The X50(D) Official New Firmware Release Note (R1720)

① **Release date : 1st of November, 2021**
② **The version of updated firmware : R1720**
③ **Refer to the below for the contents updated from R1530(Old Music DB) to R1720**

A. New Functions

1 Complete change of Music DB Structure

We have changed Music DB structure completely from R15XX(Old Music DB) to R16XX or higher(New Music DB). To understand New MusicDB structure, please read the manual of 'New Music database(MusicDB) Structure for existing models'.

2 Added Multi-room(Group Play) function

We added multi-room(Group Play) function. For your better understanding, please read the manual of 'Multi-room(Group Play) function'.

3 Set Tag function

※ Notice: This function will work properly at MusicX NEO version 1.0.18 or higher, and device firmware R1681 or higher. MusicX NEO(1.0.21) is available at App Store and Play Store.

+ This is a function to collectively change the metadata(tag) of music files in the current folder.
+ If there are selected music files in the folder, only the selected music files will be changed, and if there is no selected file, all muisc files will be collectively changed
+ When the input window is open, all items are empty. Only entered items will be changed collectively
+ All metadata(tag) can be changed except for items(title, tempo, track number, etc) that can only be different for each song.
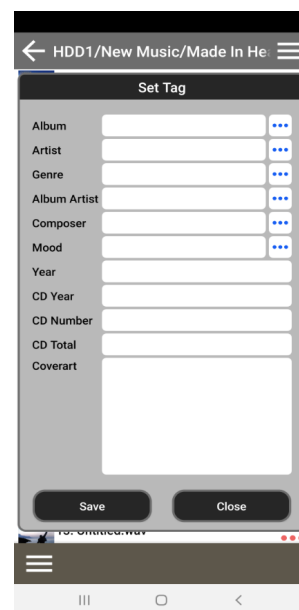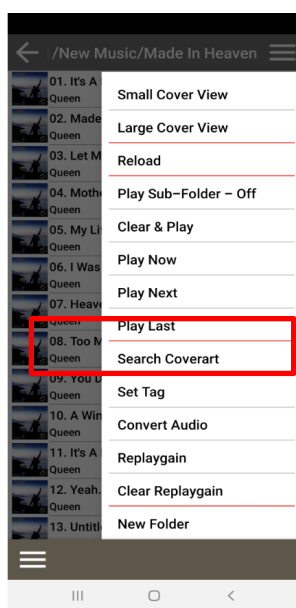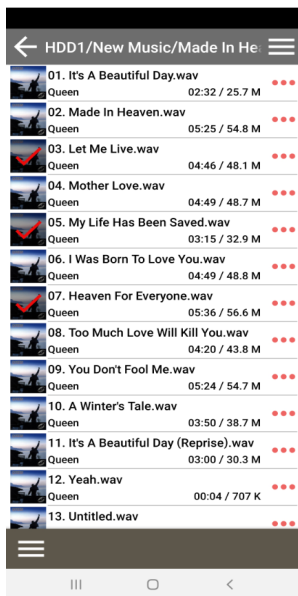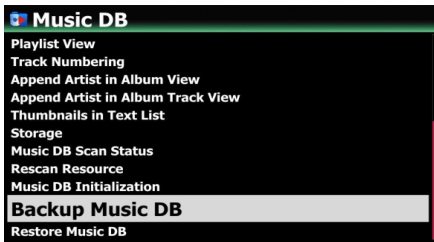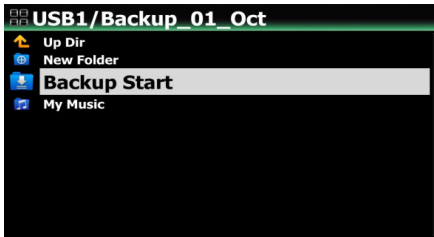
4 Backup/Restore function for New Music DB

