

Revolutionary Hi-Res All-In One HiFi System
Just add speakers and enjoy wonderful sound with amazing features

cocktail Audio X14



DSD
Direct Stream Digital

HD MUSIC
24Bit/192Khz
High Resolution Audio

DXD
Digital eXtream Definition

APE/CUE	MP3
flac	WAV
M4A	WMA
PCM	PLS
ALAC	AIFF
HD FLAC (24bit/192KHz)	
HD WAV (24bit/192KHz)	

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Contents

Gracenote End User License Agreement	2
Notification of GNU General Public License	3
Important safety instructions	23
1. Product overview	25
1-1. Front view	25
1-2. Top view	25
1-3. How to define Fn(F1 ~ F6) key for a function	26
1-4. Rear view	26
1-5. View of remote control and key function	27
2. Prepare	28
2-1. Check the contents of X14 package	28
2-2. Install AAA batteries into the remote controller	28
2-3. Optional items, WiFi USB dongle	28
2-4. Optional items, external Optical Disk Drive	29
2-5. X14 purchased without storage	29
2-5-1. HDD installation	29
2-5-2. HDD Format	29
2-6. X14 purchased with an internal storage installed	29
3. Turn ON and Start	30
3-1. Wizard Setup (Setup Assistant)	30
3-2. Turn ON for normal use	30
4. SETUP	31
4-1. Music DB	31
4-1-1. Display Mode	31
4-1-2. Album View	31
4-1-3. Track Numbering	32
4-1-4. Append Artist in Album view	32

4-1-5. Append Artist in Album Track View	32
4-1-6. Thumbnails in Text List	32
4-1-7. Storage for Music DB	33
4-1-8. Music DB Scan Status	33
4-1-9. Rescan Resources	33
4-1-10. Music DB Initialization	33
4-1-11. Backup Music DB	34
4-1-12. Restore Music DB	35
4-1-13. Converting old Music DB to new Music DB	37
4-2. CD Ripping	38
4-2-1. Bit Rate and Quality	39
4-2-2. Audio Format (Audio Rip Format)	39
4-2-3. FreeDB TextCode	40
4-2-4. FreeDB Install	40
4-2-5. FreeDB Update	40
4-2-6. FreeDB Delete	41
4-2-7. Auto Rip	41
4-3. Audio	41
4-3-1. Player View.....	41
4-3-2. Equalizer	42
4-3-3. Analog In Volume	42
4-3-4. Analog Out Volume	42
4-3-5. Analog Out	42
4-3-6. Recording Sample Rate	43
4-3-7. Digital Out Volume	43
4-3-8. Digital Out	43
4-3-9. SPDIF	44
4-3-10. Speaker Out	44
4-3-11. Gapless Play	44
4-3-12. Slide Show Effect	45
4-3-13. Slide Show Time	45
4-3-14. ReplayGain	45
4-3-14-1. What's the Replaygain function	45
4-3-14-2. Premise for the Replaygain function	45
4-3-14-3. How to write(add) 'Replaygain Info' into metadata of each music file(track)	46
4-3-14-4. How to clear 'Replaygain Info' from metadata of each music file(track)	47
4-3-15. Limit Sample Rate in Audio Converting	47
4-3-16. Power On Volume	48

4-4. Network	48
4-4-1. Wired Setup	48
4-4-1-1. DHCP (Auto IP)	48
4-4-1-2. Static IP	49
4-4-2. Wireless Setup	49
4-4-2-1. Open SSID	49
4-4-2-2. Hidden SSID	50
4-4-2-3. WiFi Repeater Roaming function	50
4-4-3. Network Info	50
4-4-4. Wireless Info	50
4-4-5. Wake ON LAN	51
4-5. Network Service	51
4-5-1. Samba Server	51
4-5-2. Network Sharing (Samba Client)	52
4-5-3. UPnP Server	54
4-5-4. FTP Server	54
4-5-5. Shareplay(Airplay)	54
4-6. Internet Service	55
4-6-1. List View	55
4-6-2. Thumbnails in Text List	55
4-6-3. Qobuz, TIDAL, Deezer, Napster, Highresaudio are available	55
4-7. System	56
4-7-1. OSD Language	56
4-7-2. Auto Play	56
4-7-3. Resume Play	56
4-7-4. Play in Browser	57
4-7-5. Factory Reset	57
4-7-6. HDD Sleep	57
4-7-7. Format Storage	58
4-7-8. File System Fix	58
4-7-9. Brightness	58
4-7-10. Alarm	59
4-7-11. Auto Shutdown	59
4-7-12. Scroll Speed	60
4-7-13. List Line Count	60
4-7-14. User Front	61
4-7-15. Browser View	61
4-7-16. Thumbnails in Text List	61
4-7-17. ErP Regulation	61
4-7-18. R1 and R2 Keys of 2 nd Remote Control	62

4-8. Time	62
4-8-1. Time Format	62
4-8-2. Time Set (Internet)	62
4-8-3. Time Set (Manually)	63
4-9. Firmware	63
4-9-1. Current Firmware	63
4-9-2. Update manually (Firmware update manually)	63
4-9-3. Update automatically (Automatic Firmware Update by network)	64
4-9-4. What is Automatic Firmware Update by network ?	64
4-9-5. Check now for new firmware	65
4-10. Bluetooth	65
4-10-1. Pairing	65
4-10-2. Bluetooth Device Name	65
4-11. License for Gracenote	66
4-11-1. Limited Gracenote Service	66
4-11-2. How to activate license for Gracenote Service	66
5. What is the CD Database(MusicDB) of X14	67
5-1. Making the most use of Music DB	67
5-2. Music DB storage (Main storage) Selection and 'My Music' folder	67
5-3. How to add music to the Music DB	68
5-4. How to remove from the Music DB	68
5-5. How to initialize the Music DB	68
5-6. Automatic Indexing (Registration to Music DB)	69
5-7. Music DB Scan Path overview	69
5-8. Rescan Resources(folders) function	70
5-9. How to delete Album/songs and others in the Music DB	71
6. CD Loading (Ripping)	71
6-1. Ripping format and converting	71
6-2. Where ripped files are stored	71
6-3. How to register (scan) ripped files into the Music DB	72
6-4. When the X14 is connected to network (Internet).....	72
6-4-1. Ripping All	72
6-4-2. Ripping Track	73
6-4-3. Structure of ID3 Tag Edit Dialog Screen in CD Ripping	74
6-4-4. How to merge all tracks of Multi-Album into one folder(one album) when ripping multi-album CDs	74
6-4-5. How to merge all tracks of Multi-Album into one folder(one album) after already ripped multi-album CDs to separate folders(albums)	75
6-4-6. Automatic Ripping(Auto Rip) function	77
6-5. In the case that X14 is NOT connected to network (Internet)	77

6-5-1. Ripping All	78
6-5-2. Ripping Track	79
6-6. If the FreeDB is installed onto the hard disk of the X14.....	79
6-7. To check the status of CD ripping and converting.....	79
7. How to use the Music DB(database).....	80
7-1. Play music loaded (ripped) onto the X14.....	80
7-2. SEARCH function	81
7-3. How to manage Music DB	82
7-3-1. Deleting or renaming music in the Music DB.....	82
7-3-2. Cover Art	83
7-3-3. Album Edit for Multi-Album	83
7-3-4. How to export music from the Music DB to other storage devices.....	84
7-3-5. Creating .M3U and .PLS files when exporting	85
7-3-6. History function	85
7-3-7. Set 'Playing Section' to play it repeatedly	85
8. Editing the TAG information of the music in the Music DB.....	86
9. Audio CD direct play	87
9-1. If the X14 is connected to a network (Internet).....	87
9-2. If the X14 is NOT connected to network (Internet)	87
9-3. In case that you have installed the FreeDB data onto the hard disk of the X14	88
10. Data CD direct play	88
11. Playlist	88
11-1. Playlist	88
11-1-1. How to make a Playlist	88
11-1-2. How to make a Playlist with whole tracks in Album, Genre, or Artist	90
11-1-3. How to add songs to a Playlist whilst playing music	90
11-1-4. Shortcut to add song(s) in MusicDB to existing playlist	90
11-1-5. How to play a Playlist	91
11-1-6. How to change song position in a Playlist	91
11-1-7. How to edit a Playlist	91
11-1-8. How to export Playlist	91
11-2. My Playlist (Virtual Playlist).....	92
11-3. Advanced My Playlist (Virtual Playlist)	93
12. The Music Streaming function	93
12-1. UPnP Server/Client and Samba Server/Client function	94
12-2. Multiple X14's on the same network	94
12-3. The X14 works as a Music Server with Sonos.....	94
12-4. Shareplay (Airplay)	95
13. I – Service	95

13-1. Internet Radio	95
13-1-1. How to play the Internet radio.....	95
13-1-2. How to add your favorite stations into My Favorites	96
13-1-3. How to run a search function on the Internet Radio	96
13-1-4. Recording from the Internet Radio	96
13-1-4-1. How to record	96
13-1-4-2. Where is the recorded file stored?.....	97
13-1-4-3. The recorded file name structure.....	97
13-1-4-4. How to edit the recorded file	97
13-1-5. Reservation Recording	98
13-1-5-1. How to set reservation recording	98
13-1-5-2. How does the reservation recording start	99
14. Input (Analog In)	99
14-1. How to play an external device via Analog Input	99
14-2. How to record	100
14-3. Where is the recorded file stored ?	100
14-4. How to edit the recorded file	100
15. USB host port for USB devices	101
16. Browser	101
16-1. Play audio file data CDs.....	101
16-2. File Management	102
16-2-1. Accessing information on the HDD, USB, folder or file	102
16-2-2. TAG Edit	103
16-2-3. Copy Files	103
16-2-4. Move Files	104
16-2-5. Delete Files	104
16-2-6. PLS or M3U files with Internet Radio stations	104
16-2-7. Convert Audio Format	104
16-2-8. Cut the recorded file (Cut 'Playing Section')	106
16-2-9. Create Folder	106
17. Extra function	107
17-1. Photo Slide Show	107
17-2. Listing by Text or Album cover art	107
17-3. Bookmark	108
17-4. Preset E.Q.(Equalizer)	108
17-5. Resume Play	108
17-6. CLOCK and Display (LCD) OFF	109
17-7. Changing the play mode	109
17-8. Alarm set	110
17-9. Auto Shutdown	110

17-10. Sleep mode	111
17-11. Auto Play	111
17-12. Shortcut to find file in all list modes	111
17-13. Seek function on the Playing Screen	112
17-14. Function of Multi-Cutting(Auto-Cutting) for recorded file	112
17-14-1. How to set 'cutting point' by auto	112
17-14-2. How to set 'cutting point' by manual	113
17-14-3. How to start cutting	113
17-14-4. Role of each key on 'multi-cut screen'	114
17-15. Audio CD Burning function	115
17-16. Function of Jump to a song on Playing Screen	116
17-17. Multi-room (Group Play)	117
17-17-1. File formats and sample rate with which Multi-room (Group Play) function work	118
17-17-2. Group Play main menu	118
17-17-3. Device name and Host name	118
17-17-4. Basic Setup by device	119
17-17-4-1. How to set a device as server device	119
17-17-4-2. Auto Join	119
17-17-4-3. Manual Join	119
17-17-4-4. Playing screen	120
17-17-5. Advanced setup by MusicX NEO app	120
17-17-5-1. Look for devices available over a Group Play	120
17-17-5-2. Start playing songs to set as server device	121
17-17-5-3. How to add client devices to Group Play by manual	121
17-17-5-4. Control devices	122
18. Specification	123
19. MQA(Master Quality Authenticated)	124
20. Troubleshooting	124

Important safety instructions

For your own safety, please read the following important safety instructions carefully before attempting to connect this unit to the main power supply. They will enable you to get the best performance from the unit.

1. Read the instructions.
2. Keep the instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this product near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not remove the casing of this product.
9. Only use this product indoors. Do not expose the product to water, rain or high humidity.
10. Keep this product away from direct sunlight, naked flames or heat.
11. Do not install near any heat sources such as radiators, heat registers, stoves, or other electrical equipment (including amplifiers) that produce much heat.
12. Do not place any other electrical equipment on the product.
13. Do not place any sources of danger on the product (e.g. objects containing liquid, burning candles).
14. This product includes batteries. Please refer to safety and disposal instructions for batteries in this user manual.
15. Unplug this product during lightning storms or when unused for long time.
16. Refer all servicing to qualified service personnel. Servicing is required when the product has been damaged, such as the power supply cord, damaged plug, liquid spillage, objects dropped on the unit, exposure to rain or moisture, does not operate properly, or has been dropped.
17. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
18. If an all-pole MAINS SWITCH is used as the disconnect device, the location on the apparatus and the function of the switch shall be described, and the switch shall remain readily operable.

WARNING

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may be experiencing some hearing loss. Over time your hearing 'comfort level' adapts to higher volumes of sound, so after prolonged listening, what sounds 'normal' can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level.
- Loudspeakers : Before making any connections to loudspeakers, make sure all power is turned off and only use suitable interconnects.
- Only use attachments/accessories specified and supplied by the manufacturer.

- RF Exposure

To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operation in conjunction with any other antenna or transmitter.

This equipment complies with FCC



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance(servicing) instructions in the literature accompanying the appliance

FCC regulations

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER AUTHORITY TO OPERATE THE EQUIPMENT.



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy. If not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

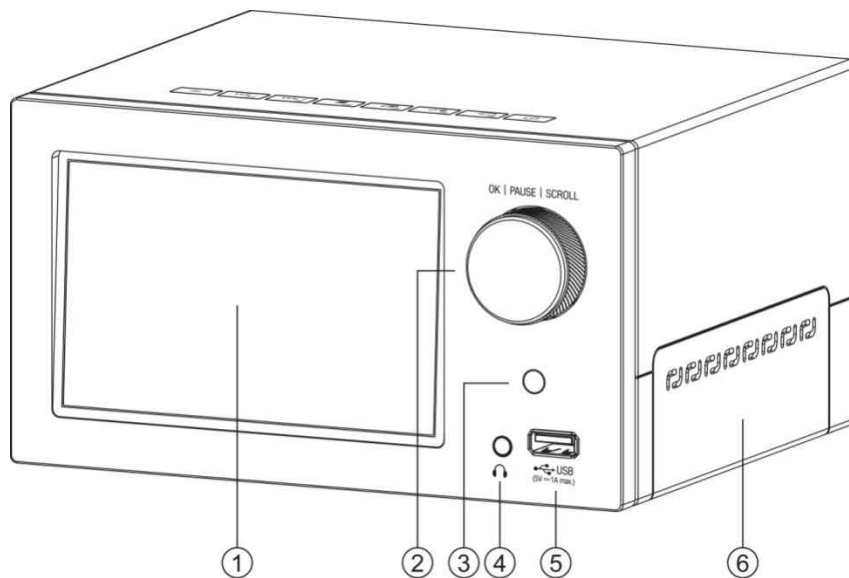
- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference. and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

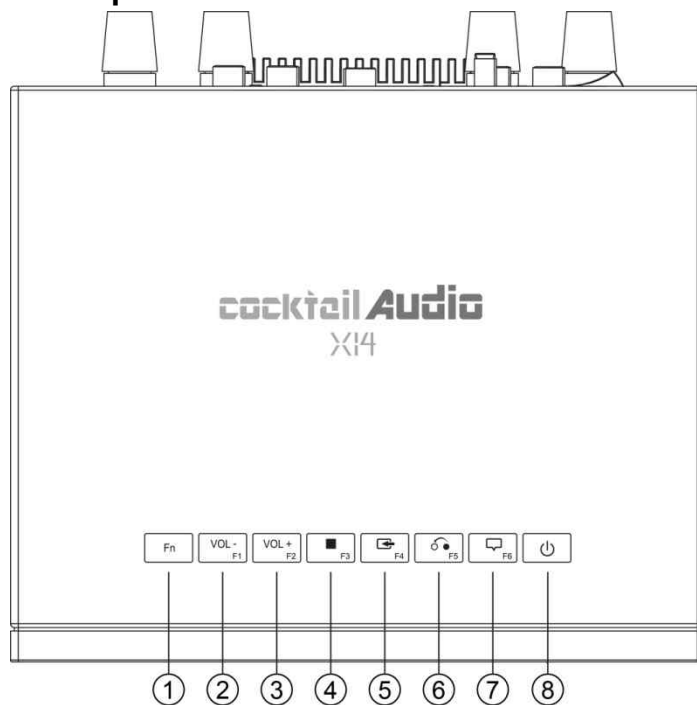
1. Product overview

1-1. Front View



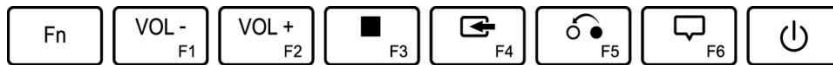
- | | |
|--------------------------------------|-----------------|
| ① 5inch LCD Screen | ④ Headphone Out |
| ② Control knob for OK, Pause, Scroll | ⑤ USB Host Port |
| ③ Remote Control receiver | ⑥ Storage Door |

1-2. Top View



- | |
|---|
| ① Fn: Function key to combine with F1 ~F6 keys. |
| ② Volume Down |
| ③ Volume Up |
| ④ Stop |
| ⑤ Input |
| ⑥ Return: Go back to upper level |
| ⑦ Menu: Show up menu |
| ⑧ Power : Power ON/OFF |

1-3. How to define Fn(F1 ~ F6) key for a function

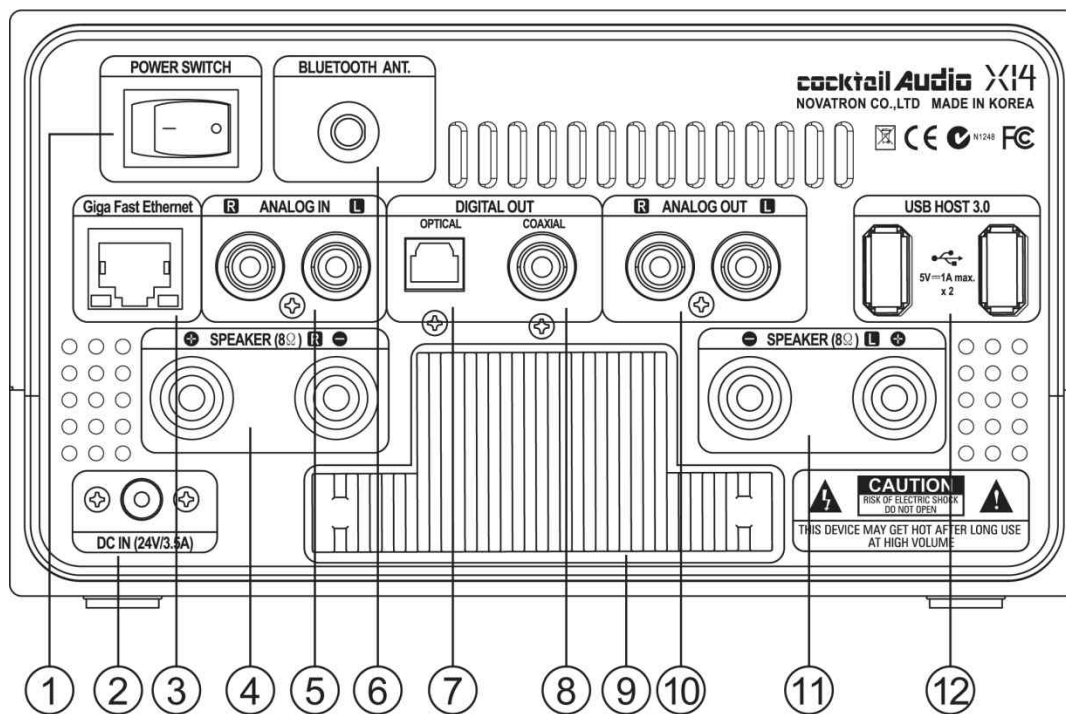


You can define function for each function key(F1 ~ F6) by yourself for Playlist or a station listed in the iRadio Favorite folder

For example;

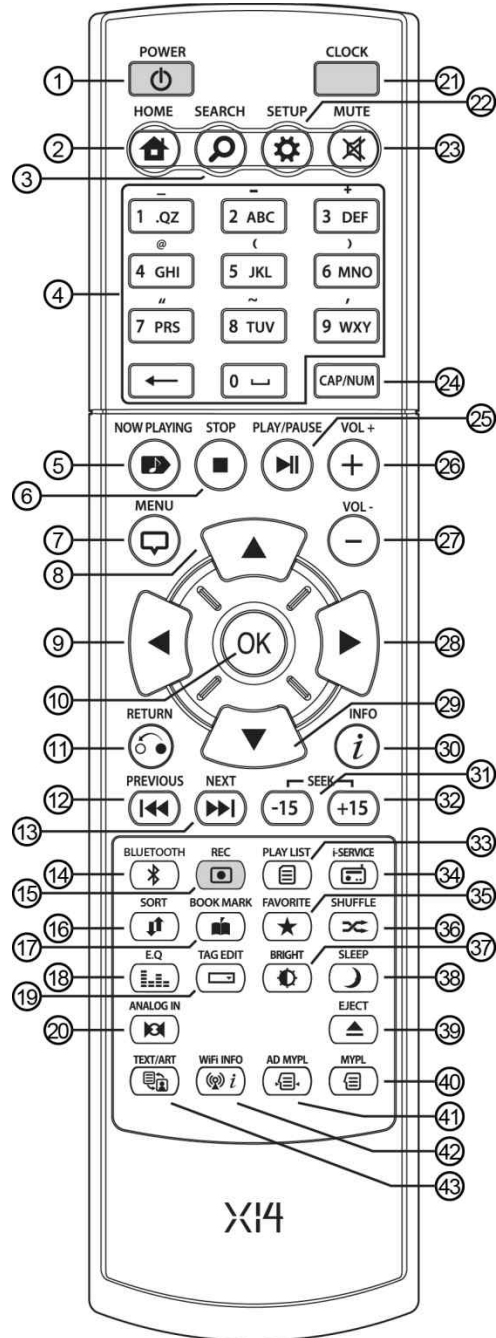
- ① Place the cursor on the Playlist#1W
 - ② Press Fn key and F3 key simultaneously, then F3 key will be defined for the key to start playing the Playlist#1
 - ③ Except for 'at playlist screen', if you press Fn key and F3 key simultaneously at any screen, the playlist#1 will start playing
- ※ You can define each key for iRadio Favorite station by the same procedure as the above

1-4. Rear View



- | | |
|------------------------------|-------------------------------------|
| ① Power Switch | ⑧ Digital Out(Coaxial) |
| ② DC IN(24V/3.5A) | ⑨ Passive Cooling System(Heat Sink) |
| ③ Giga Fast Ethernet LAN | ⑩ Analog Out |
| ④ Speaker Out(8ohm, Right) | ⑪ Speaker Out(8ohm, Left) |
| ⑤ Analog IN | ⑫ USB 3.0 Host Ports |
| ⑥ Bluetooth Receiver Antenna | |
| ⑦ Digital Out(Optical) | |

1-4. View of Remote Controller and each key's function

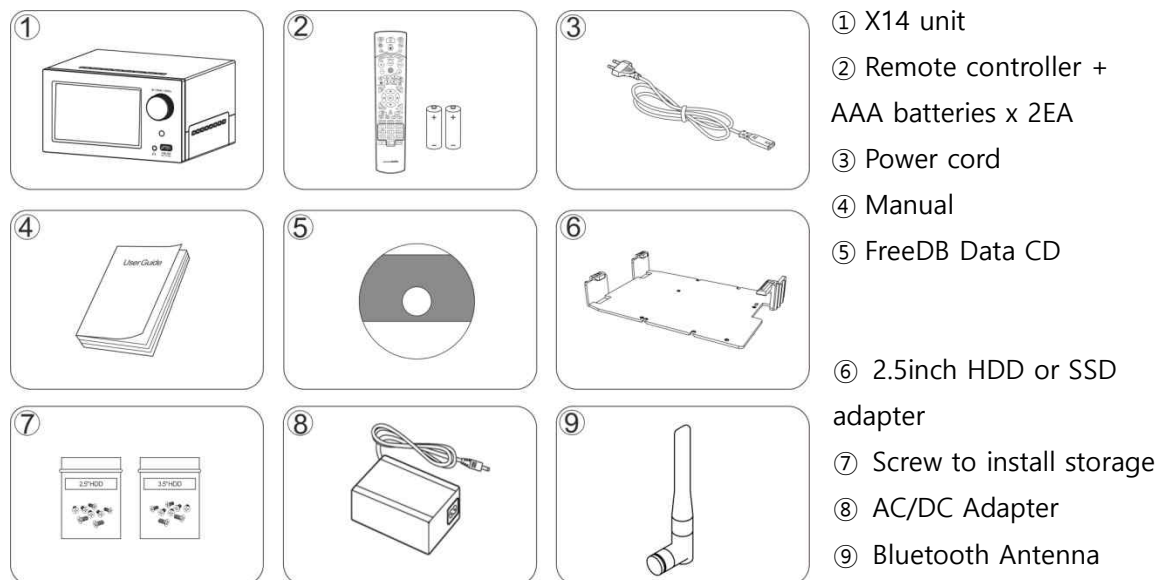


1. POWER: Power ON/OFF
2. HOME: Go to home screen
3. SEARCH: Pop up search menu
4. Alphanumeric: Enter number & alphabet/Seek at Playing Screen mode
5. NOW PLAYING: Go to Playing Screen
6. STOP: Stop playing
7. MENU: Popup menu
8. ARROW: Move cursor to upper side
9. ARROW: Move cursor to left side
10. OK: Confirmation
11. RETURN: Go back to upper level
12. PREVIOUS: Play previous music
13. NEXT: Play next music
14. BLUETOOTH: Open BT playing screen
15. REC: Pop up recording menu
16. SORT: Sort file list
17. BOOK MARK: Make bookmark
18. E.Q.: Pop up equalizer menu
19. TAG EDIT: Edit song file TAG info
20. Analog IN: Select external source
21. CLOCK: Digital clock display
22. SETUP: Go to setup
23. MUTE: Mute/unmute sound
24. CAP/NUM: Toggle numeric, alphabet and symbol key
25. PLAY/PAUSE: Toggle Play and Pause
26. VOL+: Volume up
27. VOL-: Volume down
28. ARROW: Move cursor to right side
29. ARROW: Move cursor to down side
30. INFO: Get more detailed information of current music
31. SEEK/-15: Seek backward by 15 seconds.
32. SEEK/+15: Seek forward by 15 seconds.
33. PLAYLIST: Go to playlist screen
34. i-SERVICE: Go to i-SERVICE screen

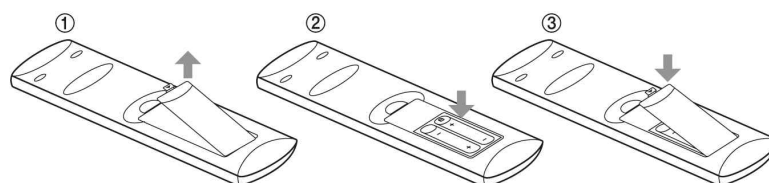
35. FAVORITE: Go to favorite list of i-radio
36. SHUFFLE: Change play mode.
37. BRIGHT: Screen brightness adjustment
38. SLEEP: Go to sleep mode
39. EJECT: Eject CD
40. MYPL: Make My Playlist
41. AD MYPL: Make Advanced My Playlist
42. WiFi INFO: Check WLAN signal level
43. TEXT ART: Switch text or art mode

2. Prepare

2-1. Check the contents of X14 package



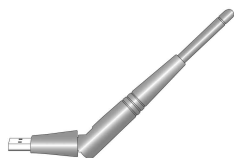
2-2. Install AAA batteries into the remote control.



Open the battery door and insert the batteries.

2-3. Optional items, WiFi USB dongle

If you purchased optional items, the WiFi USB dongle, it looks like below.



801.11b/g/n WiFi USB dongle

[NOTICE] The wifi dongle not approved by X14 manufacturer will not work properly

2-4. Optional items, external USB Optical Disk Drive

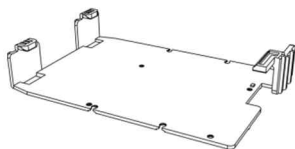
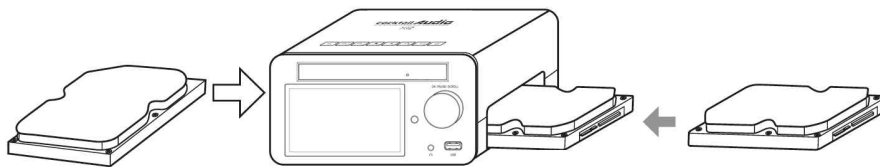


For CD Ripping with X14, you need to buy an external USB Optical Disk Drive like left picture. Many laptop users already have it. You can buy it local store or online store like Amazon easily.

2-5. X14 purchased without storage.

You need a 3.5" or 2.5" SATA hard disk or SSD, and install it into the X14 like below picture and format it. For formatting of the installed storage into X14, please refer to the 4-7-7. Format Storage (Page 58)

2-5-1. HDD installation



【 TIP 1 】 For 2.5" hard disk or SSD installation, please use the bundled adaptor like the left picture

2-5-2. HDD Format

※ Refer to the 4-7-7. Format Storage (Page 58)

2-6. X14 purchased with an internal storage installed.

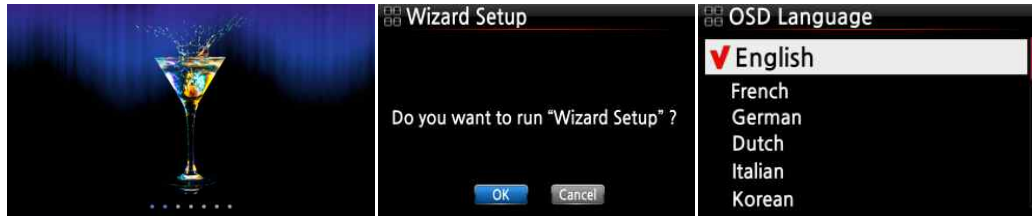
Check whether the storage is formatted, or not. If the storage is not formatted, please format it according to the 4-7-7. Format Storage (Page 58)

3. Turn On and Start

3-1. Wizard Setup (Setup Assistant)

During first booting-up procedure, you will meet the Setup Assistant (Wizard Setup) as shown below.

Select OK and confirm with the OK key to start Wizard Setup. If you want to run the set up after booting up, you can select CANCEL at the 1st step.



<NOTICE> It will ask for OSD language, Audio Ripping Format, Network Setup, Time setting, HDD format.

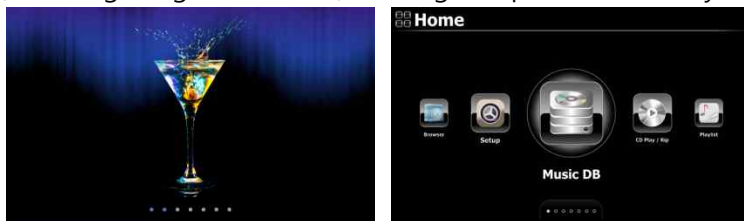
【 TIP ① 】 You will be asked about formatting the HDD only if the HDD installed has NOT been formatted.

3-2. Turn ON for normal use

Switch the unit on at the rear of the X14. Power it on using the remote control or the power button on the top of the X14. The X14 should take about 30~40 seconds to boot up as it is looking to see if a network is connected.

After the X14 is powered ON, the below screen will show up in sequence.

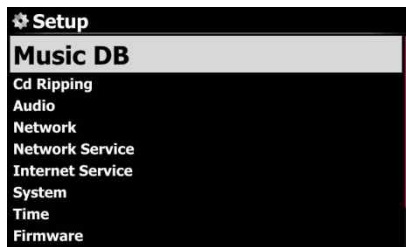
1) Booting image 2) Booting completed and ready for use



- Music DB: Play loaded(ripped) music in X14 Music DB folder.
- CD Play/Rip: Load(rip) CD or play it(Optional Function)
- Playlist: Make Playlist and play it.
- i-Service: Play i-Radio or online music services
- Input: To select Input source
- Browser: See all storages such as hard disk of X14, USB host and networked storages.
- Group Play: Set Group Play
- Setup: Change settings

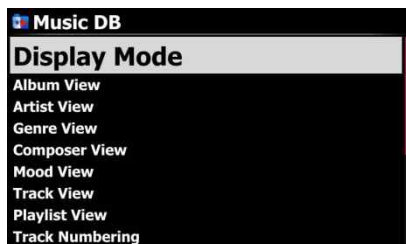
4. SETUP

Go into SETUP menu with remote controller.



You can select each item with the arrow key and confirm it with the OK button.

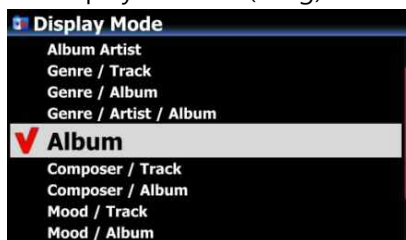
4-1. Music DB



Select the Display Mode and confirm with the OK button.

4-1-1. Display Mode

You may set one of fourteen(14) options, see below. For example, if you set Title, the Music DB will display the title (song) list when you go into the Music DB. (※ default: Album)



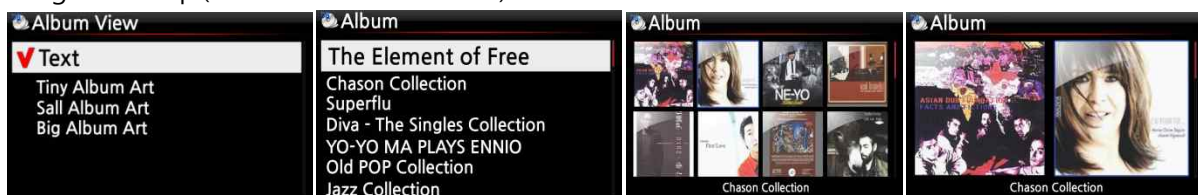
※ Default : Album

※ For example

- Artist/Track : Artist list → Title(song) list
- Artist/Album : Artist list → Album list of the artist → Track (song) list of the album

4-1-2. Album View

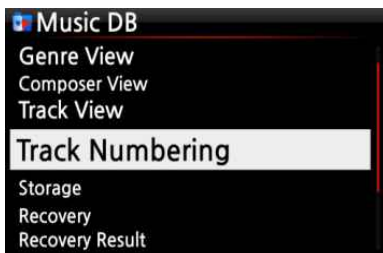
You can set the list to show albums in the Music DB by its album name (text) or album cover art using this setup.(※ default : text mode)





※Artist view, Genre view, Composer view, Mood view, Folder view, Track view and Playlist view are also available.

4-1-3. Track Numbering



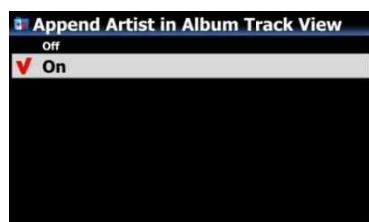
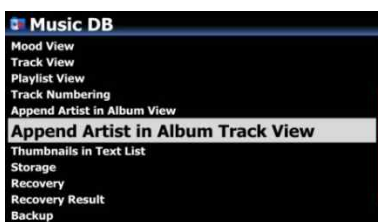
With the Track Numbering option at SETUP, you may decide whether you allow the track number to be added at the front of title for each track when you rip CD. (※ Default: Enabled)

4-1-4. Append Artist in Album View



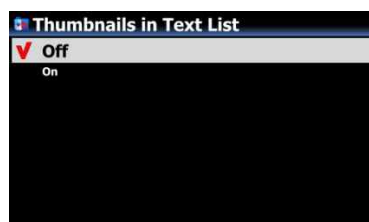
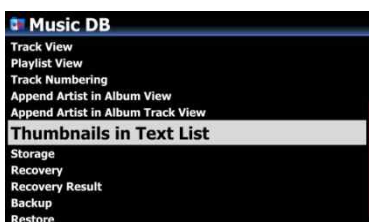
If you want to add Artist name to Album name, you should set this option as ON (※ Default: ON)

4-1-5. Append Artist in Album Track View



Track Artist will be added at the end of each track in Album if this option is set as ON
 ※ Default: ON

4-1-6. Thumbnails in Text List



Option to enable/disable 'Thumbnails at the front of each text list is added at SETUP
 ※ Default: OFF
 ※ NOTICE: If this option is set as ON and Thumbnails are displayed, the speed to list up will be slower a little

4-1-7. Storage for Music DB

You can select a HDD(SSD)1, USB or NAS (Network attached storage) for Music DB storage. If one of them is selected as Music DB storage (Main storage), its color on the Browser mode will be green.

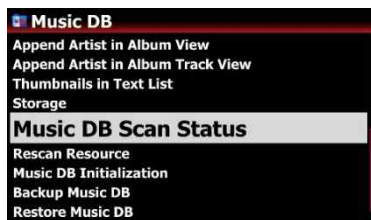
※ Default is HDD1



※ NOTE:

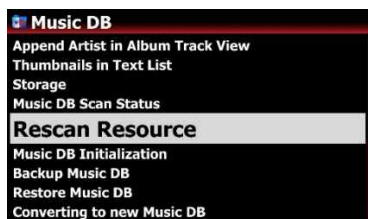
The ripped files of CDs will be stored in the 'My Music' folder in the main storage (green colored storage). The album cover art of all albums in the Music DB will be stored in the main storage. So, if you remove the main storage, album cover art may not be listed properly on the album cover art list mode for the Music DB.

4-1-8. Music DB Scan Status



If you want to see scanning status, go to SETUP > Music DB > Music DB Scan status

4-1-9. Rescan Resource



To synchronize contents in Music DB and in folders of storages already scanned to Music DB, please go to SETUP > Music DB > Rescan Resource

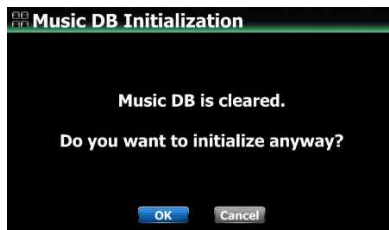
※ For more detailed information, refer to 5-8. Rescan Resource (folders) function (Page 72)

4-1-10. Music DB Initialization

Music DB Initialization will remove all scanned index of music files and Playlist, and will rescan(register) all music files in the 'My Music' folder only to Music DB again.



- ① Go to SETUP > Music DB > Music DB Initialization
- ② Select 'Music DB Initialization' and confirm it with OK key to open the below screen

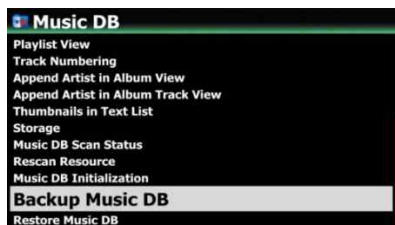


- ③ Select OK icon and confirm it with OK key to start clearing the Music DB
- ※ After initializing the Music DB, the device will reboot by itself to complete Music DB initialization, and will rescan 'My Music' folder only.
- ※ NOTE: This function will remove all scanned index of music files and Playlist. However, it has no effect on the original music files

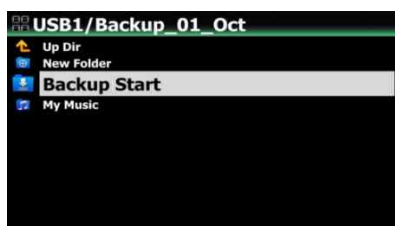
4-1-11. Backup Music DB

You can backup original music files (albums or songs) registered(scanned) to Music DB.

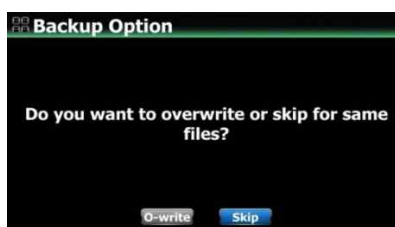
※You need an external USB storage which has a bigger capacity than the Music DB.



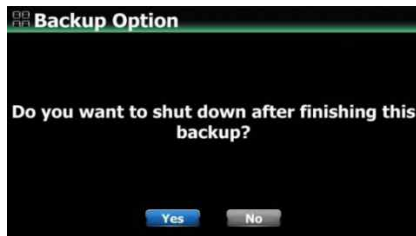
- ① Go to "SETUP > Music DB > Backup Music DB" and click it



- ② Select a storage or folder for backup
- ③ Click 'Backup Start' to start back up



- ④ Select backup option (Overwrite or Skip)
- . Overwrite: It will overwrite the same existing file.
 - . Skip: Same files will be skipped

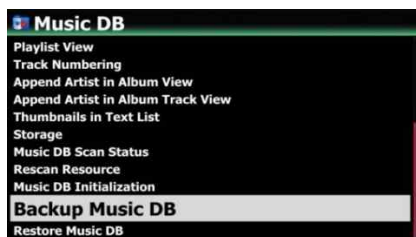


⑤ Select option after backup (Shutdown or On)

- Yes: Device will be shutdown automatically after backup
- No: Device will stay as 'ON' after backup



⑥ You can backup in the back-ground mode. You can do other works like playing music even in backup processing.



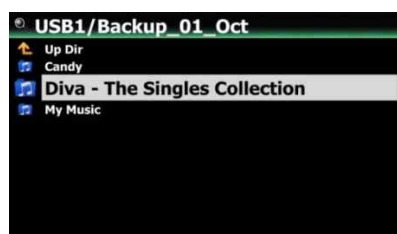
⑦ If you want to go back to the backup status screen from the background backup mode, go to 'Setup' and click the 'Backup Music DB' menu again.

※ If you want to stop backup during the backup processing, just click the 'Stop' icon



※ Backup result will be shown after backup

- Backup will be done by folder unit
- Each folder will be backed up including its all sub folders while maintaining its own tree structure

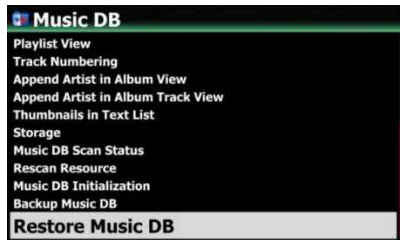


<CAUTION>

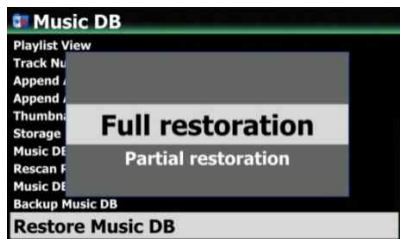
- 1) While backup in progress, if you do CD ripping or file importing to DB, these ripped files and imported files will not be backed up.
- 2) While backup in progress, device response will be delayed slightly when try using other function.

4-1-12. Restore Music DB

You can restore the backup data in the Music DB. Connect the backup storage to the X14



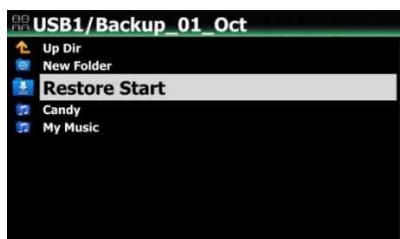
① Go to SETUP > Music DB > Restore Music DB and click it



② Select one of Full or Partial Restoration

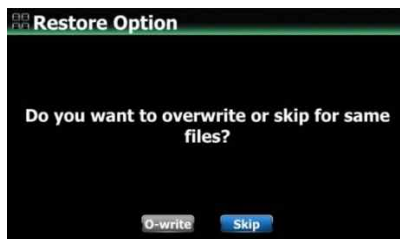
※ Full restoration:

- All backup sub-folders in the selected storage (folder) will be restored to main storage (green colored storage)
- Data in My Music folder of backup storage will be restored to My Music folder in the main storage (green colored storage)
- Device will re-boot after full restoration



1) In case of selecting Full Restoration

- ① Select backup (source) storage and folder
- ② Click 'Restore Start' to open option window of Overwrite or Skip



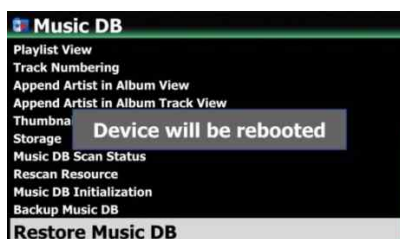
③ Select 'O-write' or 'Skip' to start restoring

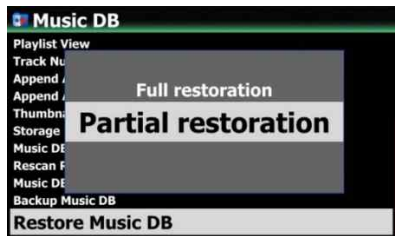
※ Device will re-boot by itself after full restoration



※ Restore result

- All backup folders will be restored to the root directory of main storage (green color)
- Each folder will be restored in the same tree structure including its own sub folders just like backup





※ Partial Restoration :

- Selected folder in the backup storage will be restored to selected folder in the target storage.
- No device re-boot after partial restoration



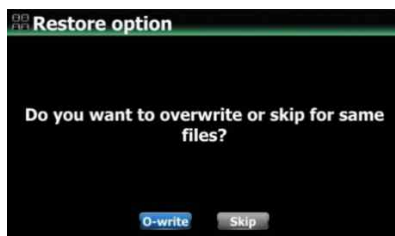
2) In case of selecting Partial Restoration

① Select the folder you want to restore from the backup storage

② Select a destination storage or folder to restore and click 'restore Here'.

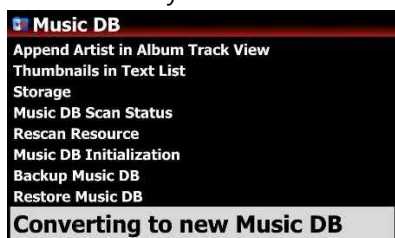


③ Select 'O-write'(Over-write) or 'Skip' to start restoring



4-1-13. Converting old Music DB to new Music DB

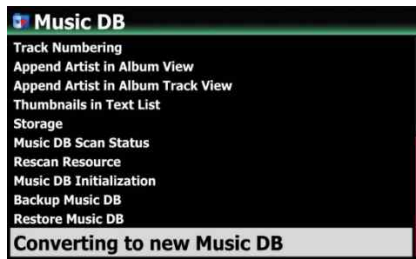
If you have an USB storage where old Music DB data(.DB) exists and the USB storage is not set as Music DB storage (Main storage) at SETUP, you can convert the old Music DB data to new Music DB data easily.



① Insert the USB storage (old Music DB data), then the device will show up message like below.

② Go to SETUP as the screen says, and click 'Converting to new Music DB'





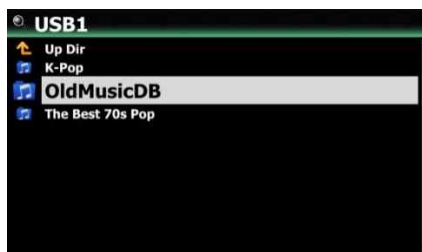
③ Device will ask you if you want to overwrite or skip for the same file

④ Select one of O-write and Skip to start converting like below picture.



⑤ Converted files from old Music DB will be stored in the 'My Music' folder of the main storage.

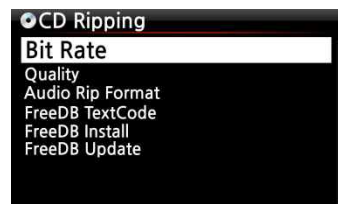
※ Note: Main storage means the storage set as MusicDB storage at SETUP. The main storage looks green color at the Browser



4-2. CD Ripping

NOTE: For CD Ripping, you need to buy an external USB Optical Disk Drive separately because X14 manufacturer doesn't provide the ODD. You can buy it easily from local store or from online store like Amazon. And, many laptop users already have it.

Select CD Ripping and confirm it with the OK button. The below items will be displayed.



4-2-1. Bit Rate and Quality

You can select bit rate and the quality level for ripping to MP3 files.

There are two (2) items.(This is for ripping a CD to an MP3 file)

- ☐ Compressed Rate : 128K / 192K / 320K [default] 192K
- ☐ Quality level : Excellent / Best / Good / Fast / Very fast [default] Very fast

Select one of the above options and confirm with the OK button on the remote control.

【 TIP ① 】 The time required to rip a CD to MP3 format based on each quality level option is shown below.

Option of quality level	Normal playing time	Required time to convert to MP3
Excellent	The time required to play music in CD normally.	X 1.5 (150%)
Best		X 1.08 (108%)
Good		X 1 (100%)
Fast		X 3/4 (75%)
Very fast[Default]		X 1/3 (33.3%)

※Quality level affects on the MP3 and Ogg ripping in view of sound quality, and on the FLAC ripping in view of file size.