We added the function of Backup/Restore for new MusicDB. You can back up original files(album or songs) registered(scanned) to MusicDB.
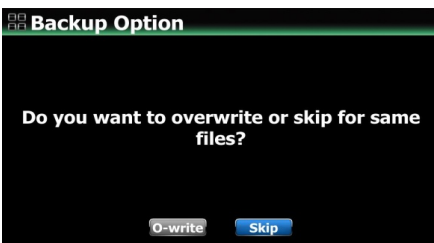
4-1. Backup

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
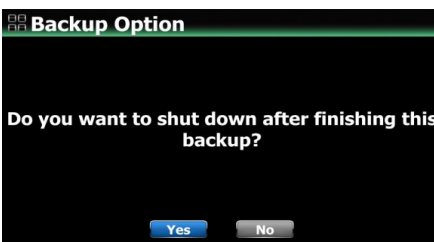
⑤ Select option after backup(Shutdown or On)

-. Yes : Device will be shutdown automatically after backup

-. No : Device will stay as 'ON' after backup

※ Backup result

-. Backup will be done by folder unit

-. Each folder will be backed up including its all sub folders while maintaining its own tree structure

Music DB
Playlist View
Track Numbering
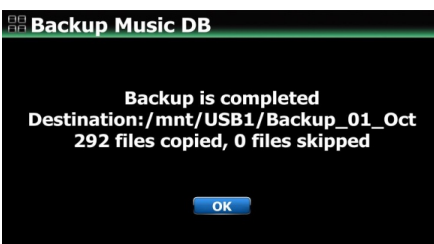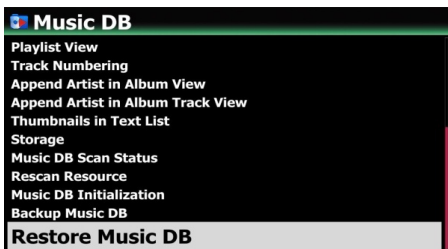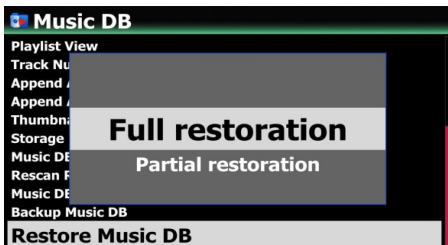Append Artist in Album View
Append Artist in Album Track View
Thumbnails in Text List
Storage
Music DB Scan Status
Rescan Resource
Music DB Initialization
Backup Music DB
Restore Music DB

Music DB
Playlist View
Track Nu
Append A
Append A
Thumbna
Storage
Music DE
Rescan F
Music DE
Backup Music DB
Restore Music DB

Full restoration
Partial restoration

USB1/Backup_01_Oct
Up Dir
New Folder
Restore Start
Candy
My Music

Restore Option

Do you want to overwrite or skip for same files?

O-write   Skip

Restore Music DB

My Music/City Lights/You're Mine You.m4a

Stop
00:46   12/47   02:46

Music DB
Playlist View
Track Numbering
Append Artist in Album View
Append Artist in Album Track View
Thumbna
Storage   **Device will be rebooted**
Music DB Scan Status
Rescan Resource
Music DB Initialization
Backup Music DB
Restore Music DB

HDD1
Up Dir
Candy
Diva - The Singles Collection
IRadio Recording
My Music
ScreenShot