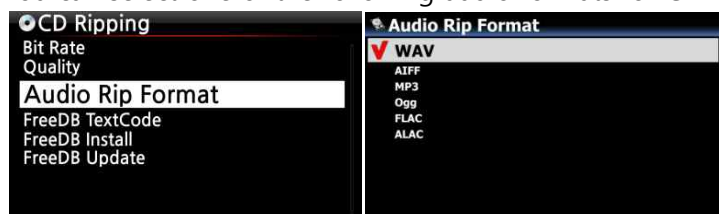
【 TIP ② 】 Estimated Storage capacity

CD Ripping option		500GB HDD	1 TB HDD	2 TB HDD	4 TB HDD
WAV(uncompressed)		650 CDs	1,300 CDs	2,600 CDs	5,200 CDs
MP3 / OGG	Compressed Rate				
	128K	7,500 CDs	15,000 CDs	30,000 CDs	60,000 CDs
	192K	5,000 CDs	10,000 CDs	20,000 CDs	40,000 CDs
	320K	3,000 CDs	6,000 CDs	12,000 CDs	24,000 CDs

These figures may vary slightly according to the number of tracks on a CD

4-2-2. Audio Format (Audio Rip Format)

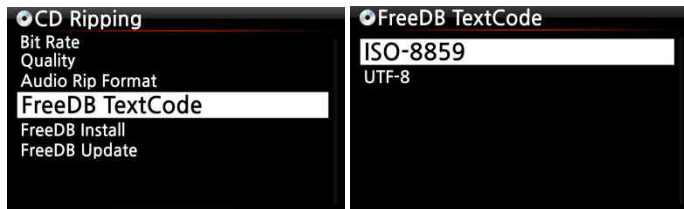
You can select one of the following audio formats for CD Ripping;



※ default is WAV

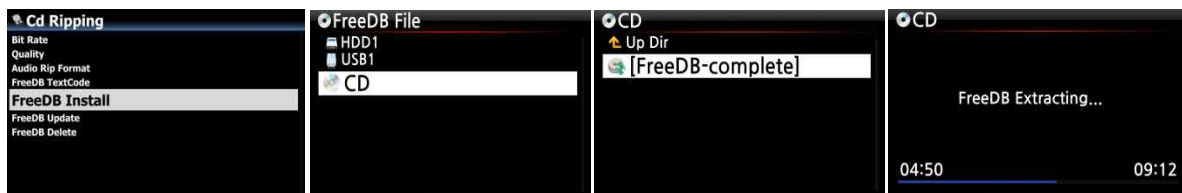
4-2-3. FreeDB TextCode

In the case that the FreeDB text is broken, you may try changing the FreeDB TextCode as shown below.



4-2-4. FreeDB Install

You can install the FreeDB data to the storage of the X14 as a FreeDB data (DVD) is supplied by the manufacturer. Once you install the FreeDB data to the X14 the inserted CD information (metadata like title, album name, artist, etc) will be displayed on the X14 screen without network connection.



To install the FreeDB data to the X14 hard disk, insert the FreeDB data DVD into the CD slot of the X14 and go to SETUP and select FreeDB to install. You will see the CD, select and confirm with the OK button. The X14 will shut down and reboot to start installing the FreeDB data automatically.

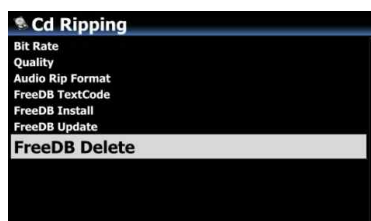
<NOTICE> When using X14 with network(internet) connected, you don't need to FreeDB data because it's useless when X14 is connected to network(internet)

4-2-5. FreeDB Update

You can get a FreeDB update from the Cocktail Audio website (www.cocktailaudio.com).

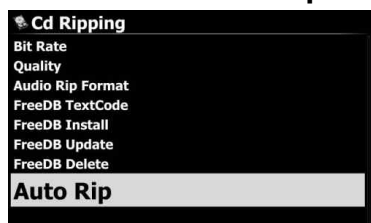
To update your copy the FreeDB load the file downloaded from www.cocktailaudio.com to a memory stick and insert the memory stick into the USB host port of the X14. Navigate to SETUP and select FreeDB Update. Press the OK button. You can see the USB memory and select it with the OK button to find the FreeDB update file. Confirm with the OK button to begin the installation.

4-2-6. FreeDB Delete



You can delete FreeDB data if you don't like it after installing it into X14

4-2-7. Auto Rip

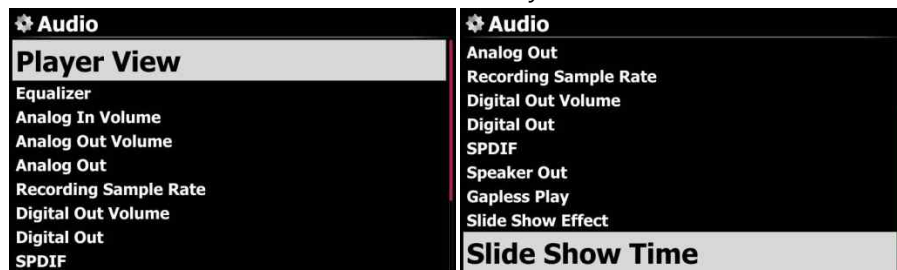


When ripping many CDs at one time, this function will be useful. If Auto Rip is set as ON, X14 will rip CD by itself if you insert CD, and eject CD by itself after finishing ripping without pressing any key

※ Default: OFF

4-3. Audio

Select Audio and confirm it with the OK key



4-3-1. Player View

You can set one of the following; Cover & List, Music Info or List Only.



※ NOTE: Using INFO button of remote control, you can change player view to Cover & List, Music Info or List Only like below.

※ Default: Cover & List

[Cover & List]



[Music info]

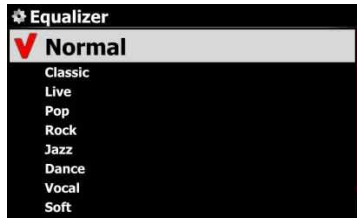


[List Only]

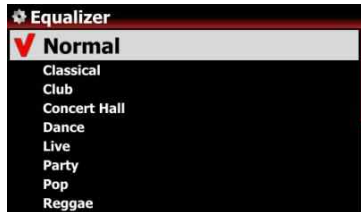


4-3-2. Equalizer

You can set one of the following; Normal → Classical→ Live → Pop → Rock → Jazz → Dance → Vocal → Soft → Bass → Normal



① Select Equalizer and confirm it with OK key to open the preset EQ list like below.

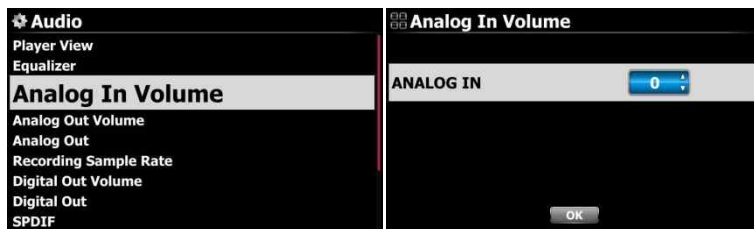


② Select one of 10 options

※ NOTE: Equalizer works in Speaker Out (inside amplifier) only.

※ NOTE: During playing, you can also change preset E.Q using EQ button.

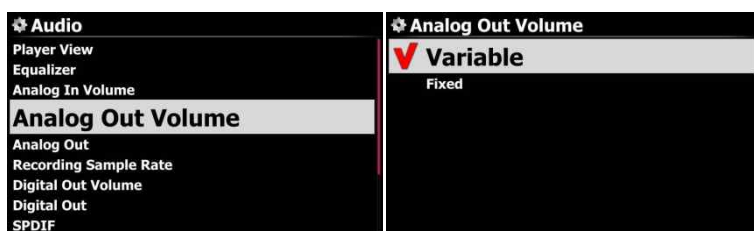
4-3-3. Analog In Volume



You can control volume level of Analog In

※ Default: 0

4-3-4. Analog Out Volume

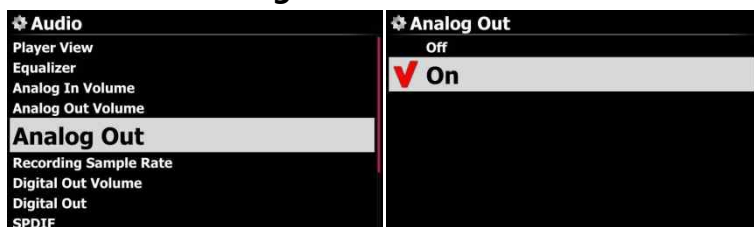


You can set Analog Out Volume as Variable or Fixed

※ Default: Variable

※ Fixed: X14 volume will be set as 0dB (Max). You can't control volume with X14

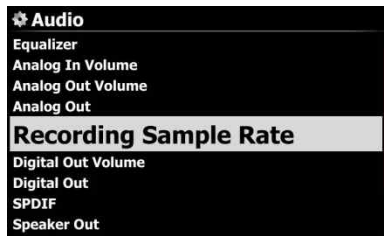
4-3-5. Analog Out



Analog Out can be set as OFF or ON

※ Default: ON

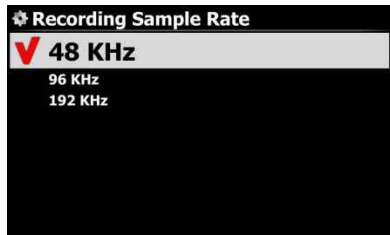
4-3-6. Recording Sample Rate



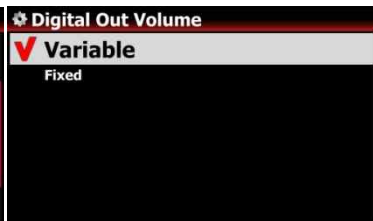
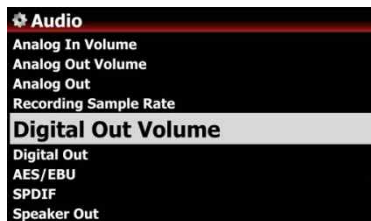
When recording, you can set Recording Sample Rate as one of three (3) options like 48KHz, 96KHz, 192KHz.

※ NOTE: The higher sample rate, the more recording space is needed.

※ Default: 48Khz



4-3-7. Digital Out Volume



※ Variable: You can control volume for Digital Out with X14

※ Fixed: X14 volume will be set as 0dB (Max). You can't control volume for Digital Out with X14

※ Default: Variable

4-3-8. Digital Out

You can set one of three (3) options like 48KHz, 96KHz, 192KHz and Passthrough



- 1) 48Khz : Max 48KHz frequency
- 2) 96Khz : Max 96KHz frequency
- 3) 192Khz : Max 192KHz frequency
- 4) Passthrough : Send out as it is and Max 192Khz



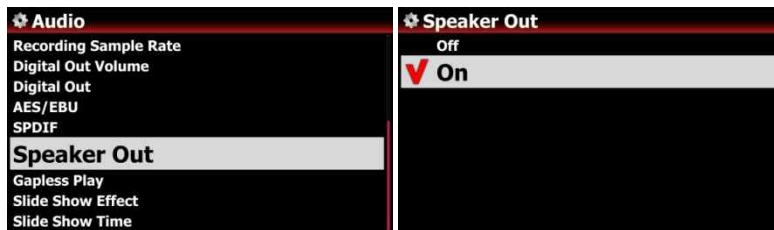
※ Default: 96KHz

4-3-9. SPDIF



You can set as ON or OFF for SPDIF digital output
※ Default: ON

4-3-10. Speaker Out



You can set as ON or OFF for Speaker Out
※ Default: ON

4-3-11. Gapless Play

The X14 supports gapless playback function for MP3 files, WAV, FLAC and DSD files only.



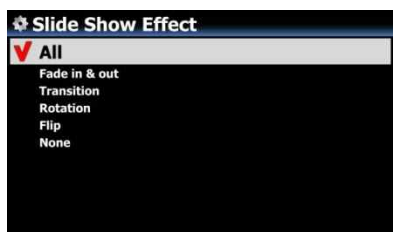
※ Default: ON

【 TIP 】

※LAME-encoded MP3 files only supported

※The Gapless play function works properly on 'Repeat All' and 'Normal' modes only. For example in 'Shuffle' mode Gapless play is not supported

4-3-12. Slide Show Effect



Six (6) options are available like All, Fade in & out, Transition, Rotation, Flip and None.

※ NOTE: For detailed explanation, refer to 17-1. Photo Slide Show (Page 104)

4-3-13. Slide Show Time



You can set show time and effect time according to your taste.

※ Show time: The time required to show one photo

※ Effect time: The time required to transit one photo to other photo

※NOTE: For detailed explanation, refer to 17-1. Photo Slide Show (Page 104)

4-3-14. Replaygain

4-3-14-1. What's the Replaygain function

It allows X14 to equalize and normalize loudness for individual track or album. This avoids the common problem of having to manually adjust volume levels between tracks when playing audio files from albums that have been mastered at different loudness levels. ※ Default: OFF

4-3-14-2. Premise for the Replaygain function

- 1) Replaygain function is valid for music files stored in local HDD(MusicDB, Browser), USB and NET(NAS: network attached storage)
- 2) You have to set Replaygain as ON at SETUP(Setup>Audio>Replaygain ※Default : OFF
- 3) +(-)#.## dB will be displayed at 6th line of File Player Info when playing a file which has Replaygain info
- 4) DSD file can work with Replaygain function in only case that the DSD file play out by PCM data
- 5) MQA file can't work with Replaygain function



4-3-14-3. How to write(add) 'Replaygain info' into metadata of each music file(track)



① Place the cursor on the target album or track list. You may select multiple list by RIGHT ARROW key

② Press MENU key and click 'File Operations >' to get Replaygain started



③ To start writing 'Replaygain info', click 'Skip' or 'No'

If Skip is clicked, the device will skip the file which has already Replaygain info without overwriting Replaygain info.

If No is clicked, the device will write newly Replaygain info to all music files selected.



④ Writing is finished and return to list screen

4-3-14-4. How to clear 'Replaygain info' from metadata of each music file(track)



- ① Place the cursor on the target album or track list. You may select multiple list by RIGHT ARROW key
- ② Press MENU key and click 'File Operations >' to get Clear Replaygain started

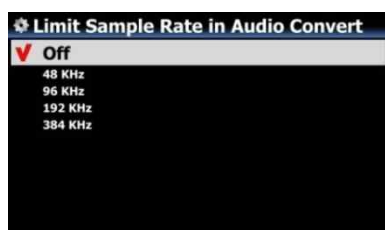
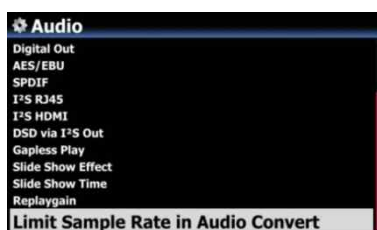


- ③ To clear 'Replaygain info' from metadata of all files, click 'OK'. If you click 'Cancel' or press RETURN key, this process will stop



- ④ Clearing is finished and return to list screen

4-3-15. Limit Sample Rate in Audio Convert



When converting music file into different file format, you may select maximum sample rate.

- ※ Default: OFF
- ※ OFF means that original sample rate will be applied to the converted file.

4-3-16. Power On Volume



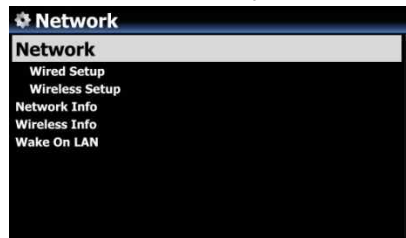
This is option to set volume level after booting up. Default is 'Last played volume'. If you select 'Volume Selection' option, you can set volume level from 0dB to 100dB.



4-4. Network

※ Make sure your Ethernet cable or a USB WiFi dongle is connected.

Select Network and press the OK button.

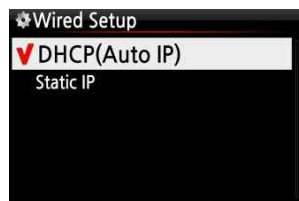


- ① Select Network and confirm with the OK button.
- ② Select Wired Setup or Wireless Setup and confirm it with OK button.

【 TIP 】 To check network information, press Network Info.

4-4-1. Wired Setup

4-4-1-1. DHCP (Auto IP)



- ③ Select DHCP(Auto IP) and confirm with the OK button. There is no need to enter any values.
- ④ Select OK and confirm with the OK button.



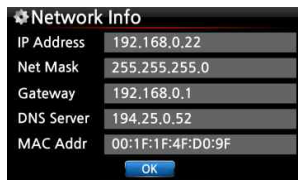


- ⑤ The screenshot shown on the left will be displayed if the network is connected successfully.

4-4-1-2. Static IP



- ① Select Static IP and confirm with the OK button.
 ② Enter the values such as; IP Address, Subnet mask, etc.
 ③ Select OK and confirm with the OK button

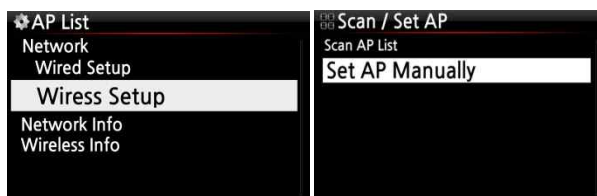


- ④ The screen to the left will be shown if the network is connected successfully.

4-4-2. Wireless Setup.

The X14 offers two kinds of method for wireless network connection

4-4-2-1 Open SSID



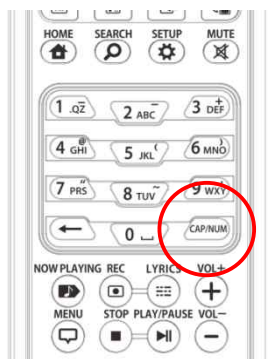
- ① Select 'Wireless Setup' and confirm with OK key.
 ② Select 'Scan Ap List'. All AP available will be listed up.



- ③ Select proper AP and confirm with OK key.
 ④ If the AP has a password, enter it and select OK and confirm OK key.

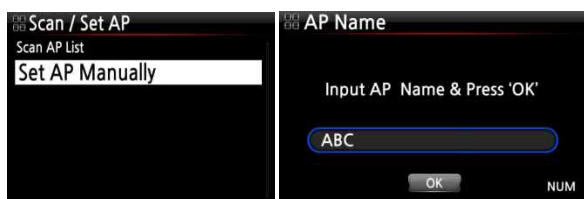


The screen to the left will be shown if the network is connected successfully.



※ With CAP/NUM key of remote control, you can toggle number, capital, small alphabet or symbols for typing.

4-4-2-2 Hidden SSID

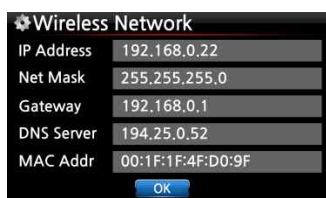


- ① Select 'Set AP Manually' to open the window for AP name input like left.
- ② Input AP name and select OK and confirm it.
- ⑤ The window for the password input will show up. The follow procedure is same as 'Open SSID'

4-4-2-3 WiFi Repeater Roaming function

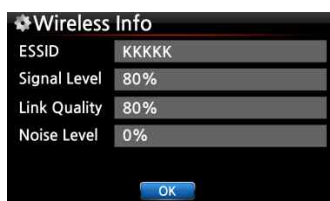
In case that signal strength of the connected AP goes down -45db, the X14 will be connected to the AP which has same SSID and better signal strength if it is detected

4-4-3. Network Info



Select Network Info and confirm with the OK key. You can see the network information displayed as shown below.

4-4-4. Wireless Info



Select Wireless Info and confirm with the OK key. You can check the Wireless LAN signal strength, see below screen shot.

4-4-5. Wake ON LAN

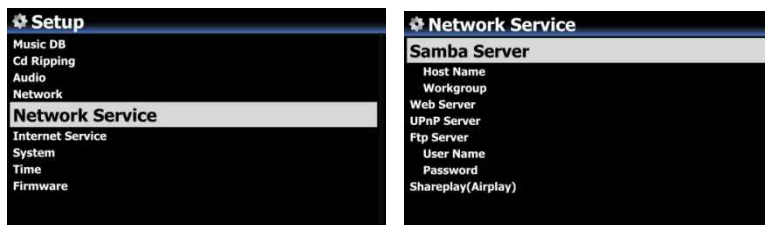


If Wake ON LAN is set as ON, X14 can be powered ON by a signal from outside via network.

※ Default: OFF

<NOTICE> In case that Wake ON LAN is set as ON, LED of X14 Ethernet LAN on the rear will be blinking even though you power it off by remote control or front power button.

4-5. Network Service

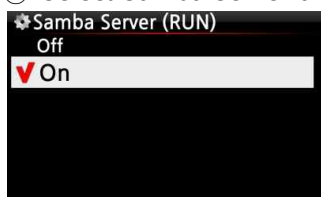


Select Network Service and confirm with the OK key. There are several items like Samba Server, Web Server, UPnP Server and FTP Server and Shareplay(Airplay)

4-5-1 Samba Server

If you would like to see the folders on the X14 hard disk through your network connected PC you can set up the following:

- ① Select Samba Server and confirm with the OK key. Set Samba Server as ON, see below



※ default: OFF

- ② Select Samba Server and confirm with the OK button.



- ③ Select Host Name and Workgroup.
- ④ Enter host name and workgroup name and select OK and confirm with the OK button.

※ **How to see the folders of the X14 hard disk on your PC screen (based on Window 7)**

- ① Click the 'START' icon on the left/bottom on your monitor.
- ② Select 'Computer' and click it.
- ③ You may see 'Network'
- ④ Click 'Network', then you may see all servers (The X14 default host name is X14) connected to local network.
- ⑤ Select 'X14' and click it.
- ⑥ You may see the two folders, LocalStorages and MusicDB.

※ **WARNING: You must NOT access to the MusicDB folder related to database. If you delete or edit something inside of the folder, it will make MusicDB serious trouble.**

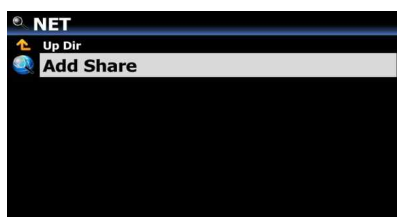
4-5-2 Network Sharing (Samba Client)

You can connect the X14 and the storage devices in the same network. If you want to stream the file in remote devices and play it with the X14, you need to do 'network sharing' first as below.

1) How to add 'shared folder'



- ① Go to Browser and click NET
- ② 'Add Share' will be showed, then click it



- ③ Place the cursor on the 'Server' and confirm it with OK key
- ④ Connected Server list will be displayed like below picture.



- ⑤ Select right one and click it



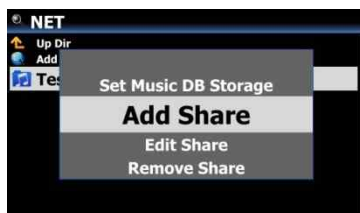
- ⑥ Then, IP address will be shown up in the path
 ※ In case that IP address doesn't show up, please insert it by keyboard. You can connect USB Keyboard into the X35



- ⑦ Place the cursor on the IP address, and click it
 ⑧ Then, Shared folder will be shown up in the Share.
 ※ If 'Requires authentication for Share' message come out, you need to set it on Windows
 ⑨ Place the cursor on the OK and confirm it to finish
 ⑩ If you want, you can change Nick Name as you want



2) How to edit and remove 'shared folder'



- ① Place the cursor on any folder listed on the screen.
 ② Press MENU key to open popup menu as the picture on the left. You may add or edit here.

3) Convenient method to input the user name that you input previously

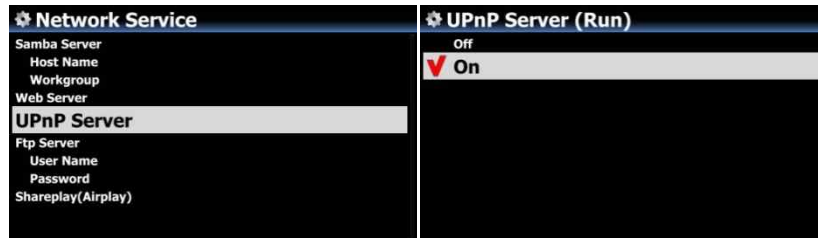


Place the cursor on the User Name and click it. Then, you may see the user name that you input previously

4-5-3 UPnP Server

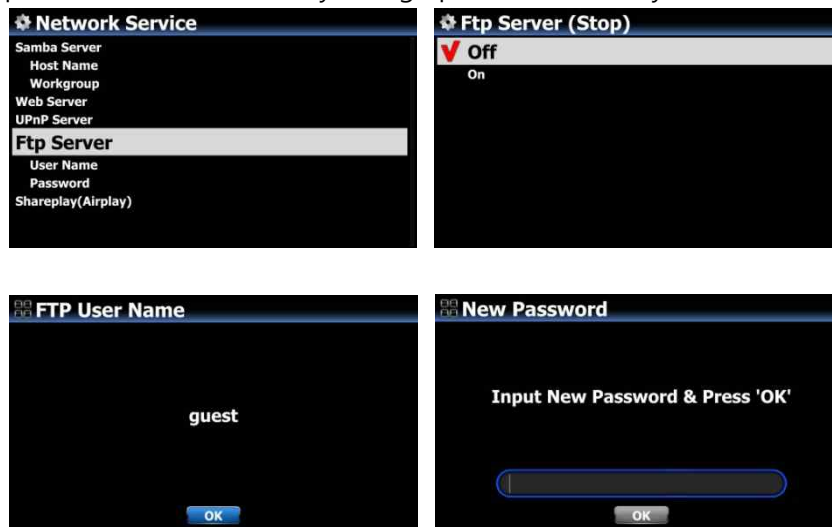
If you have a device (like a PC) which supports UPnP client protocol, you can play music stored in the X14 Music DB through the UPnP device.

Default setting for UPnP Server is ON, see below.



4-5-4 FTP Server

Select FTP Server and confirm with the OK key. Set it to ON. User Name is fixed as Guest. Default password is 0000. You may change password should you wish to.