4-2. Restore

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

② Select one of Full and Partial Restoration
※ Full Restoration :
    -. All backup sub-folders in the selected storage(folder) will be restored to main storage(green colored storage)
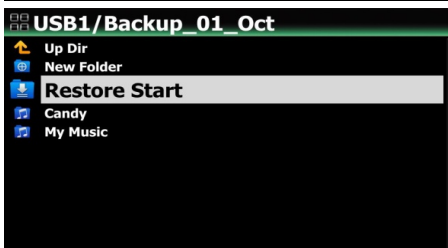   -. Data in My Music folder of backup storage will be restored to My Music folder in the main storage(green colored storage)
    -. Device will re-boot after Full Restoration
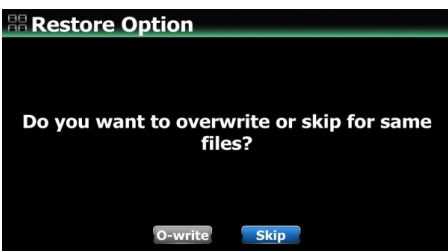
 1) In case of selecting Full Restoration
① Select backup(source) storage and folder
② Click 'Restore Start' to open window for option of Overwrite or Skip
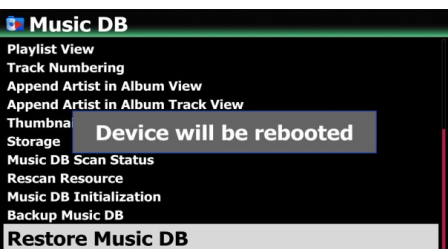
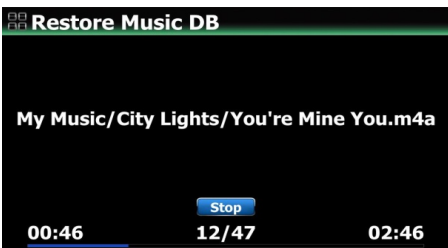③ Select 'O-write' or 'Skip' to start restoring

※ Device will re-boot by itself after full restoration

※ Restore result
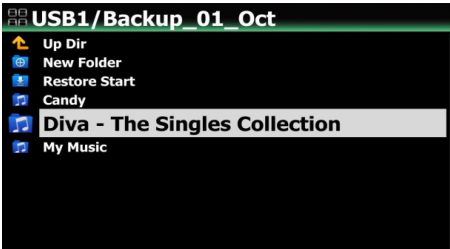-. All backup folders will be restored to the root directory of main storage(green color)
-. Each folder will be restored in the same tree structure including its own sub folders just like backup
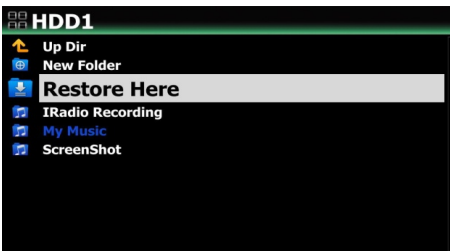
※ Partial Restoration :
-. Selected folder in the backup storage will be restored to selected folder in the target storage.
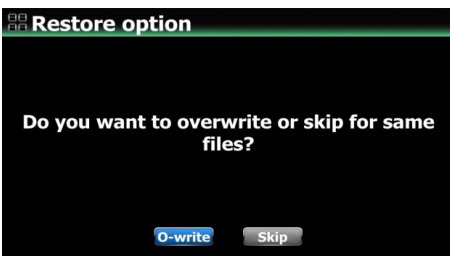-. No device re-boot after partial restoration

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' or 'Skip' to start restoring

5 Function to delete index number like [000020]

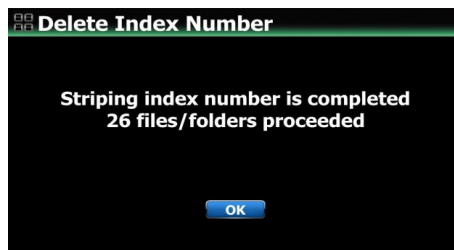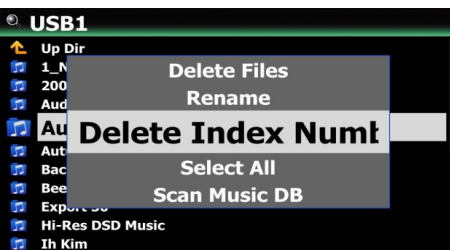You can remove the index number(e.g. [000020] appearing in front of ablum name when updating the old DB firmware(R15XX) with the new DB firmware(R16XX or higher)