【 TIP 】 You may use the FTP software like 'File Zilla'. The character should be set as 'UTF-8'.

※What you can do with FTP Server function?

After installing FTP software like 'File Zilla' onto your PC, you can copy, delete or move files or folders between X14 hard disk and your PC hard disk.

4-5-5 Shareplay(Airplay)

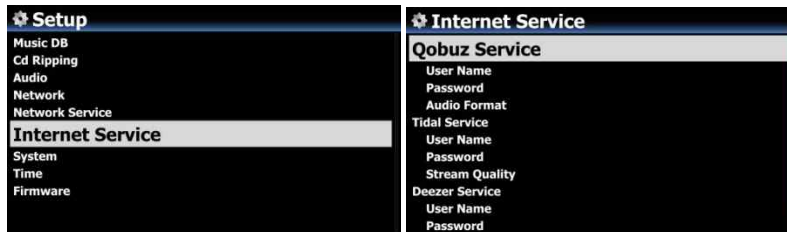


You can set Airplay function as OFF if needed

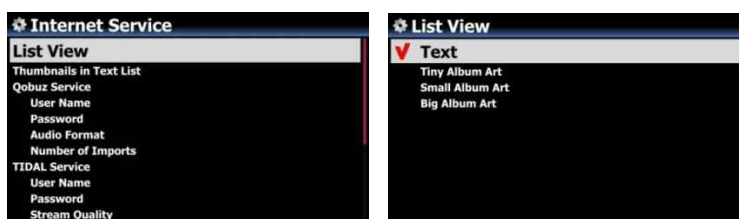
※Default: ON

4-6. Internet Service

X14 integrated Online Music Services into its software. So, you can play Qobuz, TIDAL, Deezer, Napster, Amazon Music and HighResAudio with X14 directly if you subscribe for those services and put their user name and password here properly.



4-6-1. List View

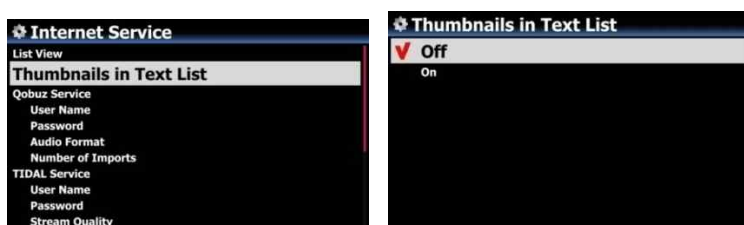


You can display lists by Text or Cover art according to this setup.

※ Default: Text

※ You can toggle this option by TEXT/ART key of remote control

4-6-2. Thumbnails in Text List



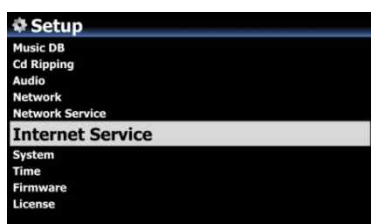
Option to enable/disable

'Thumbnails at the front of each text list

※ Default: OFF

※ NOTICE: If this option is set as ON and Thumbnails are displayed, the speed to list up will be slower a little

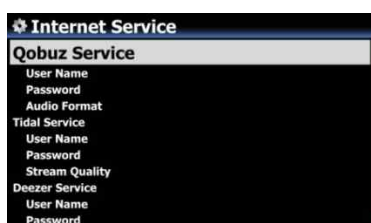
4-6-3. Qobuz, TIDAL, Deezer, Napster, HighresAudio are available



X14 integrated Qobuz, TIDAL, Deezer, Napster, Amazon Music, HighresAudio, so you can play them with X14 directly if you subscribe for those services and put their user name and password here properly.

※ NOTE

You have to do 'double log in' at device SETUP and MusicX NEO app for TIDAL and Amazon Music



4-7. System



① Select System and confirm with the OK button.

4-7-1. OSD (On Screen Display) Language.



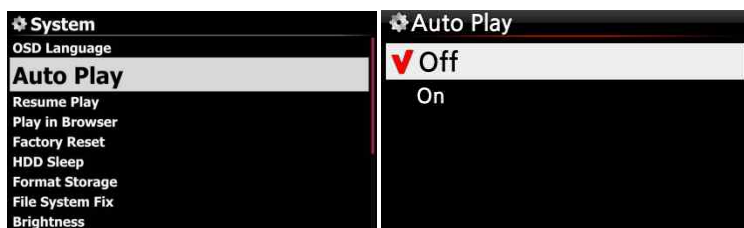
② Select OSD Language and confirm with the OK button.

Supported languages will be displayed.

③ Select your preferred language and confirm with the OK button.

【 TIP ③ 】 Default is English.

4-7-2. Auto Play



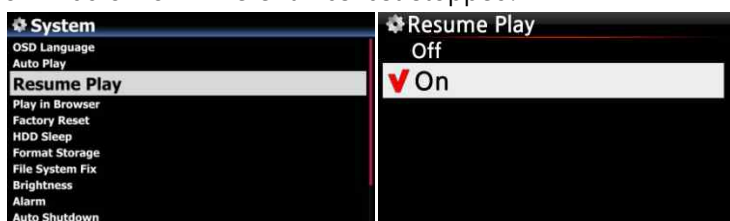
Select Auto Play and confirm with the OK button. You can set it to ON or OFF.

※ Default : OFF

【 TIP 】 For detailed explanation of Auto Play function, refer to 17-11 Auto Play (Page 109)

4-7-3. Resume Play

When you boot up the X14, it will automatically resume playing the music in the Music DB, Browser or i-Radio from where it was last stopped.



Select Resume Play and confirm with the OK key.
Set it as ON as shown left.

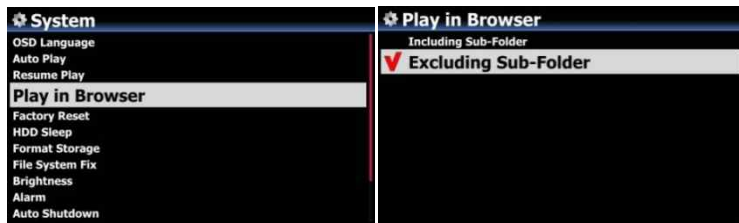
※ Default is OFF

【 TIP 】

※This function does NOT work in the case that the 'Alarm' function or 'Auto Play' function is enabled.

※Function priority : Alarm function ----→ Auto Play function -----→ Resume Play function

4-7-4. Play in Browser



1) Including Sub-Folder : All songs in sub-folders also will be played.

2) Excluding Sub-Folder : Any song in sub-folders will not be played

※ Default: Excluding Sub-Folder

You can play all files in multiple folders or in single folder.

- ① Select folders with RIGHT arrow key.
- ② Press MENU key to open popup menu
- ③ Select 'Start Playing' to start playing.
- ⑤ All songs in the selected folder will be played

4-7-5. Factory Reset



To restore changed values of setup, select Factory Reset and confirm with the OK button.

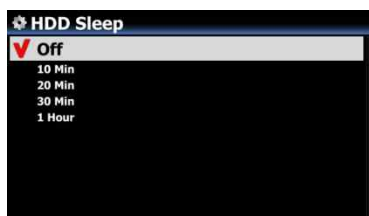
<NOTICE> When you boot up after Factory Reset, it will ask for Wizard Setup

4-7-6. HDD Sleep

You can make X14 HDD go to sleep mode by this setting. There are five (5) options like OFF, 10 Min, 20 Min, 30 Min and 1 Hour. During the selected time, if no access to HDD, the HDD goes into sleep mode.



※ For the X14 to wake up from HDD sleep mode, it takes 3~4 seconds. During this time, the X14's response to the input signal from remote control will be delayed.



4-7-7. Format Storage

※ NOTE: HDD Format function of the X14 does not support multi-partitioning. If you would like to make two (2) partitions on the HDD we recommend this is done using your computer.



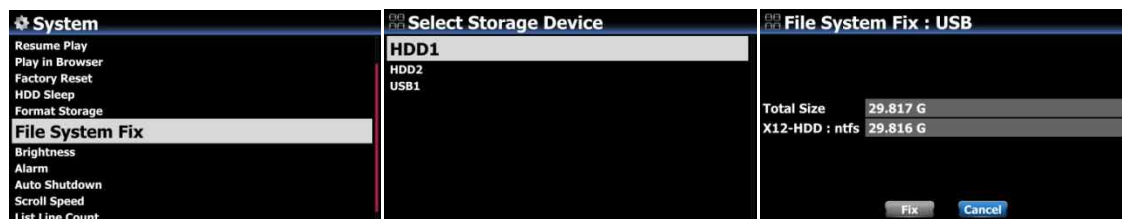
※ NOTE: The X14 offers the function to format internal hard disk and external USB devices also. The format procedure is same for the both storages.

<NOTICE> If you format HDD, all data in the HDD will be lost

4-7-8. File System Fix

When you suspect there is some problem in the file system of storages like internal HDD or connected USB storage, you can try this function to remove some error in file system of storages.

Select File System Fix and confirm with the OK key.



【 Caution 】 We recommend you NOT to run this function if the file system of the X14 hard disk has no problems.

4-7-9. Brightness

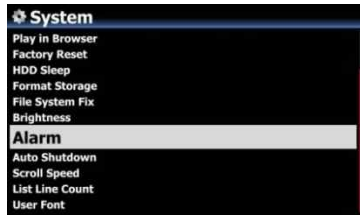
You can control the brightness level of the LCD.



Select Brightness and confirm with the OK key. You can set the brightness using the LEFT/RIGHT arrow key on the remote control. ※ Default: 10

4-7-10. Alarm

You can set six (6) alarm settings on the X14.



① Go to Alarm at SETUP, and confirm it with OK key.

The following screen will appear.



② Select the line you require and press the OK button.

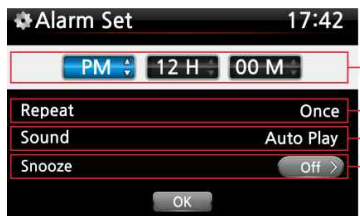
The following screen will appear.

※ NOTE: The time should be set minimum 10 minutes later than current time.

③ Set time, cycle and sound source.

④ Set Snooze ON.

⑤ Select OK and confirm it with OK button.



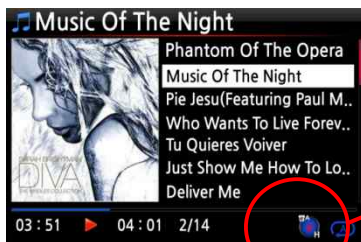
① Selecting time with up/down button.

② Selecting cycle with OK button

③ Selecting sound source from Playlist or iRadio (My Favorites)

④ Selecting snooze ON/OFF

※ NOTE: In case that Alarm is set, the below icon will show up on the playing screen.



※ NOTE

A : Alarm

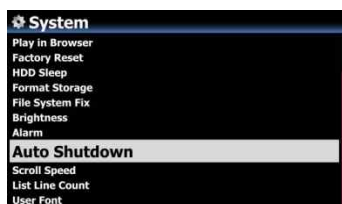
2 : Two

D : Day

Alarm is set as 'after 2 days from now'.

4-7-11. Auto Shutdown

The X14 will be powered off automatically at the assigned time and date.



① Go to SETUP and select System.

② Select Auto Shutdown and confirm with the OK key

③ Select from the list and confirm.



④ You can set the time on the X14

⑤ Once the time is set move cursor onto the OK icon and confirm with the OK key.

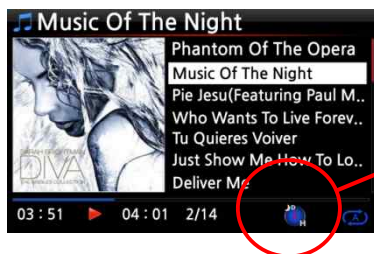
※ NOTE: Use the arrow key (UP/Down) to change the values. Use the arrow key (left/right) to move the cursor. Press the OK key to change 'Repeat'. Use the arrow key (left/right) to set ON/OFF.



⑥ The left screen will show. Press the RETURN key to save the setting and exit this setup.

※ NOTE: Auto shutdown does not work properly if you set the shutdown time 'within 3 minutes of the power

※NOTE: In case that Auto shutdown is set, the below icon will show up on the playing screen.



※NOTE

D : Auto Shutdown

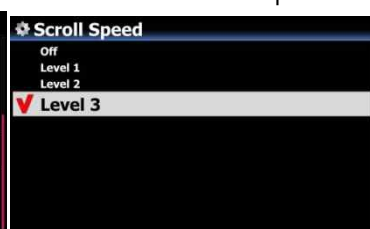
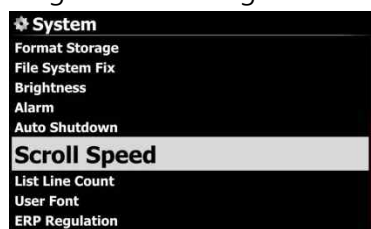
3 : three

H : Hour

After 3 hours, X35 will shutdown

4-7-12. Scroll Speed

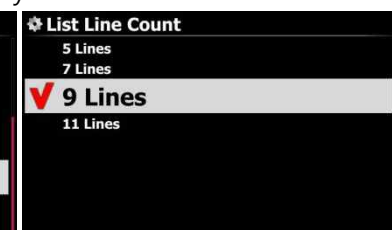
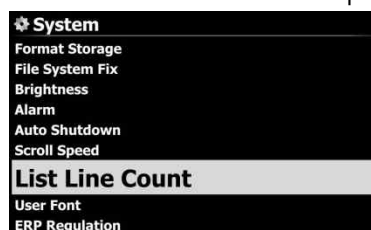
Long text is scrolling on the screen. You can set its speed like below.



※ Default: Level 3

4-7-13. List Line Count

The number of text lines displayed on the screen is selectable according to your taste like below.



※ Default: 11 lines

4-7-14. User Font

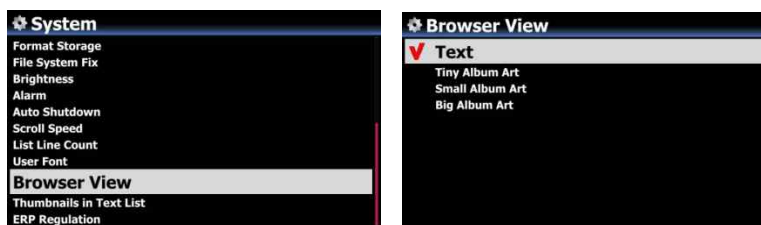


※ Various fonts are available in Windows PC (C:/Windows/Fonts). You can get one of them and use it for X14 via this function.

- ① Copy preferred fonts file into USB memory stick or local hard disk of X14.
- ② go to SETUP > System > User Font: Confirm it with OK key to open menu window like above
- ③ Select 'Get User Font' to look for the fonts files and load it.

※ To return to 'X14 original system font, select 'User System font' and confirm it with OK key.

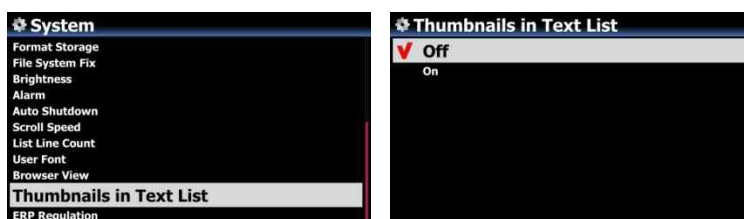
4-7-15. Browser View



You can display browser list by text or cover art

※ Default: Text

4-7-16. Thumbnails in Text List



Option to enable/disable 'Thumbnails at the front of each text list

※ Default: OFF

※ NOTICE: If this option is set as ON and Thumbnails are displayed, the speed to list up will be slower a little

4-7-17. ErP Regulation

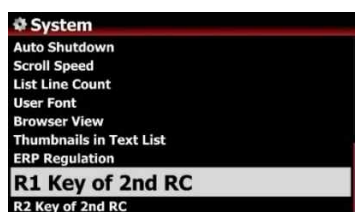


According to CE Regulation (ErP/Energy Efficiency Regulation), X14 will enter into Power Off mode or WOL mode automatically after 20 minutes without any working or input signal. You can set this function as ON or OFF

※ Default: OFF

4-7-18. R1 and R2 Keys of 2nd Remote control

We are selling the full aluminum remote control separately as the 2nd remote control, which has 17keys only to be used frequently



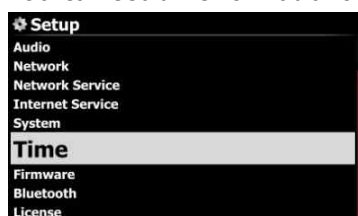
There are two reserved keys (R1 and R2) on the 2nd Remote Control. You can set them for preferred functions

Go to SETUP>System. You can set it as one of all keys on the original remote control

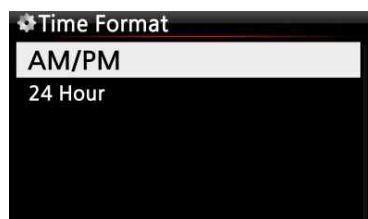


4-8. Time

You can set time format and time via internet or by manual here.



4-8-1. Time Format

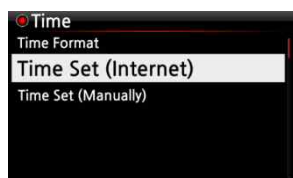


X14 displays the time while playing the internet radio.

Pressing the CLOCK key displays time.

X14 can display one of two ways, AM/PM or 24Hours. You can select which here.

4-8-2. Time Set (Internet)



① Select Time Set (Internet) and confirm it with the OK button. All the time options will be displayed as below.

【 TIP 】 Make sure that the X14 is connected to network (internet) before you try time setting by Time Set (Internet).



- ② Select your preferred time and confirm it with OK button.

【 TIP 】 Default: GMT+00 London

4-8-3. Time Set (Manually)

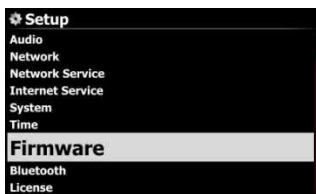
Without a network (internet) connection, you can set time manually.



- ① Select Time Set (Manual) as in the above picture and confirm it with the OK button.
- ② Input your time manually and select OK to confirm it with OK button.

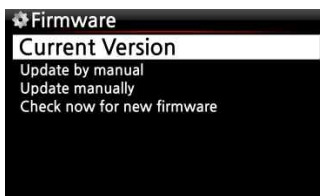
4-9. Firmware

You can check the current firmware version of your X14 and install the updated new firmware.



Select Firmware and confirm with the OK key.

4-9-1. Current Version



You can check the current firmware version as shown below. Select Current Version and confirm with the OK key.

4-9-2. Update manually (Firmware update manually)



- ① Obtain the new firmware first and put it onto the root directory of USB memory stick or the HDD of the X14.
- ② Plug the USB memory stick into the USB host port of the X14.
- ③ Go to SETUP and select Firmware Update and confirm with the OK key.
- ④ Select the storage device containing the new firmware.
- ⑤ Select xxxxxxxxxx.pkg file and confirm with the OK key



Select OK and confirm with the OK button. The X14 will reboot automatically to update the X14.



4-9-3. Update automatically (Automatic Firmware Update by network)



The X14 will automatically update the firmware through the network. If you don't wish this done automatically you can change the setting to OFF, see left.

※ Default: ON

4-9-4. What is Automatic Firmware Update by network?

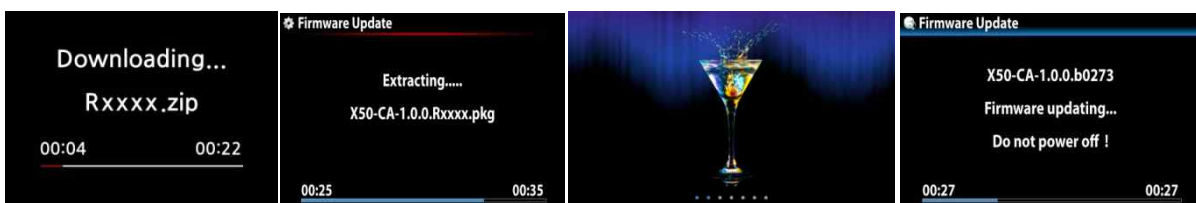
This function is available only when X14 is connected to a network (internet). In the instance that a higher version of the firmware exists at our server system, your X14 will check it automatically when the X14 boots up.



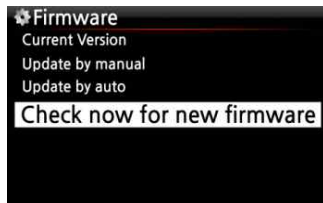
※ NOTE: If CANCEL is selected, the folder [New Firmware] is created automatically in the internal hard disk (or USB), then the X14 will not ask for a Firmware Update when booting up. If you delete [New Firmware] through Browser, it will ask again.

※ NOTE: There is no actual data in the [New Firmware] folder.

If OK is selected the X14 will try downloading and extracting it automatically. The X14 will reboot automatically to update the firmware, see sequence below:

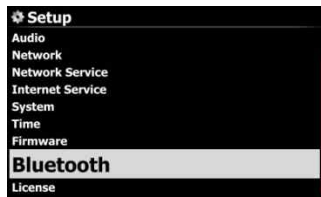


4-9-5. Check now for new firmware



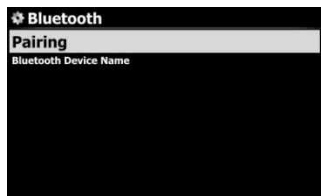
When you want to check if your X14 has the latest firmware installed, please use this function. If there is higher version of firmware in our server, the dialog window will show up when you click this option.

4-10. Bluetooth

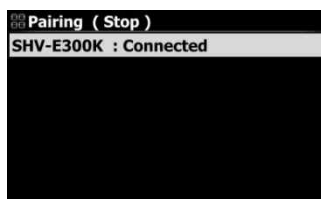


When you want to play files in your mobile devices which have BT function(sender) via the X14, you can use X14 BT function

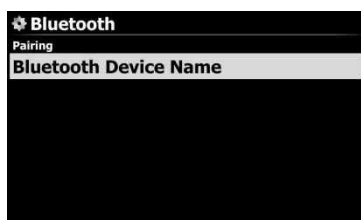
4-10-1. Pairing



- ① Go to SETUP > Bluetooth
- ② Open 'Pairing' menu
- ③ Register X14 to your BT device(phone)
- ④ Then, your device will be connected to X14
- ⑤ You can play now
- ⑥ If you press BLUETOOTH key, you can go to BT Now Playing screen



4-10-2. Bluetooth Device Name



Here, you can name your X14 with a nice name as you want
※ Default: cocktailAudio X14

4-11. License for Gracenote

4-11-1. Limited Gracenote service

X14 provides Gracenote service to retrieve CD metadata and Album cover art for CD Ripping.

※ NOTICE

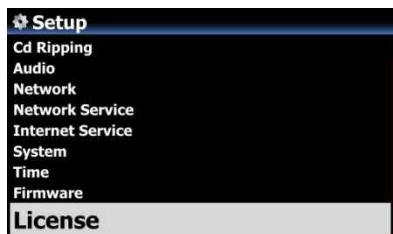
But, Gracenote service is free for two (2) years. After two (2) years, if you want to keep using Gracenote service, you need to pay five (5) EURO per service for one year.

Of course, if you don't like to Gracenote service with payment, CD metadata from freedb server and album cover art from Google, Amazon, Bing, etc are available in the X14

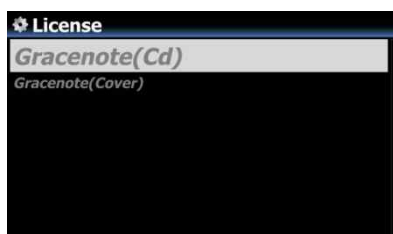
4-11-2. How to activate license for Gracenote service

※ NOTICE

You need to take a simple process to activate 'Gracenote Service' first like below.



- ① Go to SETUP>License.
- ② Click 'License', then below screen will show up



※ Two(2) services are available. One is CD metadata(Cd), the other is Album coverart(Cover)

- ③ Click one of them. For example, click 'Gracenote(Cd)



There will be License Name and Device Key, which are needed to activate license

- ④ Click 'Activate'



- ⑤ Click 'OK' to finalize 'license activating'

※ After two(2) years, you can take a similar process to buy license

5. What is the CD Database (Music DB) of X14

The Music DB is a database created with only index (tag info, metadata and cover art) of music files stored in each folder of the storages connected to X14. The music files themselves will remain in their original locations. Users can easily register(scan) music files to the Music DB by folder unit, and remove it from the Music DB easily. If you do CD ripping with X14, ripped files will be stored in the 'My Music' folder of main storage (green colored storage in the Browser mode), and index data of the ripped files will be registered(scanned) to the Music DB automatically.

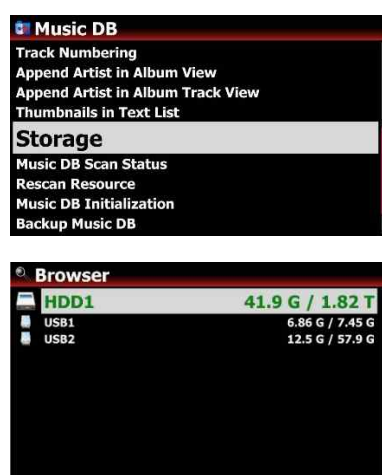
Once creating Music DB, it will be very helpful for you to enjoy your music collection with various functions like search, display, editing, classify, making playlist, export song and various view modes, etc.

5-1. Making the most use of Music DB

Just like PC, you'd better classify your music files by folder unit and store it to the storage connected to the X14. And then, you can select a folder and run 'Scan Music DB' function to register(scan) music files in the selected folder to the Music DB.

5-2. Music DB storage (Main storage) Selection and 'My Music' folder

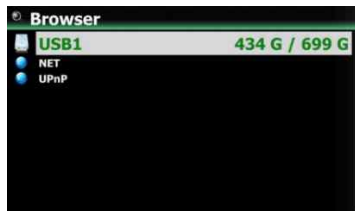
You may connect multiple storages to the X14 such as local HDD, USB1, and NAS. You can set one of these storages as main storage at SETUP(Setup>Music DB>Storage). If you try CD ripping or running 'Scan Music DB', 'My Music' folder will be automatically created on the main storage. The ripped files will be stored in the 'My Music' folder.



※ NOTE

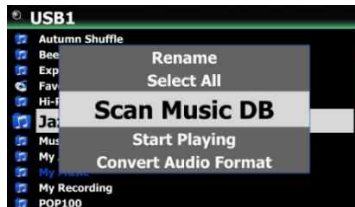
- 1) The main storage will be shown as green like left screen
- 2) If you do CD Ripping, the ripped file will be stored in the My Music folder of the main storage
- 3) The album cover art of all albums in the Music DB will be stored in the main storage. So, if you remove the main storage, album cover art may not be listed properly on the album cover art list mode for the Music DB.
- 4) All files in the My Music folder of green colored storage will be scanned to the Music DB automatically

5-3. How to add music to the Music DB



① Go to Browser and place the cursor on the folder containing the music you want to add to the Music DB

② Press MENU key to open menu window like below

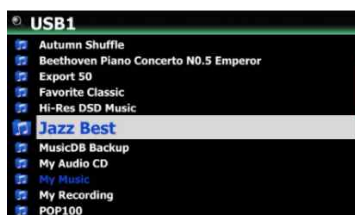


③ Click 'Scan Music DB' to start scanning the music files in the folder

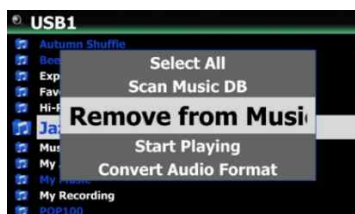
④ The folder scanned for Music DB will be changed to blue color like left screen

⑤ In case that the folder has sub folders, all sub folders also will be scanned together automatically

※ NOTE: If you copy files or folders to the 'My Music' folder, those copied files or folders will be scanned automatically then added to the Music DB



5-4. How to remove from the Music DB



① Go to Browser and place the cursor on the blue-colored folder you want to remove from the Music DB

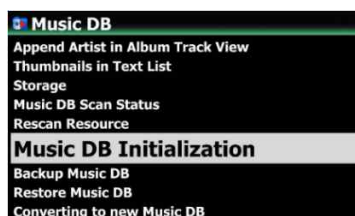
② Press MENU key and select 'Remove from Music DB'

③ Click it to start removing!

④ The color of the folder will be changed normal color from blue.

※NOTE: Original music files are remaining in the folder. You can't use 'Remove from Music DB' function on the 'My Music' folder.

5-5. How to initialize the Music DB



① Go to SETUP > Music DB > Music DB Initialization

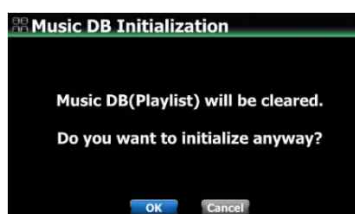
② Select 'Music DB Initialization' and confirm it with OK key to open the below screen

③ Select OK icon and confirm it with OK key to start clearing the Music DB

※ After initializing the Music DB, the device will reboot by itself to complete Music DB initialization, and will rescan 'My Music' folder only.

※ Warning: Music DB initialization will remove all Playlist

※ NOTE: This function will remove all scanned index of music files only. However, it has no effect on the original music files

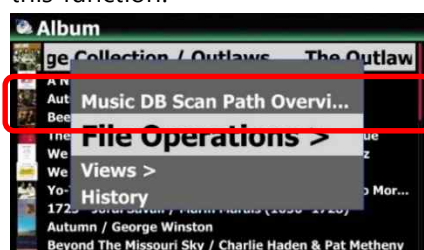


5-6. Automatic Indexing (Registration to Music DB)

If you add (copy) music files into the scanned folder (Blue colored), the added(copied) music files will be automatically indexed to the Music DB. If you edit music file in the folder, the edited contents will be automatically reflected to the Music DB. Of course, editing in Music DB will be reflected for original files in the folder.

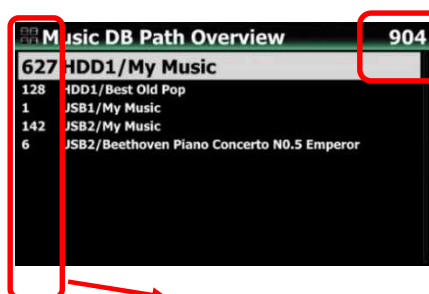
5-7. Music DB Scan Path Overview

This feature shows you path information of Music DB files which were scanned from multiple folders and storages. You can find the origin of scanned files and scan-related information with this function.



① Enter the Music DB on the home screen and press menu key, then left screen will show up

② Select 'Music DB Scan Path Overview', then it will show up the folder path of all connected storages and track numbers of scanned storages like below screen.



Total tracks of Music DB

Tracks of each path on the Music DB

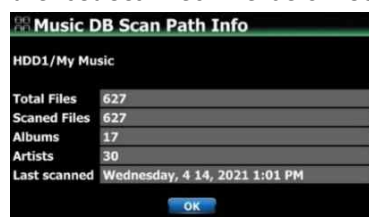


③ Place the cursor on the target path list to see its detailed information, and press Menu key. Then, left screen will show up.

-. **Sub Path:** will show the list of albums and sub folder under the root path(folder).

-. **Reload:** will read again the path to update information.

-. **Info:** will show detailed information such as the total number of tracks, albums, and the date of the last scanned like below screen.



- **Auto Cursor:** If you set 'Auto Cursor' as 'On', the cursor is automatically positioned as the path you are currently scanning. The path you are currently scanning for will be displayed in blue color like below screen.

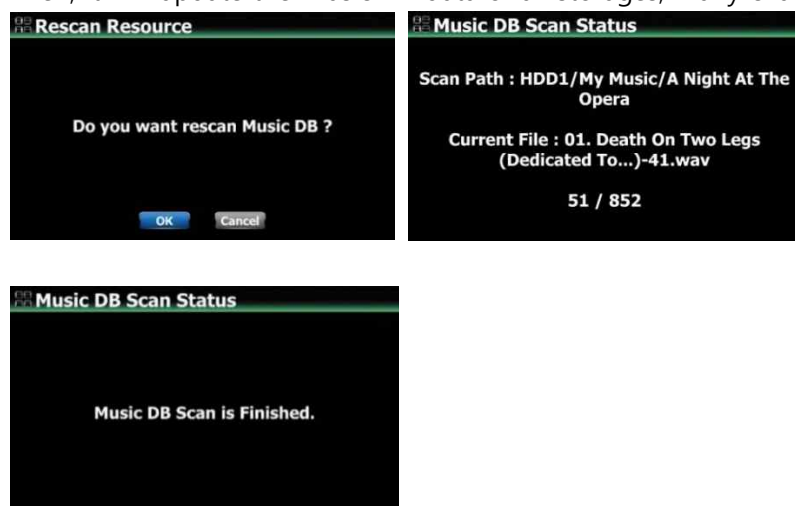


5-8. Rescan Resource (folder) function

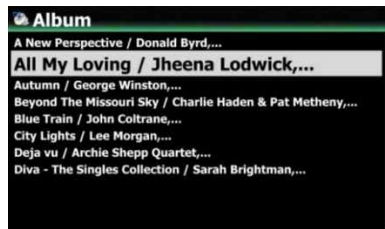
To synchronize contents in Music DB and in folders of storages already scanned to Music DB, please go to SETUP>Music DB>Rescan Resource. Or, place the cursor on the target list (path) on the 'Music DB Path Overview' and press MENU key to run 'Rescan Resource' like below;



Then, it will update the Music DB data of all storages, if any changed



5-9. How to delete album/song and others in the Music DB



① Go into Music DB and place the cursor on the album or song you want to delete

② Press MENU key to open menu window

③ Select 'Delete' to go next step and delete it



※ You can select multiple albums with 'Right arrow key'

※ NOTE

If you try deleting albums (folders) in the Music DB, inside files(songs) will be deleted, but albums (folders) names will remain in the Browser mode, because there is still cover art files in the albums (folders). If you want to delete them also, you can run 'Delete Files' function on the Browser mode.



6. CD Loading (Ripping)

NOTE: For CD Ripping, you need to buy an external USB Optical Disk Drive separately because X14 manufacturer doesn't provide the ODD. You can buy it easily from local store or from online store like Amazon. And, many laptop users already have it.

6-1. Ripping format and converting

The X14 offers seven (7) ripping formats such as CAF, WAV, AIFF, MP3, Ogg, FLAC and ALAC. You can choose one of them. No matter which format is selected during ripping procedure, once the X14 will rip the CD to WAV format first, and then as background job, It will be converted to the selected format. Converting lead-time will be almost same as actual playing time. Files that have not been converted are not visible when you click the folder or album. The name of album or folder containing the file that has not been converted is displayed in blue color.

6-2. Where ripped files are stored

All music that you load (rip) onto the X14 will be stored in the 'My Music' folder of main storage (green colored storage on the Browser mode).

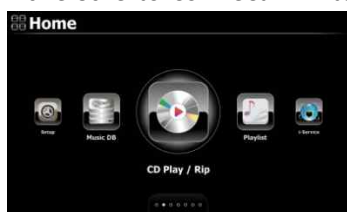
6-3. How to register (scan) ripped files into the Music DB

Index of the ripped files will be registered (scanned) into the Music DB of the X14 automatically.

【 TIP 】 It is recommended that you should connect to the internet to make use of the CD metadata server when loading (ripping) CDs. For CD metadata and cover art, we offer Gracenote service. Please refer to 4-10. License for Gracenote (Page 68)

6-4. When the X14 is connected to network (Internet)

Make sure to connect X14 to network (Internet) before inserting CD into X14.



① Insert CD into X14, then all tracks will be listed on the screen.

【 TIP ② 】 If the X14 is connected to the Internet, but displays the track lists instead of the actual music titles, eject the CD & re-insert it into the optical drive again.



② For CD loading (ripping), press the MENU button.

Then the below popup screen is displayed showing "Ripping All".

6-4-1 Ripping All

This procedure is for loading (ripping) a whole CD.



③ Select Ripping All and press OK button.

Then the below screen is displayed.



④ Select one of five (6) options (WAV, ALAC, AIFF, MP3, OGG, FLAC) and press OK button.

Then, the below screen is displayed.

The X14 retrieves each information (title, artist, etc) from the CD metadata server



⑤ Press OK to start CD ripping

※ NOTE: In case that multiple CD metadata exist, you can select other metadata for the CD with the NEXT icon, and click Album cover art if you want to change album cover art



⑥ Now, it's ripping

6-4-2. Ripping Tracks

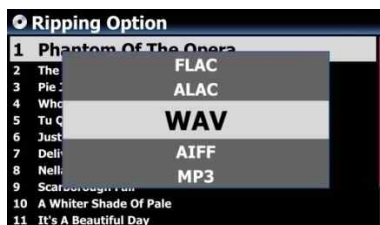
This procedure is for loading (ripping) individual tracks.



① Select Ripping Tracks and confirm with the OK button.
The below screen is displayed.



② Select the track(s) you want to load (rip) with RIGHT ARROW key, the selected tracks will change to red. After finishing selecting, select OK and confirm with the OK button.



③ Select one of the 6 file type options and confirm with the OK button.

From here, next procedures are same as the 'Ripping All'

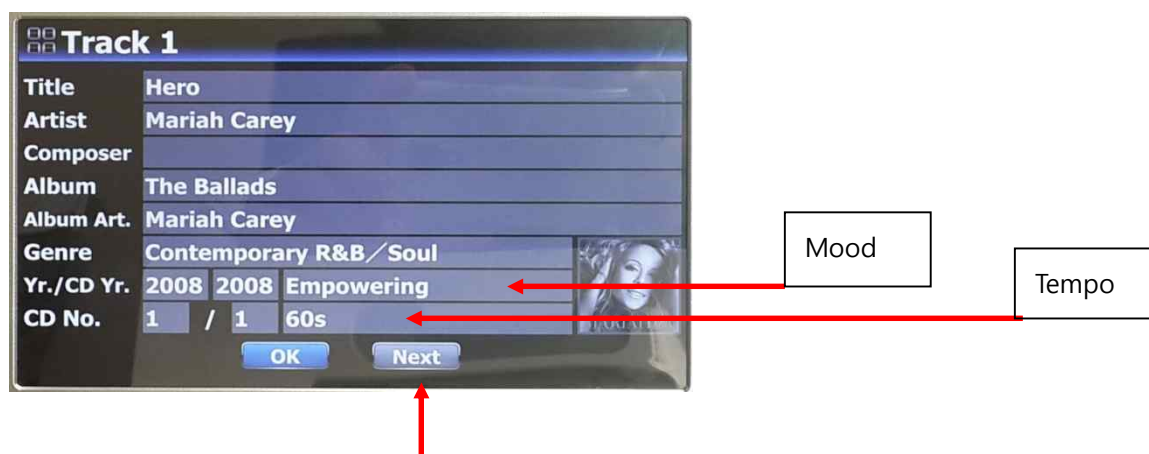
【 TIP ③ 】 When a CD is inserted into the optical drive, the X14 loads (rips) the CD to a WAV format first, even if the MP3 option was chosen. The X14 then converts the WAV file into MP3 format afterwards in the background. The X14 continues to convert the files if it is turned on. The X14 will pause the conversion process during ripping.

【 TIP ④ 】 Explanation of each item on the ripping screen.



- ① Title of track being ripped
- ② Number of tracks to be ripped/ total no of tracks in CD.
- ③ Title of playing time
- ④ Total time for playing
- ⑤ Equivalent play time
- ⑥ Ripped time

6-4-3. Structure of ID3 Tag Edit Dialog Screen in CD Ripping



This 'Next' key will show up in case that metadata for this CD exists in CD metadata company server with multiple numbers

6-4-4. How to merge all tracks of Multi-Album into one folder(one album) when ripping multi-album CDs

For multi-album, you can rip all tracks of multi-albums into one folder(one album)



For example, you have Multi-Album, The world's Greatest Ballads, which is composed of three(3) CDs. You already ripped CD1

- ① Insert CD2 and try ripping procedure. You will meet Tag Edit screen like left. Place the cursor on the Album name and press OK



② Then, you will see 'Album Help' screen like left, and the cursor will be placed on the album which has same 1st alphabet as CD2's album name. This will help you to look for the CD1 easily.

③ Place the cursor on the CD1 album and press OK.



④ Please select OK to change CD number to '2'



⑤ CD1's album name will be inserted into CD2's Tag Edit screen like left. Confirm OK



⑥ Select OK and confirm it



6-4-5. How to merge all tracks of Multi-Album into one folder(one album) after you already rip multi-album CDs to separate folders(albums)



For example, you have multi-album, The world's Greatest Ballads, which is composed of three(3) CDs. You already ripped them separately

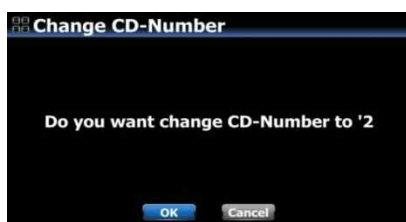
① Completing CD ripping for all three CDs, go to MusicDB. There will be three(3) albums like left picture.



CD1

CD2

CD3



② Place cursor on the CD2(2nd Album) and press MENU key
③ Confirm 'Album Edit' to open Tag Edit screen like below picture.

④ Cursor will be on Album name like left picture. Press OK key to open 'Album Help' screen like below.

⑤ Look for the Album of CD1 and select it with OK key

⑥ Left screen will show up to get CD number. Select OK and confirm it.

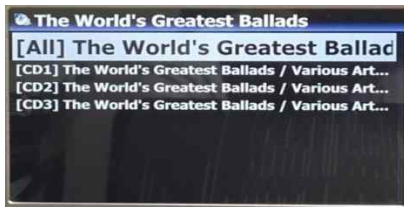
⑦ Then, Tag Edit screen of CD2 will get proper Album name and CD number like Left.

⑧ Select OK and confirm it.

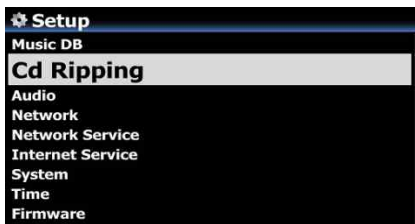
⑨ CD2(2nd Album) was merged to CD1(1st Album). There will be just two Albums(CD1 and CD3) like left screen.

※ For CD3(3rd Album), you may send it to the CD1(1st Album) by the same procedure as above.

⑩ Finally, there will be only one Album like left. Click it. There will be four folder like left. There will be all tracks in the [All] folder(Album)

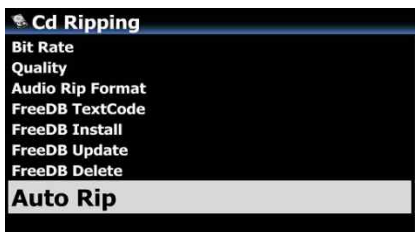


6-4-6. Automatic Ripping(Auto Rip) function



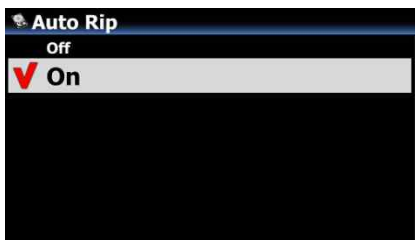
When you want to rip many CDs, this function will be helpful.

- ① Go to SETUP>CD Ripping> Set it as ON (※ Default: OFF)
- ② Insert CD into CD drive
- ③ X14 will start CD ripping and eject CD by itself after finishing ripping without pressing any key



※ NOTICE

- 1) If CD ripping is not successful, X14 will show up 'error message' and will wait for your confirmation.
- 2) After ripping, you don't like metadata or album cover art missing, you can edit the album tag info and get new album cover art through 'Album Edit' and 'Cover Art' functions



6-5. In the case that the X14 is NOT connected to a network (Internet).



- ① Insert CD into X14.
- ② Select CD Play/Rip icon and press OK.
Track list is displayed as in the screen below.



- ③ For loading (ripping), press MENU button.
The below screen "Ripping All" is displayed.

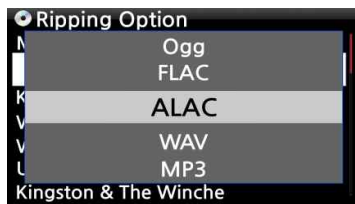
【 TIP 】 Without a network (Internet) connection, the inserted CD will get metadata (tag info) if you installed FreeDB onto X14 storage. The FreeDB data CD is bundled in the X14 package.

6-5-1. Ripping All

This procedure is for loading (ripping) all the tracks on CD.



④ Select Ripping All and confirm it with OK button.



⑤ Select one of the 5 file type options and confirm by pressing the OK button. The below screen will be shown.



⑥ Enter the info manually with remote controller or USB keyboard.

You must enter Album name to go to next step.

【 TIP ⑥ 】 To use USB keyboard, ensure to connect a USB keyboard into the X14 before you boot the unit.



⑦ Select OK to confirm the entry. Then, loading (ripping)

Now loading (ripping).



⑧ Loading (ripping) has finished. Select OK and confirm by pressing OK. The screen below will be displayed.



⑨ If you did not enter info for title, artist, year or genre on the previous step, you can enter all the info here.

⑩ After entering the info, select OK and confirm it by pressing the OK button.

※ NOTE: You can edit tag information for loaded CDs in Music DB of the X14 easily through MusicX NEO app for Desktop PC(Windows or Mac)

6-5-2. Ripping Tracks

This procedure is almost the same except you are required to select the track you wish to load (rip).

6-6. If the FreeDB is installed onto the storage of the X14

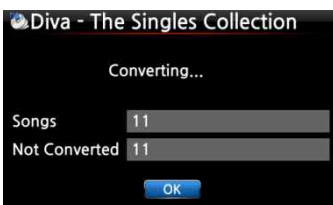
If you installed the FreeDB database onto the storage of the X14 via the supplied DVD it will work as if the X14 is connected to network (internet). The X14 will display the CD information from the FreeDB database installed onto the storage.

6-7. To check the status of CD ripping and converting.

You can check the status of CD ripping and converting by using this function.

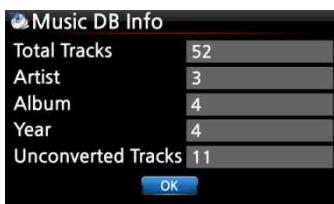
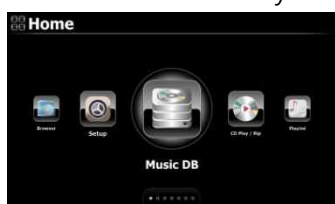


- ① Place the cursor on the album you want to check.
- ② Press INFO key



- ③ The status information will show up like left.

※ NOTE: If you wish to check the information and the status of the conversion process for the whole of the Music DB of the X14, go to the home screen. Place the cursor on the Music DB icon and Press the INFO key.



7. How to use the Music DB (database)

7-1. Play music loaded (ripped) onto the X14.

The Music DB contains loaded (ripped) music.



① Select Music DB icon, confirm with the OK button.

The album list is displayed as shown below.



② Select the album you wish and confirm with the OK button.

All the music in the album is displayed, see below.



③ Select from the music list and confirm with the OK button to start playing the music.



Now playing.

【 TIP ② 】Pressing the INFO key will change the screen as follows;

[Playing Screen]



[INFO Screen]



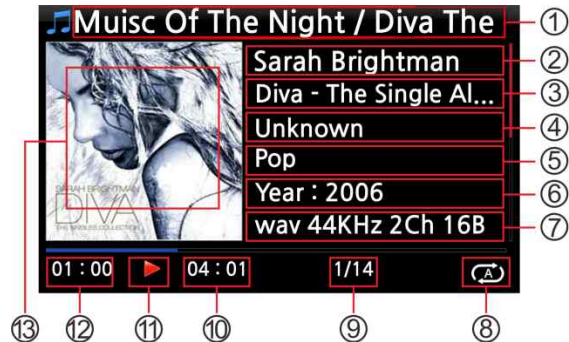
[Title List Screen]



【 TIP ③ 】 On the album list screen, press the MENU button on the remote control, to show other categories such as artist/track list, artist/album list, genre/track list, genre/album list or titles, see below



【 TIP ④ 】 Playing screen ----- press INFO button ----- Detailed info of current music



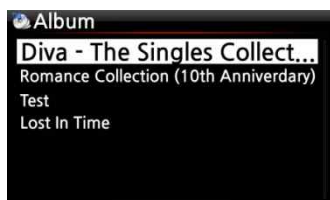
- ① Title / Album of current music
- ② Title of previous music
- ③ Title of current music
- ④ Title of next music
- ⑤ Play mode
- ⑥ Alarm set icon
- ⑦ Auto shutdown set icon
- ⑧ Sleep set icon
- ⑨ # of music playing / Total music #
- ⑩ Total time of current music
- ⑪ Play icon
- ⑫ Played time of current music
- ⑬ Album art of current music

- ① Title / Album of current music.
- ② Artist
- ③ Album
- ④ Composer
- ⑤ Genre
- ⑥ Year
- ⑦ File format/Frequency/Bit rate
- ⑧ Play mode
- ⑨ # of music playing / Total music#
- ⑩ Total time of current music
- ⑪ Play icon
- ⑫ Played time of current music
- ⑬ Album art of current music

7-2. SEARCH function.

In the case that there are many album lists in Music DB, the search feature can be useful.