① Place the cursor on the folder containing the album or song with index number you want to delete
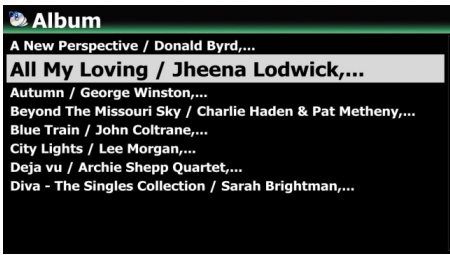② Press MENU key to open menu window
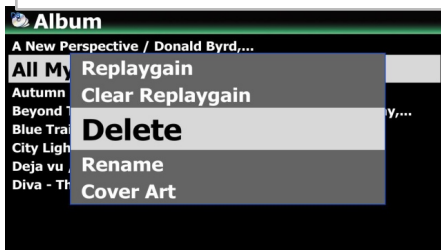③ Click 'Delete Index Number' to start deleting

continued   4

6 Function to delete album/song and others in New Music DB directly

● Album

| |
|---|
| A New Perspective / Donald Byrd,... |
| **All My Loving / Jheena Lodwick,...** |
| Autumn / George Winston,... |
| Beyond The Missouri Sky / Charlie Haden & Pat Metheny,... |
| Blue Train / John Coltrane,... |
| City Lights / Lee Morgan,... |
| Deja vu / Archie Shepp Quartet,... |
| Diva - The Singles Collection / Sarah Brightman,... |

① Place the cursor on the album

② Press MENU key to open menu window

③ Select 'Delete' to go next step and delete it
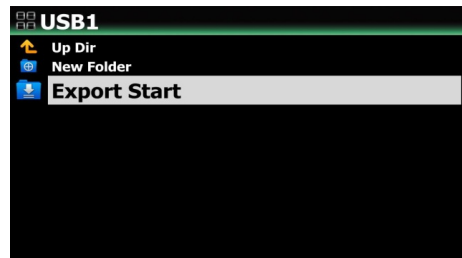
※ You can select multiple albums with 'Right arrow key'

● Album

A New Perspective / Donald Byrd,...
All My
Autumn
Beyond T   **Music DB Path Overview**
Blue Trai   **File Operations >**
City Ligh
Deja vu   Views >
Diva - Th   History

● Album

A New Perspective / Donald Byrd,...
All My   Replaygain
Autumn   Clear Replaygain
Beyond T   **Delete**
Blue Trai
City Ligh
Deja vu   Rename
Diva - Th   Cover Art

7 Function to export Playlist

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

◆ Playlist

Auto Play
Favorite_Pop
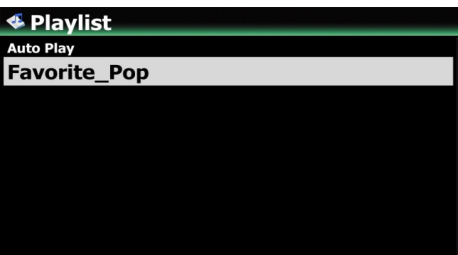
① Select playlist you want export

② Press MENU key to open menu window

③ Select 'Export Songs'

④ Select target storage and folder

◆ Playlist

Auto Play
Favor   Clear Song
Rename PLS
Export Songs
New PLS
Delete PLS

⊞ USB1

⬆ Up Dir
🌐 New Folder
⬇ **Export Start**
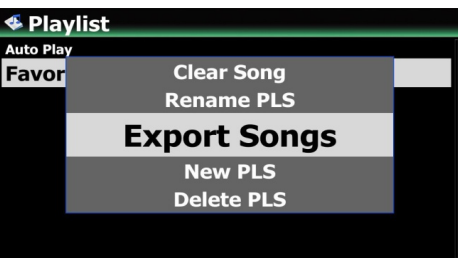
⑥ Select 'Overwrite' or 'Skip' to start exporting

⊞ Copy Option

Do you want to overwrite or skip for same files?