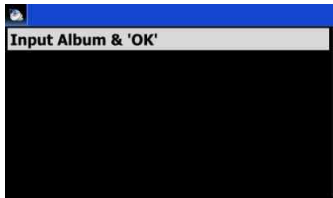
SEARCH function



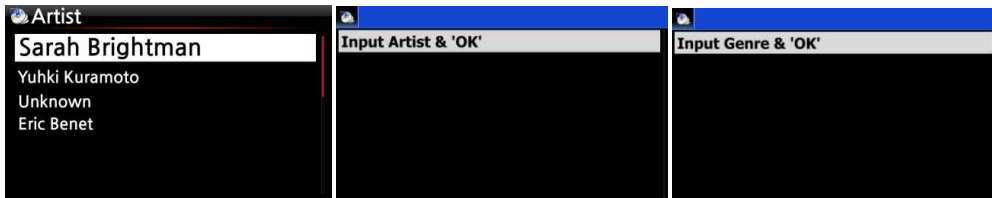
① On the album list screen, press SEARCH button to display the left/below screen.

② Enter the album name or part of the album name into the album name field using the remote control.

※ NOTE: To view corresponding lists type the first few characters of the album



【 TIP ⑤ 】 You can run the SEARCH function by artist from the artist list screen, by genre on the genre list screen or by title on the title list screen, see below.



7-3. How to manage Music DB

The X14 allows you to manage the Music DB. You can delete or rename albums, artists and genre. You can export music from other storage devices (USB memory sticks or other hard disks) to Music DB folder.

7-3-1. Deleting or renaming music in the Music DB.



- ① Open the album list, artist list or genre list.
- ② Place the cursor on the list you would like to delete/rename.
- ③ Press the MENU button. The menu screen is displayed as shown below.
- ④ Select Delete or Rename and confirm with the OK button.
- ⑤ Select OK and confirm with the OK button.

【 TIP ⑥ 】 You can also run this function for the artist list and the genre list by using the same procedure.

7-3-2. Cover Art



You can add album cover art for an album in MusicDB

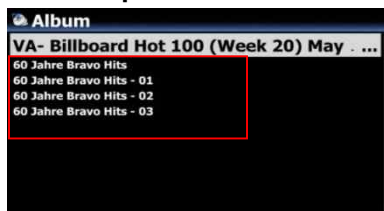
① Place the cursor on the album list to which you want to add album cover art.

② Press MENU key to open menu window like left. Then, you can follow up as the window guides you.

7-3-3. Album Edit for Multi-Album

There is a Multi-Album which is composed of several CD like C1, C2, C3, C4, etc. You can merge C1, C2, C3 and C4 into folder(album)

For example,



※ The 60 Jahre Bravo Hits is a multi-album, which is composed of four(4) CDs. You can merge all tracks of four CDs into one album name(60 Jahre Bravo Hits)



① Place the cursor on the 60 Jahre Bravo Hits -01(This is CD2), and press MENU key

② Select Album Edit to show up the below screen



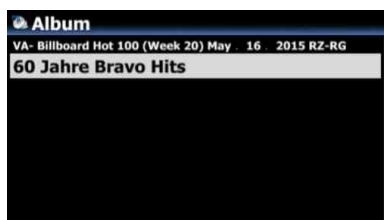
③ You can edit Album name(60 Jahre Bravo Hits - 01) to target one(60 Jahre Bravo Hits) including other items.

※ If you press OK key when the cursor is in album name, the 'Album Help' screen will show up. You can select target album here



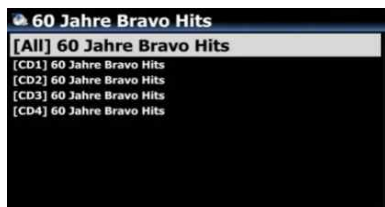
④ After finishing editing the screen, please confirm with OK button.

※ You can merge other CD2, CD3, CD4 like above.



After finishing merging all CDs, the album looks like left screen.

Select it and press with OK key. Then, it looks like below screen. There will be five(5) folders like [All], [CD1], [CD2], [CD3], [CD4]



7-3-4. How to export music from the Music DB to other storage devices (HDD or USB).

You can export music from the Music DB to other storage devices such as; an external HDD or USB by following the steps below:



① Go into the Music DB using the remote control. You can see the Album list. Select the folder (Album) or the music you wish to export.

② Press the MENU key and select Export Songs, see screen shots shown on the left

③ Confirm with the OK key, to display the next screen, shown below.



④ Select the destination; HDD or USB and confirm with the OK key. Then the below screen is then displayed.



⑤ Select New Folder and confirm with the OK button to create a new folder. The screen below is then displayed.



⑥ Titled the input folder and select OK and confirm with the OK key

⑦ For example, if you input Diva – The Singles Collection and confirm, the screen below is then displayed.



⑧ Place the cursor on Diva – The Singles Collection and select using the OK button. The screen below is then displayed.



- ⑨ Select Export Start and confirm with the OK key. The Export function will commence.



Now exporting music.

7-3-5. Creating .M3U and .PLS files when exporting



When you run 'Export Song' function, X14 will create .M3U file and .PLS file also in the target folder. For playlist icon on the home screen, you can export it to outside like USB

7-3-6. History function

You can list a maximum of 10 recently played songs from the Music DB using this function.



- ① Go into the Music DB
- ② Press the MENU key
- ③ Select 'History' and confirm with the OK key, as shown in the screen shot on the left.

7-3-7. Set 'Playing Section' to play it repeatedly

[Playing Screen]



- ① On the Playing Screen, if you press LEFT ARROW key at a certain point, the point will be 'starting point'.

- ② If you press RIGHT ARROW key at a certain point, the point will be 'ending point'.

※ NOTE

- 1) If the 'Playing Section' is set, it will play repeatedly on the playing section
- 2) Numeric key of remote control (jump function) or -15/+15 SEEK key will be helpful to set 'playing section' easily.



※ In case that 'playing section' is already set, each key works like below.

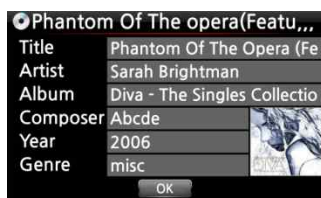
- * -15(SEEK) Key: Pressing the -15 Key one time makes 'Playing Point' move backward by 15 seconds playing time.
- * +15(SEEK) Key: Pressing the +15 Key one time makes 'Playing Point' move forward by 15 seconds playing time.
- * LEFT ARROW Key: When 'Playing Point' is below 50% of total playing time, LEFT ARROW key will make 'Starting Point' move backward by 0.25 seconds
- * RIGHT ARROW Key: When 'Playing Point' is below 50% of total playing time, RIGHT ARROW key will make 'Starting Point' move forward by 0.25 seconds
- * LEFT ARROW Key: When 'Playing Point' is over 50% of total playing time, LEFT ARROW key will make 'Ending Point' move backward by 0.25 seconds
- * RIGHT ARROW Key: When 'Playing Point' is over 50% of total playing time, RIGHT ARROW key will make 'Ending Point' move forward by 0.25 seconds
- * PREVIOUS key: 'From current point to end' will be playing section.
- * NEXT key: 'From beginning to current point' will be playing section.
- * STOP key: Playing section will be cleared.

8. Editing the TAG information of the music in the Music DB

You can edit the TAG information of music such as the title, artist, album, year or genre by following the steps below:



- ① Place the cursor on the music you wish to edit.
- ② Press the MENU button and select TAG Edit and confirm with the OK button. The screen below is then displayed.

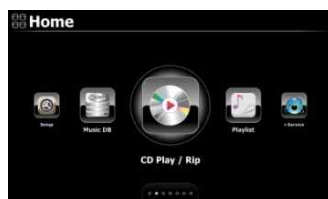


- ③ Using the remote control or USB keyboard you can edit the information.
- ④ Select OK and confirm with the OK button.

【 TIP 】 You can edit contents in the Music DB of the X14 easily using the MusicX NEO app for Desktop PC (Windows and Mac)

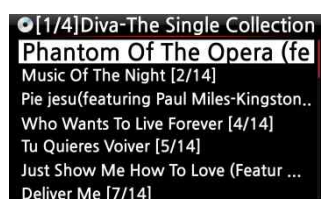
9. Audio CD direct play

9-1. If the X14 is connected to a network (Internet)



- ① Insert a CD into the X14.
- ② Then, all tracks will be displayed automatically

【 TIP ② 】 If the X14 is connected to CD database server through the network, the below screen will be displayed.



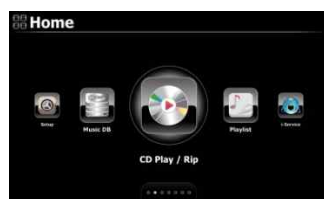
- ③ Select the music you would like to play and press the OK button.

The playing screen is shown like left.

【 TIP ③ 】 If you press the INFO button on the above Playing Screen, you can see detailed information for the music currently playing, see screen shot below.

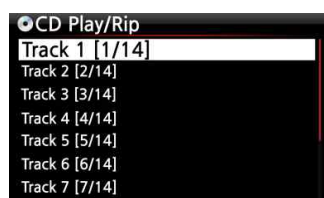


9-2. If the X14 is NOT connected to a network (Internet)



- ① Insert a CD and select CD Play/Rip icon and confirm with the OK button.

The track list is displayed as shown below



- ② Select the track you wish to play and confirm with the OK button.
- The track will then start playing



Now playing.

9-3. In the case that you have installed the FreeDB data onto the storage of the X14

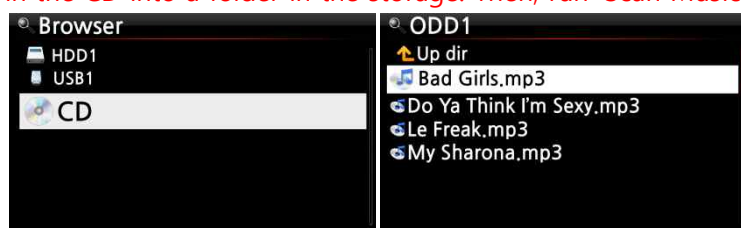
If you installed the FreeDB data onto the storage of the X14, it will work just like the X14 is connected to a network (Internet). The X14 displays the CD information from the FreeDB data installed on the storage.

10. Data CD direct play

The X14 will support music files burned to CD R/RW or DVD R/RW discs

- ① Insert the data CD into the X14 and navigate to the Browser using the remote controller.
- ② You will see the CDROM.
- ③ Select and confirm with the OK button and select the music to play.

【 TIP 】 If you wish, you can add music files into the Music DB. First, you need to copy music files in the CD into a folder in the storage. Then, run 'Scan Music DB' function for the folder.



11. Playlist

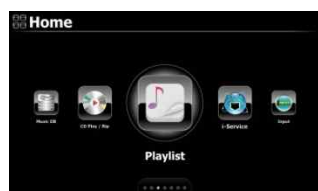
The X14 has three (3) kinds of playlist. The 1st one is just the normal Playlist function, the 2nd is 'My Playlist', and the 3rd is 'Advanced My Playlist'. The normal Playlist does not disappear by stopping or powering off. However, My Playlist and Advanced My Playlist are virtual playlists. The virtual playlist is removed by stopping or powering off.

※ NOTE: If you run 'My Playlist function' or 'Advanced My Playlist function', the My Playlist is created automatically in the Playlist folder.

11-1. Playlist

11-1-1. How to make a Playlist

Ensure there are music files in the Music DB before making a Playlist.

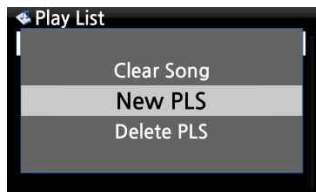


- ① Select the Playlist icon and press OK.
The screen below is then displayed.

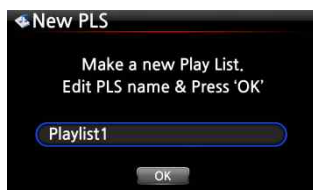
【 TIP ① 】 The Auto Play folder is created automatically and it can't be removed by the user.



② Press the MENU button to show a popup menu, see screen shot below.



③ Select New PLS and confirm with the OK button.
The screen below is then displayed.

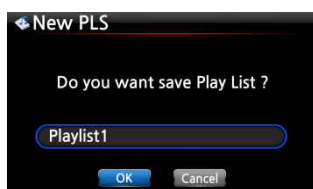


④ Enter a playlist name and select OK. Confirm the selection with the OK button.
The album list is then displayed in the Music DB, as shown below.



【 TIP ② 】 You can add music to a playlist by track or by album.
⑤ You may see + icon at the end of the cursor on an album. Press the PLAYLIST key to add the album to the playlist.
※ NOTE: You can move the cursor by using the arrow key (UP/DOWN)

⑥ Press the OK key if you would like to go down the track list of an album



⑦ You can add more music (tracks) or albums using the above procedure.

⑧ After adding a track or album, press RETURN to go to the screen shown below.

⑨ Select OK and confirm with the OK button.

Then, the playlist 1 is stored in the Playlist folder, see below. You can view the playlist if you go into the Playlist folder through the Playlist icon on the home screen.



Playlist has been created

※ NOTE: To add more songs or albums to the playlist you have created, move the cursor onto the intended playlist and press the MENU key.

11-1-2. How to make a Playlist with whole tracks in album, Genre, or Artist

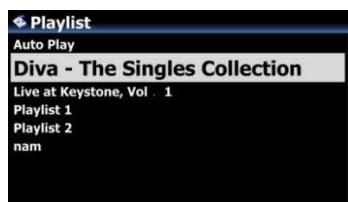


① For example, go to Album list and place the cursor on the target album

② Press PLAYLIST key of remote control



③ Edit Playlist name as you want, and press OK. Go to Playlist and there will be the playlist like below picture.



11-1-3. How to add songs to a Playlist whilst playing music

When you are enjoying music from the Music DB and you come across a track you would like to add to a playlist, you can add it to an existing playlist in the Playlist folder by following these steps:

[Playing Screen]



① Press the PLAYLIST key whilst in 'Playing Screen' mode as shown above.

② Select the playlist you would like to add the song to.

③ Confirm with the OK key and the song will be stored in the selected playlist.

11-1-4. Shortcut to add song(s) in MusicDB to existing playlist

① Place the cursor on a title, album, genre or artist in the MusicDB that you want to add to an existing playlist

② Press 'PLAYLIST' key of remote control

③ Select the playlist where you want to add the song(s), album, etc

④ Press 'OK' key to start adding

11-1-5. How to play a Playlist



① Select the Playlist icon on the remote control or press the PLAY LIST hotkey on the remote control. The following screen is then displayed.



② Select the Playlist you would like to play and confirm with the OK button.

You will then see the music in the playlist as shown below.



③ Select the music you would like to play and confirm with the OK button to play the selected music.

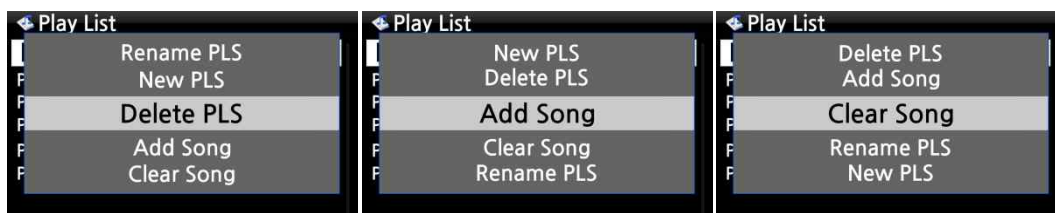
【 TIP ③ 】 If you set the play mode as Repeat All, all music in the selected playlist will be played continuously in sequence.

11-1-6. How to change song position in a Playlist

- ① In a Playlist, select a song or songs with RIGHT arrow key.
- ② Move the cursor with UP/DOWN arrow key to the place where you want to move the selected song/songs.
- ③ Press LEFT arrow key to paste the selected

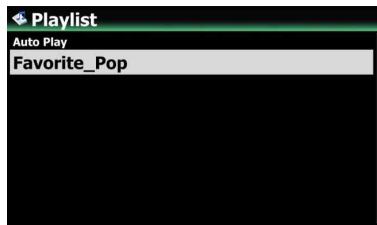
11-1-7. How to edit a Playlist

Go to the Playlist screen. Press the MENU button on the remote control. You can delete existing playlists, add music to existing playlists or clear music from an existing playlist.

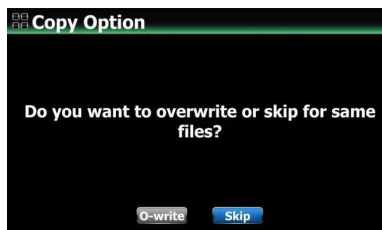
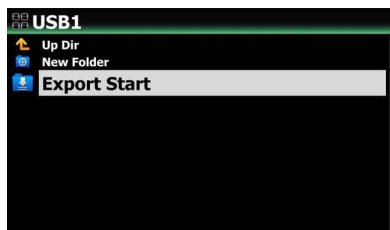


11-1-8. How to export Playlist

You can export Playlist to outside like USB memory stick to use it in your car or for other devices



- ① Select playlist you want to export
- ② Press MENU key to open menu window
- ③ Select 'Export Songs'
- ④ Select target storage and folder
- ⑤ Click 'Export Start' to go next step
- ⑥ Select 'Overwrite' or 'Skip' to start exporting

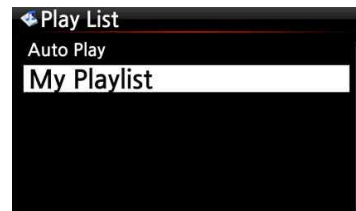
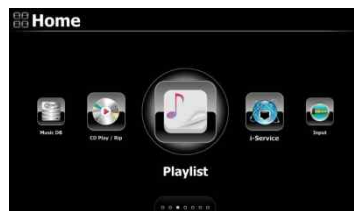


11-2. My Playlist (Virtual Playlist)

This is a virtual playlist function. After you have made a My Playlist, it will be removed if you stop playing or power off. This function works only in the Music DB. It will not work in the Browser.



- ① Place the cursor on the list of songs, albums, artists or genres.
- ② Press the MY PL key on the remote control.
- ③ The selected album will be played after showing [Creating Playlist 'My Playlist'] as shown below.
- ④ If you go into the folder of Play List with the RETURN key, there will be My Playlist displayed



【 TIP 】 When My Playlist is being played, you may look for more albums or songs with RETURN key to add them into the current My Playlist. Place the cursor on the album or song, and press MY PL key. The below picture will show up.



- Play Now: If you select Play Now and confirm, the selected album will start playing.
- Play Last: The selected album will be added to the currently playing list (album) as the last entry.
- Play Next: The selected song will be added to the next of the current playing song.



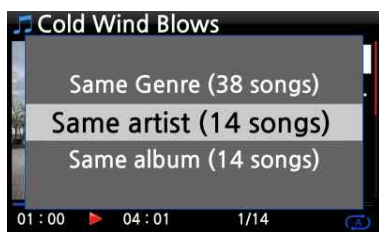
11-3. Advanced My Playlist (Virtual Playlist)

You can create a Advanced My Playlist (Virtual Playlist) when you come across a track you would like to add by its artist, genre or album.



- ④ When you come across the track, press the AD MY PL key at the 'Playing Screen, see left.

- ① The popup menu will appear as shown on the left.



- ② Select one choice and confirm with the OK key

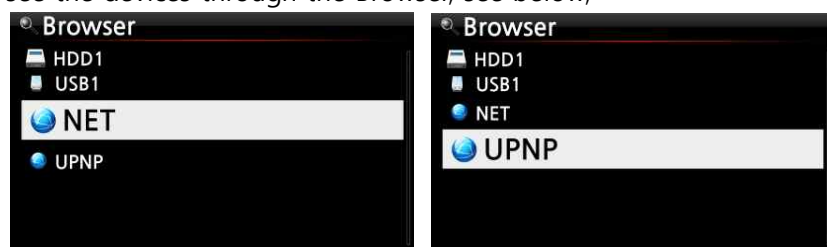
- ③ The selected song will start playing, and will be stored as My Playlist.

12. The Music Streaming function

As the X14 supports various network protocols such as; UPnP Server/Client/Renderer and Samba Server/Client, you can enjoy various Music Streaming functions with the X14.

12-1. UPnP Server/Client and Samba Server/Client function

You can use the X14 together with various kinds of devices that support UPnP Server/Client or Samba Server/Client. If the devices are connected to the X14 through the same network, you can see the devices through the Browser, see below;



※ For connecting to the shared folders of networked devices, refer to 4-5-2 Network Sharing (Samba Client) (Page 50)

12-2. Multiple X14's on the same network.

Place the X14 with the storage (music server) in your living room. A second X14 (without storage) is placed in room #1 or room #2. You can then play files from the X14 (music server) on the X14's without storage, see schematic below.



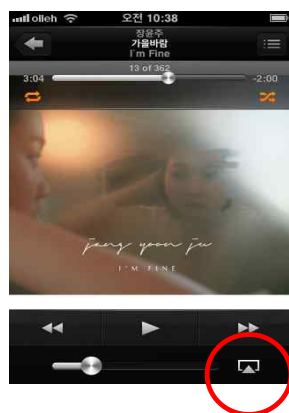
12-3. The X14 works as a Music Server with Sonos.

Sonos users can use the X14 as a music server with their Sonos device.



12-4. Shareplay(Airplay) function

This is the same function as Apple 'Airplay'



You can play the song files in the iOS devices through the X14.

- ① Start music player in your iOS devices like left picture.
- ② Click the red circled icon
- ③ The right picture will show up
- ④ Select the X14 to play it via the X14.



13. i-Service

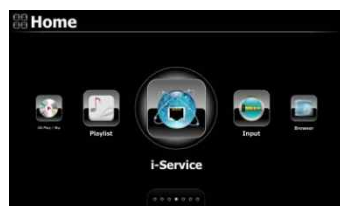
Ensure the X14 is connected to the network (Internet) before using the i-Service.

【 TIP ① 】 There might be a slight delay when tuning i-radio stations (buffering). This delay may occur due to the network (Internet) connection.

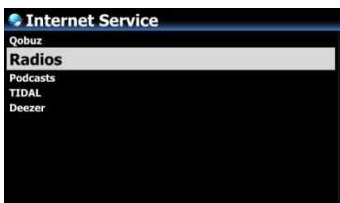
13-1. Internet Radio

13-1-1. How to play the Internet Radio.

You can enjoy many internet radio stations. The X14 Internet radio is based on the Airable server. It provides many stations by genre, by country, etc.



【 TIP 】 When the i-Service icon is highlighted the X14 is successfully connected to the network.



① Select the i-Service icon and confirm with the OK key. The below screen is then displayed.



② Select the Radios and confirm with the OK key. The below screen is then displayed.

③ Here you can select an item you want

④ There will be station lists in each folder.

⑤ Select a station and confirm it with OK key to start playing



Now playing.

13-1-2. How to add your favorite stations into Favorites.



Whilst playing a station press the FAVORITE button on the remote control to add the station to Favorites.

The station will then appear in Favorites folder, as shown left.

13-1-3. How to run search function on the Internet Radio



You can search for a station on the Internet Radio as follows; on the Internet Radio screen, press the SEARCH button on the remote control, the left screen will then be displayed. Input the first few alphabetical characters of the station and select OK and confirm with the OK key. Similar named stations are also displayed.

13-1-4. Recording from the Internet Radio

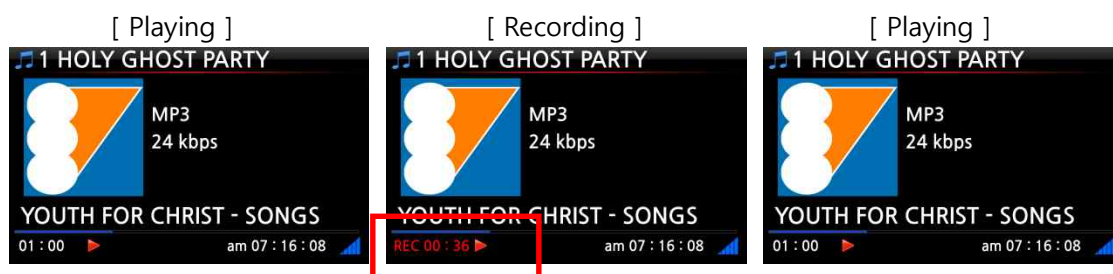
※ NOTE 1: We recommend NOT to record continuously for over three (3) hours.

※ NOTE 2: Space required for recording in MP3 format: 1 hour(54MB)/2 hours(108MB)/3 hours(162MB)

※ NOTE 3: X14 will record i-Radio by the formats like MP3, AAC or ASF according to the station's streaming format.

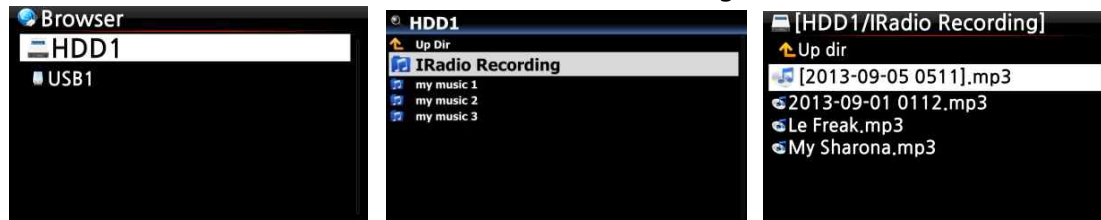
13-1-4-1. How to record

- ① While the I-Radio is playing, press the REC button to start recording.
- ② Press the STOP button to stop recording



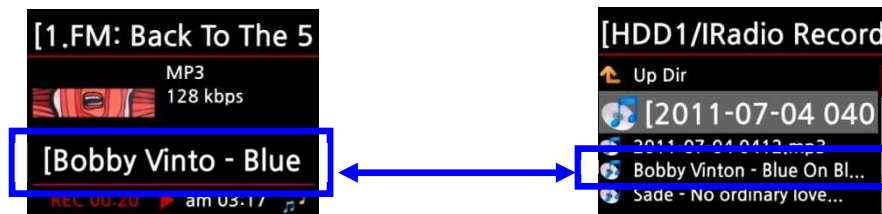
13-1-4-2. Where is the recorded file stored?

The X14 creates a [IRadio Recording] folder on the hard disk automatically when recording has started. All recorded files are stored in the IRadio Recording folder, see below.

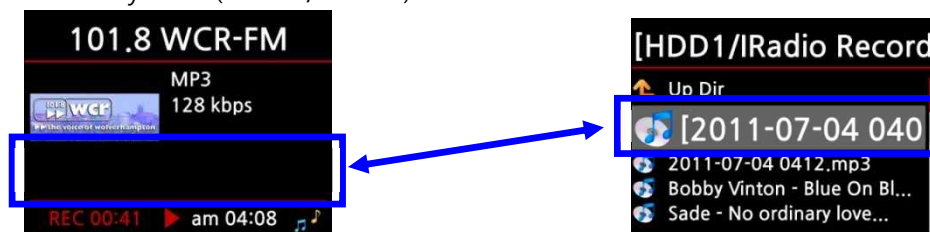


13-1-4-3. The recorded file name structure

The station will show the music title, see below, the recorded file name will be the music title.



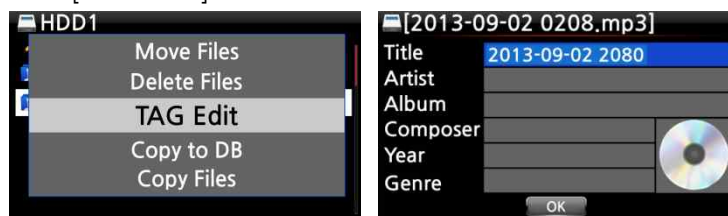
If the station does not show any title, see screen shot below, the recorded file name will be 'year-month-day-time (minute/second)'.

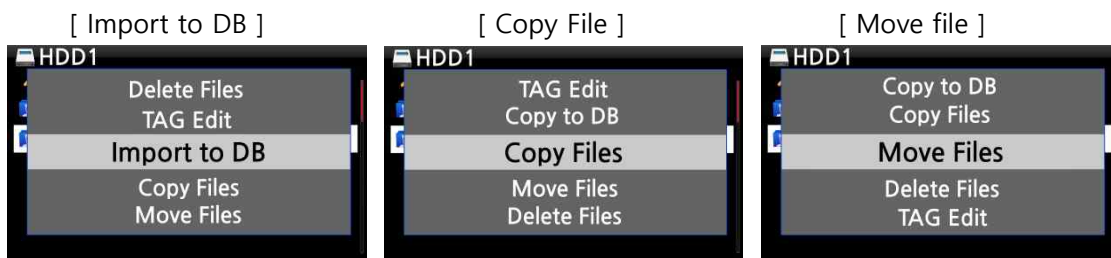


13-1-4-4. How to edit the recorded file

You can edit the recorded file easily with the file management function. Place the cursor on the recorded file and press the MENU button to run the following functions:

[TAG Edit]





13-1-5. Reservation Recording

This function works for the stations stored in Favorites folder.

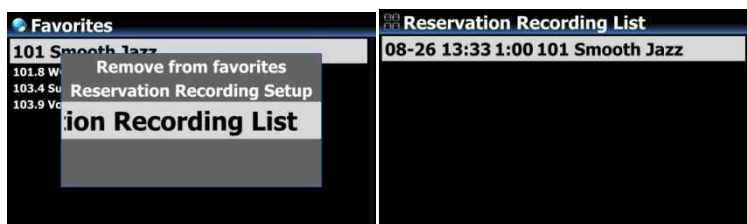
13-1-5-1. How to set reservation recording



- ① Open 'Favorites' folder of Radios.
- ② Place the cursor on the station you want to set
- ③ Press MENU key to open menu window like left.



- ③ Input date, time, etc on the setup window like left
- ④ Confirm it with OK key



※ To check if Reservation Recording Setting is well done, press MENU key at the Favorites list, and select Reservation Recording List to show recording list like left.



※ The station set as 'reservation recording' will be listed like left picture.

- Aug 26th, 13:33 -----> Recording start
- 1:00 -----> It will record for one hour.
- 101 Smooth Jazz -----> Station name

13-1-5-2. How does the reservation recording start

1) In case that you powered X14 off after recording setting (e.g. 4:00PM / record for 3 M)

- X14 will start booting up automatically at 3:57PM (3 minutes before set time 4:00PM)
- X14 will start playing the station at 3:59PM (1 minute before set time 4:00PM). Volume is set as 'Mute' automatically.
- X14 will start recording the station at 4:00PM and keep recording until 4:03PM.
- X14 will power off automatically by itself as soon as it finishes recording at 4:03PM.

2) In case that you keep X14 powered ON after recording setting (e.g. 4:00PM / record for 3M).

- X14 will stop current job (playing) and start playing the station at 3:59PM (1 minute before set time).
- X14 will start recording the station at 4:00PM and keep recording until 4:03PM.
- X14 will stop recording at 4:03PM and keep playing the station continuously.

※ Set for multiple stations

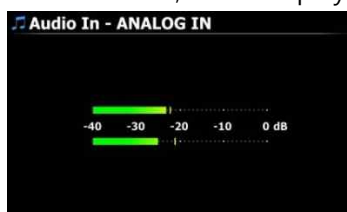
You can set reservation recording for multiple stations. But, set time must NOT overlap each other. Of course, you have to consider needed time for each activity described above (How to work). If you do not give interval enough for each station and each activity, this function will not work properly. (e.g. You set recording at 4:00PM, and you powered off X14 at 3:58PM)

※ **NOTE: The recorded file will be stored in the 'IRadio Recording' folder of hard disk. You can see it through 'Browser'. You can edit the recorded file with the Tag Edit function.**

14. Input(Analog In)

14-1. How to play an external device via Analog Input

As the X14 has an Analog Input, you can connect external devices like TV, Player or Mobile phone, etc to the X14, and can play it or record the audio (signal) coming from outside device.



- ① Connect external device to the X14 with proper cable.
- ② Press ANALOG IN key of remote control
- ③ Have the external device start playing

14-2. How to record

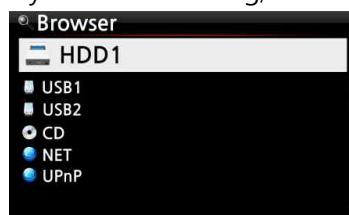


While playing music through the Analog IN of the X14, press the REC key to start recording the music playing, see screen shot to the left. Press the STOP button to stop recording.

<NOTICE> It will be recorded as WAV format with 48Khz, 96Khz or 192Khz sample rate as you selected at Recording Sample Rate of SETUP

14-3. Where is the recorded file stored ?

If you start recording, the X14 creates the folders automatically where the recorded files are stored.



① Select Browser icon on the home screen, and confirm it with OK key.

② Select HDD1 and confirm it with OK key



③ There will be My Recording/ANALOG Recording folder

④ Select it and confirm it with OK key to see the recorded file like below picture.

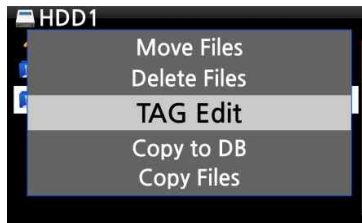


14-4. How to edit the recorded file



① Place the cursor on the ANALOG Recording folder or on the recorded file in the folder, and press the MENU button.

② Select TAG Edit and confirm with the OK key, the edit screen will be displayed as follows.



③ Put the Title, Artist, Album, Composer, Year or Genre. If you put same album name into each recorded file, all files which have the same album name will be sent (imported) to the same folder (album) in the Music DB when you try ripping (loading) the edited files to the Music DB.

※ The edited file name will be changed to [Album name]+Title

15. USB host port for USB devices

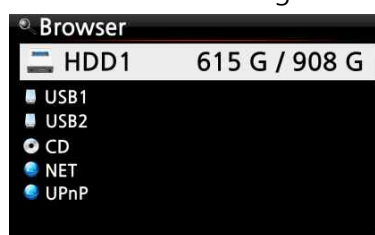
You can use various USB devices like USB memory stick, MP3 Player, USB external hard disk, etc with the USB host port of X14.

- ① Plug the USB device into the USB host port of the X14.
- ② Go into the Browser screen. The USB device appears in the browser screen as shown below.



16. Browser

If you go to the Browser icon, you can run the following functions.



16-1. Play audio file data CDs

NOTE: For playing audio file data CDs directly with X14, you need to buy an external USB Optical Disk Drive separately because X14 manufacturer doesn't provide the ODD. You can buy it easily from local store or from online store like Amazon. And, many laptop users already have it.

The X14 supports data CDs with recorded audio files. The X14 supports various audio files such as; DSD, MQA, ISO, APE/CUE, HD FLAC, HD WAV, MP3, FLAC, WAV, WMA, M4A, AAC, ALAC, AIFF, AIF, Ogg Vorbis, PCM, PLS, M3U, etc.

① Insert the data CD into the X14. ② Select the Browser icon and confirm with the OK button. You will see the data CD. Select the music you would like and play using the OK button.



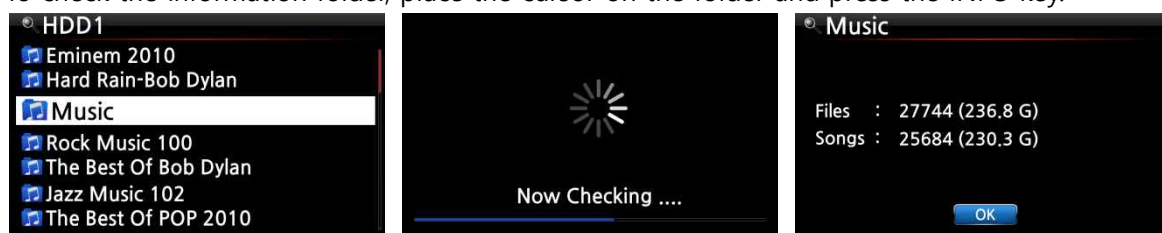
16-2. File Management function

16-2-1. Accessing information on the HDD, USB, folder or file.

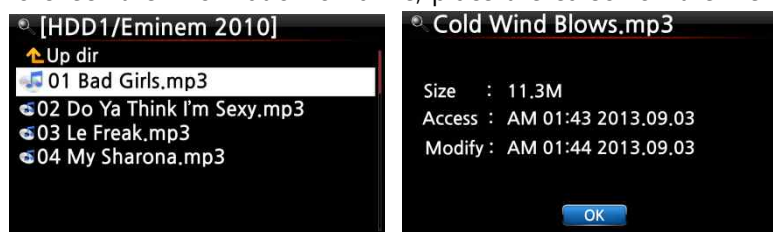
Place the cursor on each drive and press the INFO key. The information is displayed as shown below.



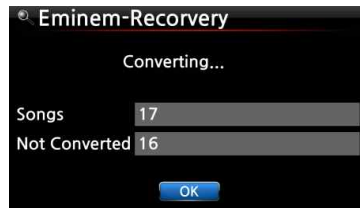
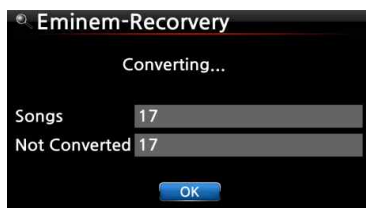
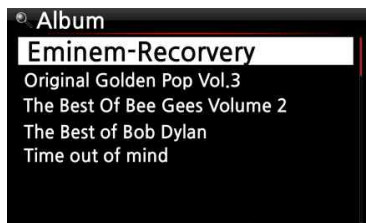
To check the information folder, place the cursor on the folder and press the INFO key.



To check the information on a file, place the cursor on the file and press the INFO key.



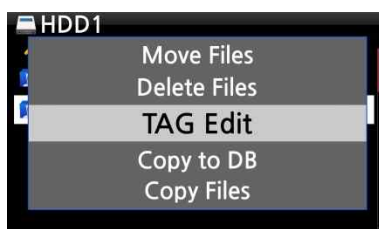
To check the information of a ripping / converting result, place the cursor on the album and press the INFO key.



16-2-2. TAG Edit

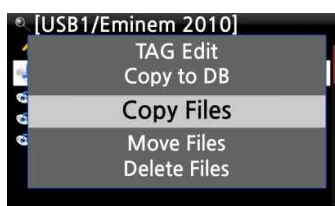
This function is only valid for files not for folders or disks.

Place the cursor on the file you would like to edit and press the MENU key. Select Edit Tag and the edit screen is displayed, see below.



16-2-3. Copy Files

You can copy files or folders by following the procedure below:



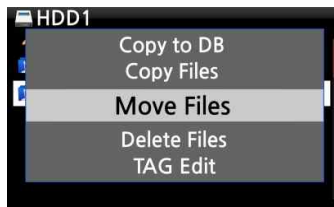
- ① Place the cursor on the file or folder you would like to copy
- ② Press the MENU key and select Copy Files. The screen below is then displayed.



From here, refer to 7-3-4. How to export music from the Music DB to other storage devices (Page 80), as the procedure is exactly same.

16-2-4. Move Files

You can move files or folders using the following procedure:



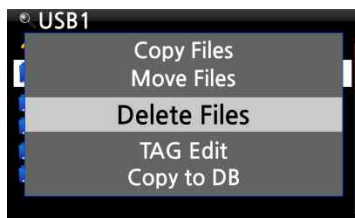
- ① Place the cursor on the file or folder you would like to copy
- ② Press the MENU key and select Copy Files. The screen below is then displayed.



From here, refer to 7-3-4. How to export music from the Music DB to other storage devices (Page 80), as the procedure is exactly same.

16-2-5. Delete Files

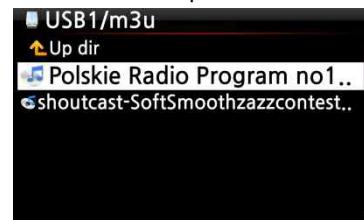
You can delete file or folder using the following procedure:



- ① Place the cursor on the file or folder you would like to delete
- ② Press the MENU key and select Delete Files. Confirm with the OK button to start deleting.

16-2-6. .PLS or .M3U files with Internet radio stations

If you wish to play an individual internet radio station using the X14, you will need to create a PLS or M3U file and put the file (PLS or M3U) onto the storage or USB host of the X14. Once you have created the file you can play the station through the X14 Browser, see example below.



16-2-7. Convert Audio Format



※ This function works on Browser mode only.

- ① If you want to convert the format of tracks in the Music DB, export them into a certain place of hard disk on the Browser with the 'Export Songs' function.
- ② Place the cursor on the file or folder, and press MENU key. (※ With RIGHT ARROW key, you may select multiple song files)
- ③ Select 'Convert Audio Format'. The format option like m4a, wma, wav, mp3, ogg and flac will show up.
- ④ Select one format to start converting.
- ⑤ One folder with the same name as the selected format will be created automatically.
- ⑥ The converted song files will be stored in the folder.

※ NOTE: This cutting function works on Browser mode only.



For example, you recorded iRadio like left screen.

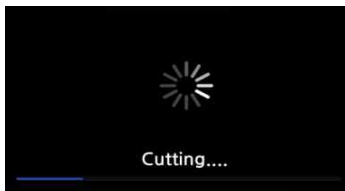
- ① If you go into 'IRadio Recording' folder of HDD1 via Browser, there will be the recorded file (FM - Start It Up.mp3)
- ② Play the file



- ③ Set 'Playing Section' as mentioned on 7-3-8. Set 'Playing Section' to play it repeatedly (Page 82)



- ④ Press MENU key to show up POPUP
- ⑤ Select 'Cut to Wave file' and confirm it with OK key



- ⑥ Progress message



- ⑦ Go into 'IRadio Recording' folder. There will be same name of Wave file.

※ If you cut a Wave file, serial number will be added at the end of the file name.

16-2-8. Cut the recorded file (Cut 'Playing Section')

※ NOTE: This cutting function works on Browser mode only.



For example, you recorded iRadio like left screen.

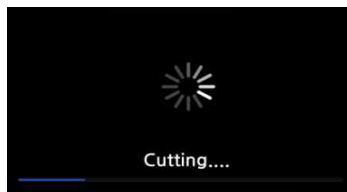
- ① If you go into 'IRadio Recording' folder of HDD1 via Browser, there will be the recorded file (FM - Start It Up.mp3)
- ② Play the file



- ④ Set 'Playing Section' as mentioned on 7-3-7. Set 'Playing Section' to play it repeatedly (Page 87)



- ④ Press MENU key to show up POPUP
- ⑤ Select 'Cut to Wave file' and confirm it with OK key



- ⑥ Progress message

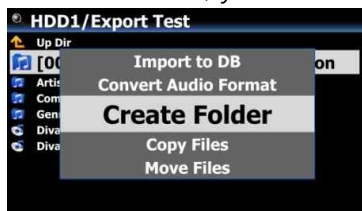


- ⑦ Go into 'IRadio Recording' folder. There will be same name of Wave file.

※ If you cut a Wave file, serial number will be added at the end of the file name.

16-2-10. Create Folder

Via this function, you can make a folder in the Browser as you want.

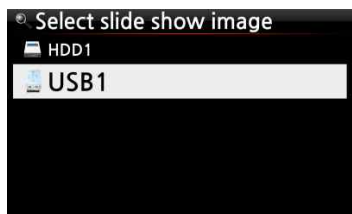


- ① Go to inside of HDD or USB
- ② Press MENU key to open menu popup
- ③ Select 'Create Folder' and confirm it with OK
- ④ Left screen will show up. You can put folder name and confirm it with OK



17. Extra Function

17-1. Photo Slide Show



- ① Prepare photo file in the storage of X14 or in USB.
- ② While playing music, press MENU key on the Playing Screen to popup menu list like below.
- ③ Select Slide Show and confirm it with the OK key.
- ④ You will be guided to select photo file.
- ⑤ Select the 1st photo file and confirm it with the OK key. Then, the slide show will start based on all photo files in the same folder.



※ NOTE: You can set 'Slide Show Effect' and 'Slide Show Time' at SETUP

17-2. Listing by Text or Album cover art

You can list up all information (like album, title, genre, artist, etc) on the screen of X14 by text or album cover art. You can select one of text mode and album cover art mode easily using TEXT/ART button of remote control.

[Text mode]



[Small album cover art]



[Big album cover art]

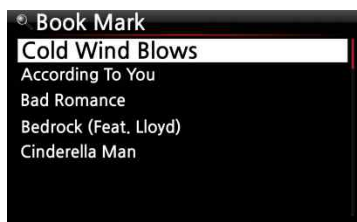


17-3. BOOKMARK

Files can be bookmarked while playing them. This function is useful for long files such as audio books.



- ① Press the BOOKMARK button on the playing screen.
- ② The bookmarked music or story is stored in the Bookmark list as shown below.



- ③ If you would like to list up the bookmarked music or story, and play it, press the BOOKMARK button on any screen (except playing screen).



- ④ If you would like to delete bookmarked music or story, press the MENU key on the Book Mark list screen, shown left.
- ⑤ Select Delete and confirm with the OK button.

17-4. Preset E.Q(Equalizer)

When music is playing you can change the Preset equalizer setting by pressing the EQ button



The default setting is Normal.

By pressing EQ button, you can change like Normal → Classic → Live → Pop → Rock → Jazz → Dance → Vocal → Soft → Bass → Normal

※ NOTE: Preset EQ works for X14's Speaker Out (internal amplifier)

17-5. Resume Play

When you boot up the X14, it will automatically resume playing the music in the Music DB, Browser or i-Radio from where it was last stopped.



Select Resume Play and confirm with the OK key.
Set it as ON as shown left.
※ Default is OFF

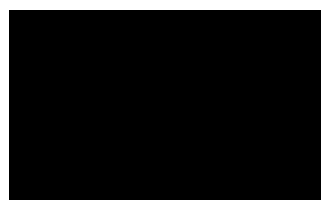
【 TIP 】

※This function does NOT work in the case that the 'Alarm' function or 'Auto Play' function is enabled.
※Function priority : Alarm function ----→ Auto Play function -----→ Resume Play function

17-6. CLOCK and Display (LCD) OFF

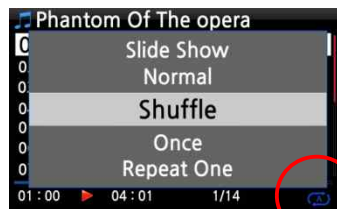


Whilst playing, press the CLOCK button. The digital clock will be displayed, see left. And, press it once again, the LCD will be OFF like below. This function is useful when you are listening to music at night as the light from the screen is reduced. Exit from LCD OFF mode by pressing if any button on the remote control.

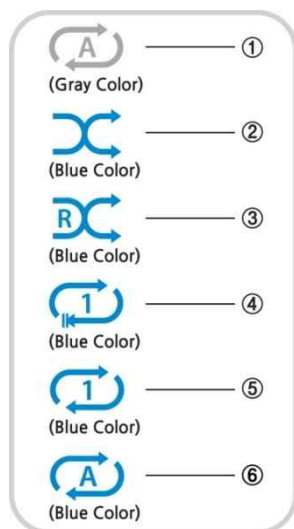


※ LCD OFF mode

17-7. Changing the play mode



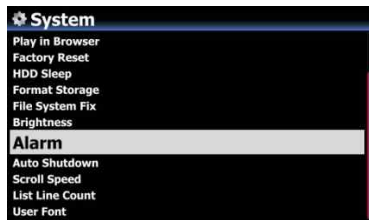
- ① Press the MENU button on the playing screen to change the playing mode.
- ② Alternatively, press the SHUFFLE button to change the mode without using the popup menu.



- ① Normal: Play all the music in an album or in a folder at once in sequence.
- ② Shuffle: Play songs randomly, but any song will not be repeated.
- ③ Random: Play songs randomly, but a song may be repeated
- ④ Once: Play the current music once only.
- ⑤ Repeat One: Play the current music repeatedly
- ⑥ Repeat All: Play all music in an album or in a folder in sequence and repeatedly

17-8. Alarm set

You can set six (6) alarm settings on the X14.

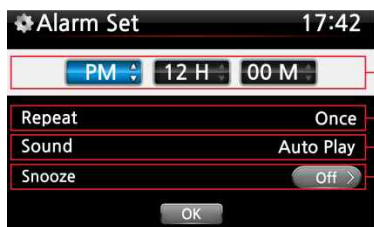


① Go to Alarm at SETUP, and confirm it with the OK key.
The following screen will appear.



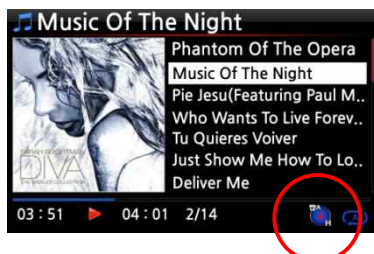
② Select the line you require and press the OK button.
The following screen will appear.

※ NOTE: The time should be set minimum 10 minutes later than current time.



③ Set time, cycle and sound source.
④ Set Snooze ON.
⑤ Select OK and confirm it with the OK button.

- ① Selecting time with up/down button.
- ② Selecting cycle with OK button
- ③ Selecting sound source from Playlist or iRadio (My Favorites)
- ④ Selecting snooze ON/OFF



※ NOTE:

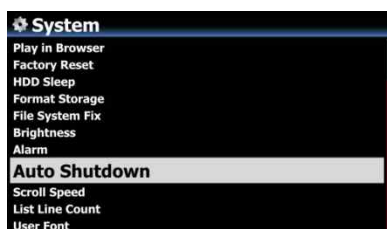
A : Alarm

2 : Two

D : Day

Alarm is set as 'after 2 days from now'.

17-9. Auto Shutdown



The X14 will power off automatically at the assigned date and time.

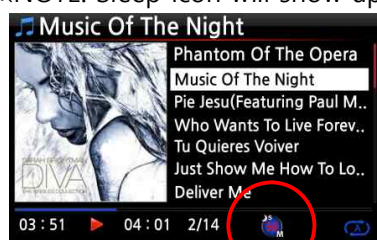
※ NOTE: Refer to section 4-7-11 Auto Shutdown (Page 60) for detailed explanation.

17-10. Sleep mode



- ① Press the SLEEP button on any screen (except setup), the popup Sleep Off/Sleep 10Min/Sleep 20Min/Sleep 30Min/Sleep 1Hour/Sleep 2Hour/Sleep 3Hour is displayed.
- ② The X14 will be set as per the last popup

※NOTE: Sleep icon will show up after setting.



※ NOTE:

S : Sleep

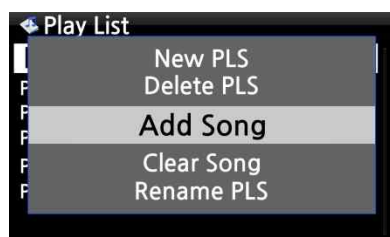
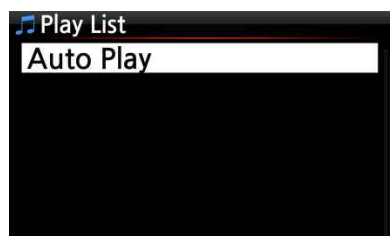
56 : Fifty six

M : Day

After 56 minutes, it will go into Sleep mode (power off).

17-11. Auto Play

When the power is ON, Auto Play function allows the X14 to boot up and start playing automatically the song in the Auto Play folder in the Playlist on the home screen.



- ① Navigate to the Playlist to Auto Play.
- ② Place the cursor on Auto Play and press the MENU button.
- ③ Select Add Song and press the OK button.
- ④ Place cursor on the music you would like to Auto Play.
- ⑤ You can see plus (+) mark at the end of the cursor. Press the OK button. The music will disappear and be added to the Auto Play.
- ⑥ Go to Setup and set Auto Play ON.

※ NOTE: Default of Auto Play in SETUP: OFF

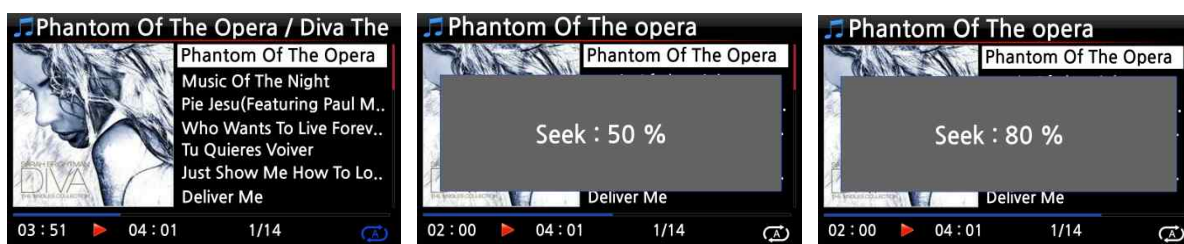
17-12. Shortcut to find files in all list modes

On each list mode if you press an alphabet key on the remote control the cursor will jump to the first file will that character at the beginning.



17-13. Seek function on the Playing Screen

At the playing screen you can run a seek function by pressing numeric keys on the remote control. For example, if you press the 5 key while playing a file it will start playing from the 50% position of the file based on total playing time.

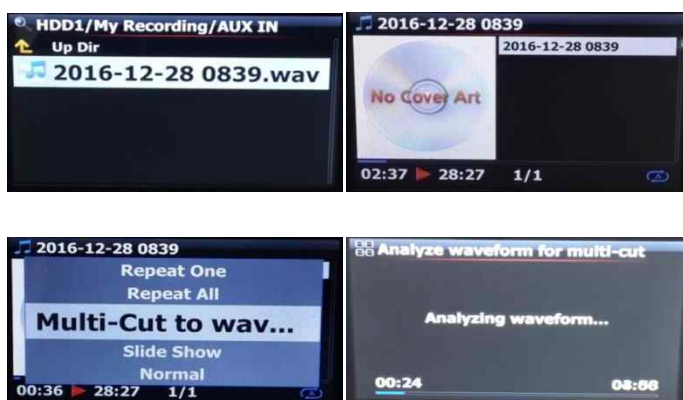


17-14. Function of Multi-Cutting(Auto-Cutting) for recorded file

You can record iRadio of X14. Otherwise, you may have a file recorded by other devices like X40. With this new function, you can cut the file into each track by auto or by manual. To understand this function, you need to understand each key's function well by reading this manual very carefully.

※ **NOTICE: This function works in Browse mode only for most of file format, except for DSD file. But, after running this function, all tracks (files) cut will be 'WAV' file format.**

17-14-1. How to set 'cutting point' by auto



① Look for recorded file in Browse mode and place the cursor on it

② Press MENU key and confirm 'Multi-Cut to wav...' to start analyzing waveform of the file.



There are four(4) spins to set 'cutting point'.

※ Press MENU key to toggle Enable/Disable for these spins

※ Role of each spin

-. -35 dB: to set max dB value for auto cutting.

Scope settable: -30dB~-40dB

-. 4.0 Sec: to set duration for the above max dB value.

Scope settable: 0.1 ~ 5 Sec

※ For example, if you set -35dB and 4.0Sec, 'cutting point' will be created automatically at the points where volume level -35dB

below and the volume level(-35dB below) lasts for over 4 seconds

-. 1 X: to zoom graph by 1X, 2X, 4X, 8X, 16X ~ 128X

-. 1 Sec: to set 'seek time' unit when moving 'playing point' by

LEFT/RIGHT arrow key. Scope settable: 0.1~30 sec

-. 1/2/3/4/5: Number of track which will be cut

-. Vertical green line: Cutting point

-. Vertical blue line: Current playing point

17-14-2. How to set 'cutting point' by manual

① You have to disable four(4) spins.

② You can seek cutting point you want by LEFT/RIGHT key

(For this job, you can set 3rd spin and 4th spin properly)

③ You can set 'current playing point' as 'cutting point' by pressing UP arrow key

④ By pressing DOWN key, you can remove 'cutting point' within 10 sec and closest to 'current playing point'.

17-14-3. How to start cutting



① Set cutting points properly according to the above procedure

② Press RETURN key, then it will ask 'OK' or 'Cancel' like below

③ Select OK and confirm it. Then, it will start cutting like below

※ If you confirm 'Cancel', it will go back to 'Playing Screen'

※ If you press RETURN key, it will go back to 'Multi-cut screen'

④ To see cut tracks, go to the same folder where original file is

⑤ There will be one folder whose name is same as original file

⑥ There will be five(5) cut tracks in the folder like below.





17-14-4. Role of each key on 'Multi-Cut Screen'

1) All keys of remote control except for VOL BAL, VOL+/-, PAUSE/PLAY, SETUP and POWER don't work

2) MENU key: to toggle Enable/Disable for four(4) spins

2-1) When Spin is enabled

<Buttons on the front of X14 unit>

- . OK: to go to next spin
- . JOG spinning: to up/down spin value
- . MENU: to disable Spin

<Keys of remote control>

- . OK: to go to next spin
- . LEFT/RIGHT: to move Spin to left/right
- . MENU: to disable Spin

2-2) When Spin is disabled

<Buttons on the front of X35 unit>

- . OK: to toggle Play/Pause
- . JOG spinning: to seek 'current playing point' by the value of forth Spin
- . JOG spinning with JOG pressed: to seek 'cutting point'
- . MENU: to enable Spin

<Keys of remote control>

- . OK: no working
- . LEFT/RIGHT: to seek 'current playing point' by the value of forth Spin
- . UP: to set 'current playing point(vertical blue line)' as 'cutting point(vertical green line)'

- DOWN: to remove the cutting point within 10 seconds and closest to the current playing point
- MENU: to enable Spin

2-3) Regardless of Spin Enabled or Disabled

- INPUT on the unit: t to set 'current playing point (vertical blue line)' as 'cutting point (vertical green line)'
- STOP on the unit: to remove the cutting point within 10 seconds and closest to the current playing point
- NEXT/PREVIOUS of remote control: to seek 'cutting point' to right/left
- -15/+15 of remote control: to work just as original role
- CAP/NUM of remote control: to toggle 'Seek to percent mode' or 'Jump to track mode' of the numeric keys.

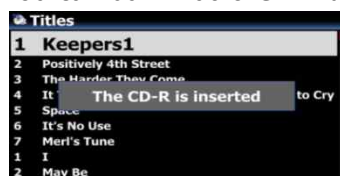
- Numeric keys of remote control

- * in 'Seek to percent mode': to seek by 0%, 10%, 20% within current displaying area
- * in 'Jump to Track mode': to seek to starting point of each cutting area

17-15. Audio CD burning function

NOTE: For Audio CD burning, you need to buy an external USB Optical Disk Drive separately because X14 manufacturer doesn't provide the ODD. You can buy it easily from local store or from online store like Amazon. And, many laptop users already have

You can burn Audio CD with X14 like below



- ① Insert empty CD-R to CD drive on any screen
- ② Wait until media detection message comes out like left screen



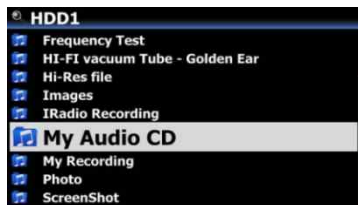
- ③ Look for target files(tracks) and place the cursor on the target file
- ✕ On the file(track) list, press RIGHT arrow key to select multiple files



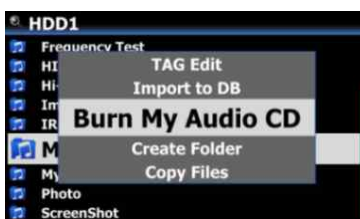
- ④ After selecting files, press MENU key and confirm 'Add My Audio CD' to send selected files(tracks) into 'My Audio CD' folder



⑤ Selected files will start copying to 'My Audio CD' folder in the storage set as MusicDB storage



⑥ Go to Browser and look for 'My Audio CD' folder.(There will be WAV files in the folder)



⑦ Place the cursor on the 'My Audio CD' folder, and press MENU key to select and confirm 'Burn My Audio CD' to start burning

※ NOTICE: For next Audio CD burning and inserting new track, you have to make 'My Audio CD' folder empty.

17-16. Function of Jump to a song on Playing Screen



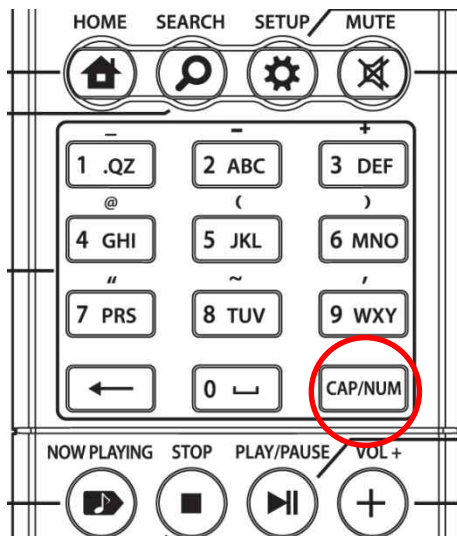
We added 'function of Jump to a Song Mode' on Playing Screen.

Press CAP/NUM key of remote control to toggle 'Seek to Percent Mode' and 'Jump to a Song Mode'

* Jump to a Song Mode : Press numeric key to seek a song

* Seek to Percent Mode : Press numeric key to go to a certain playing position.





17-17. Multi-room (Group Play)

Multi-room (Group play) function lets you play hi-res music including DSD, MQA and 192Khz/24Bit HD FLAC, WAV seamlessly in any room of the home wirelessly. You can play the same song in every room or play the same song with two devices as Left/Right channel in perfect sync.

※ Multiple devices are required for this function

※ External Inputs like digital/Analog inputs and FM Radio/DAB+ don't support Multiroom function

- Multi-room supported: MusicDB, Browser (USB storage, UPnP, NAS), CD Play, i-Radio, streaming service like Tidal, Qobuz, etc.

- Multi-room not supported: Digital/Analog Input, Bluetooth Input, FM Radio/DAB+, Roon, Spotify Connect.

17-17-1. File formats and sample rate with which Multi-room (Group Play) function work

File Format		Wireless LAN	Wired LAN	Remarks
PCM(WAV, FLAC)	44.1Khz(48Khz)	OK	OK	
	88.2Khz(96Khz)			
	176.4Khz(192Khz)			
	352.8Khz(384Khz)			
	768Khz	NO	NO	Not supported
DSD	64	OK	OK	
	128			
	256			
	512	NO	NO	Not supported
MQA	44.1Khz(48Khz)	OK	OK	
	88.2Khz(96Khz)			
	176.4Khz(192Khz)			
	352.8Khz(384Khz)			

High-resolution files are reduced to 44.1Khz(48Khz)/16bit for multi-room (group play)

17-17-2. Group Play main menu



To set for Multi-room (Group Play), click Group Play icon on the home screen to open it

17-17-3. Device name and Host name

Give the device a unique name to easily identify the devices in each zone. The device name for Group Play is linked to the Samba Server Host name



- ① Go to Setup>Network Service>Samba Server to open 'naming dialog window' for Host Name
- ② Input name as you want, and confirm it by clicking OK icon



17-17-4. Basic Setup by device

17-17-4-1. How to set a device as server device



You can set a device as Server device

- ① Go to home screen and click the Group Play icon
- ② Place the cursor on the 'Group Play Enabled' or 'Group Play Disabled'
- ③ Press OK key to set to 'GroupPlay Enabled'
- ④ Once you start playing song, the device becomes server device

17-17-4-2. Auto Join



You can toggle 'Auto Join' or 'Manual Join' with OK key

If a client device is set to 'Auto Join', the client device will be automatically connected to a Group Play once the server device starts playing

17-17-4-3. Manual Join

If you set 'manual Join' on the Client device, you can add the device manually as a client later.



You can toggle 'Auto Join' or 'Manual Join' with OK key

If a client device is set to 'Manual Join', you can add the client device manually to a Group Play after the server device starts playing



To add a client device manually to a Group Play

- ① Place the cursor on the server device
- ② Press MENU key to open menu window and click 'Join this Server'

17-17-4-4. Playing screen

If you play the songs over the Group Play, you can find the playback screen of Server and Client like below.



Server device screen



Client device screen

17-17-5. Advanced setup by MusicX NEO app

You are recommended to use MusicX NEO app for advanced setup and easy use of Group Play.

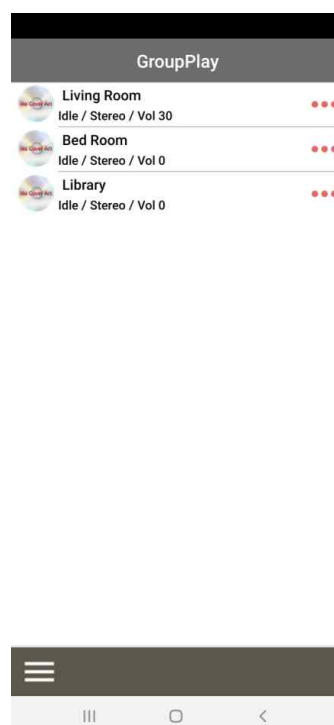
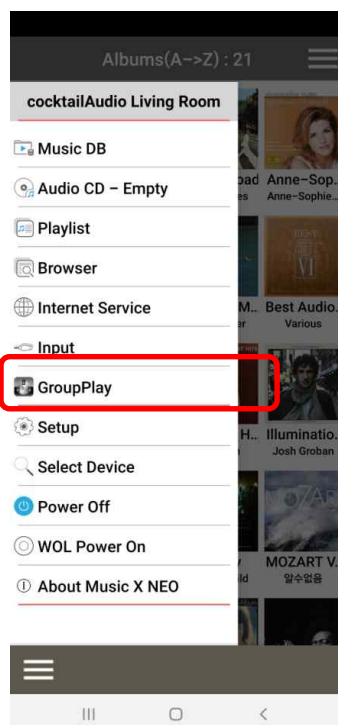
17-17-5-1. Look for devices available over a Group Play

Click the 'GroupPlay' icon on the MusicX NEO, you can find out all devices available over a Group Play like below screen

For example, you can see the three (3) devices of Living Room, Bed Room, Library like below screen.

All three (3) devices are currently in the status of idle

- Living Room device: This is set as 'GroupPlay Enabled'
- Bed Room device: This is set as 'GroupPlay Enabled' and 'Auto Join'
- Library device: This is set as 'GroupPlay Enabled' and 'Manual Join'



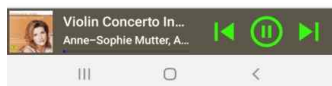
17-17-5-2. Start playing songs to set as server device

Once you play music on the Living room device, the three (3) devices will be like below

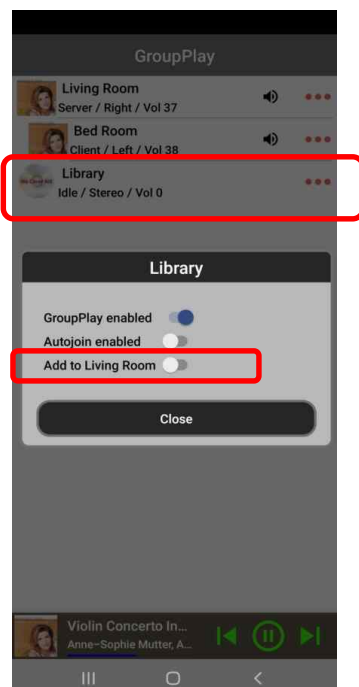
- Living Room device: This will be server device
- Bed Room device: This will be a client device and automatically joined to the Group Play, because this device is set as 'Auto Join'
- Library device: This will be still idle, because it is set as 'Manual Join'



You can add the Library device to the Group Play by **Manual Join** method



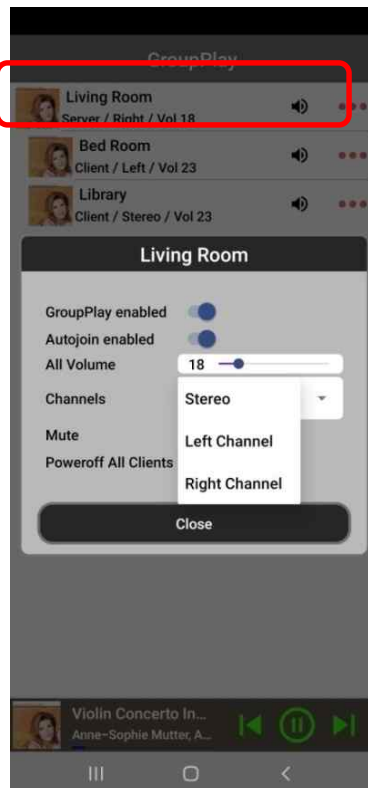
17-17-5-3. How to add client devices to Group Play by manual



① On the above screen of devices list, tapping the area marked with a square on the screen will pop up the setting window.

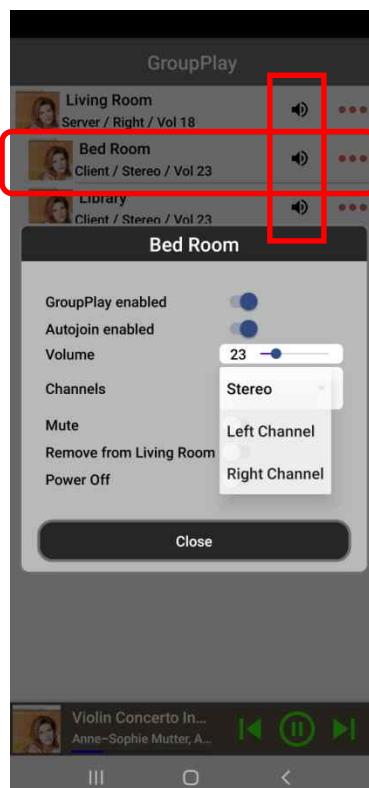
② For 'Add to Living Room' on the pop up window, drag to enable to add the Library device into the Group Play as a client

17-17-5-4. Control devices



For server device (Living Room)

- ① Tap the area marked with a square to pop up control window
- ② You can control volume of all devices including client devices at the same time, and can set channel of the server device as you want like Stereo, Left channel or Right channel. You can also do Mute and power off all clients



For client device (Bed Room)

- ① Tap the area marked with a square to pop up control window
- ② You can control volume of client device, and can set channel of the client device as you want like Stereo, Left channel or Right channel. You can also do Mute and power off the client device
- ③ Tap the 'speaker' icon marked with a vertical square, the tapped device will be muted immediately

18.Specification

Model name	cocktailAudio X14		
Host CPU & Memory	CPU: Dual Core ARM Cortex A9 running at 1.0GHz		
	Main Memory: DDR-1066 1GByte		
	EMMC 8GByte		
CD Drive (Optional)	Type	External USB Optical Disk Drive	
	If needed, user should buy a external USB optical disk drive for CD-Ripping or CD Playing		
Display	5 inch TFT LCD (800 x 480 pixels)		
Interface	Key & Knob, IR Remote Control, Customized Remote App for iOS & Android devices and Web Interface (WUI)		
Amp built-in	Rated output : 30W + 30W @ 1Khz, 8 ohm, 1% THD		
ANALOG OUT (Volume controllable)	PRE-OUT (L & R RCA)	Dynamic Range: 109dB (Max 2Vrms, Stereo) THD+N: 0.001%	
	Headphone Out	3.5mm jack on the front, 150mW+150mW@1Khz, 16 ohm, 0.1% THD	
DIGITAL OUT (Volume controllable)	Toslink x 1	Supported Sample Rate: up to 24bit/192Khz	
	COAXIAL x 1	SPDIF 75ohm RCA, Supported Sample Rate: up to 24bit/192Khz	
ANALOG INPUT	LINE IN x 1	L & R RCA at the rear, default 2Vrms(controllable 1~4Vrms)	
Bluetooth	Bluetooth Receiver with A2DP, AVRCP profiles / support AAC and aptX		
Connectivity	3 x USB Host ports(USB3.0/5V1A x 2, USB2.0/5V1A x 1)		
	Network	Wired	GigaFast Ethernet (10/100/1000Mbps) LAN
		Wireless (Optional)	801.11b/g/n WiFi USB dongle (Optional)
Supported Storage		2.5" SATA HDD, SSD and 3.5" SATA HDD up to 8TB * Supported file system: Linux, NTFS, FAT32.	
Supported audio codec & format		MQA, DSD64, DSD128, DXD(24Bit/352.8Khz) HD FLAC (24bit/192KHz), HD WAV (24bit/192KHz), APE/CUE, CAF, WAV, FLAC, ALAC, AIFF, AIF, AAC, M4A, MP3, WMA, Ogg, PCM, M3U, PLS, etc	
Supported OSD Languages		English, German, French, Spanish, Italian, Polish, Czech, Dutch, Traditional Chinese, Russian, Danish, Korean (To be added by request)	
Network protocol supported		UPnP (DLNA) Server/Client/Media Renderer, Samba Server/Client, FTP Server, Web Server, etc	
Internet	Internet Radio	Airable	

Services	Online Music Service	TIDAL, TIDAL MQA, Deezer, Qobuz, Napster, Spotify Connect ※ Subscription required
Power (AC/DC Adapter)	INPUT	100 – 240Vac, 50/60Hz (free voltage)
	OUTPUT	24V/3.5A
Dimension	180mm (W) x 100mm (H) x 150mm (D)	

※Specification may be changed without notification

19.MQA (Master Quality Authenticated)

MQA is an award-winning British technology that delivers the sound of the original master recording. The master MQA file is fully authenticated and is small enough to stream or download.

Visit mqa.co.uk for more information.

X14 includes MQA technology, which enables you to play back MQA audio files and streams, delivering the sound of the original master recording.

The LED light next to MQA logo on the X14 screen glows green or blue to indicate that the unit is decoding and playing an MQA stream or file, and denotes provenance to ensure that the sound is identical to that of the source material. It glows blue to indicate it is playing an MQA Studio file, which has either been approved in the studio by the artist/producer or has been verified by the copyright owner.

The MQA logo is a trade mark of MQA Limited.

20.Troubleshooting

1. There is no power.
 - 1-1. Make sure the power cord is connected.
 - 1-2. Check the X14 is switched ON at the rear panel.
 - 1-3. Make sure the plug is fully inserted into the wall socket.
2. The X14 does not respond to the remote control.
 - 2-1. Replace remote batteries
 - 2-2. Check for interference from other IR sources
 - 2-3. Reduce the distance between the remote control and the X14.
3. The X14 does not display the network-shared folder on your PC
 - 3-1. Check the network connection status between the X14 and your PC

3-2. According to the network environment there may be a time delay in connecting to the network.

3-3. Try rebooting the X14 and configure the network setup again.

4. No sound from the speaker during music file play back

4-1. Check if the MUTE function is ON

4-2. Check all cables connected to each device.

4-3. Check the volume level

4-4. Check Audio settings at SETUP

5. The X14 does not read the disc.

5-1. Check if you have inserted the disc upside down.

5-2. Check to see if the disc is scratched or dirty.

6. The disc is skipping

6-1. Check for scratches or dirt.

6-2. Make sure that the X14 is on a firm surface and not subject to vibrations.

7. There is a hum coming from the speaker.

Make sure that all cable connections are secure.