O-write   Skip

⊞ Export Musics

Exporting is completed
Destination:/mnt/USB1
6 files Copied, 0 files Skipped

OK

continued   **5**
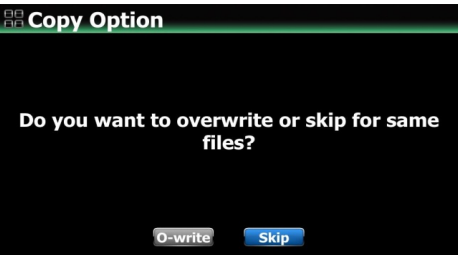
8 Function to convert easily 'old Music DB data' to 'new Music DB data

If you have USB storage where old Music DB data(.DB) exists and the USB storage is not set as Music DB storage, you can convert the old Music DB data to new Music DB data like below;
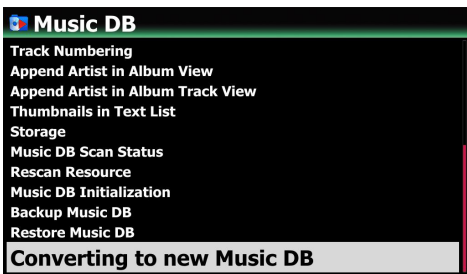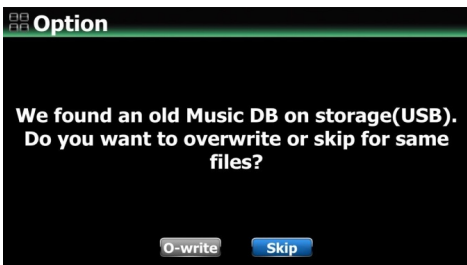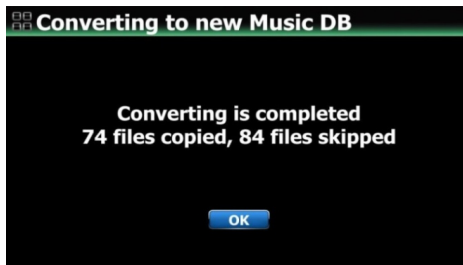
Home

Old Music DB is detected(USB3). Go to Setup>Music DB>Converting to new Music DB
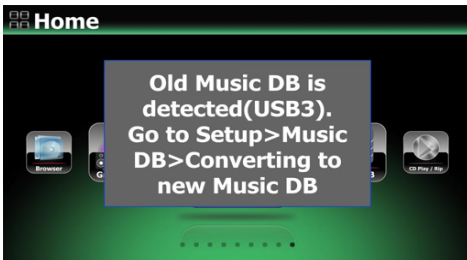
① Insert the USB storage(old Music DB data), then the device will show up message like left.
② Go to SETUP as the screen says, and click 'Converting to new Music DB'

Music DB

Track Numbering
Append Artist in Album View
Append Artist in Album Track View
Thumbnails in Text List
Storage
Music DB Scan Status
Rescan Resource
Music DB Initialization
Backup Music DB
Restore Music DB
Converting to new Music DB

Option

We found an old Music DB on storage(USB). Do you want to overwrite or skip for same files?

O-write   Skip

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

Updgrade Music DB

[0003] All Over The World/[000006] All Over The World.m4a

Stop

00:27   12/74   03:26

Converting to new Music DB

Converting is completed
74 files copied, 84 files skipped

OK

B. Improvement

1 Cleared the bug that, sometimes device reboots by itself or gets frozen when CD ripping

2 Improved that cover art services like Google, Amazon and Bing should work again. We removed others(7 digitals and allcovers which are no good services)

3 Improved 'Cherry keyboard' to work with our device

4 Cleared the bug that device reboots by itself without showing 'Factory Reset Succeeded' in doing factory reset

5 Cleared the bug that, when power is off, about 2/3 of the bottom of the screen is shown in black for around 1 second, and then goes off.

6 Cleared the bug that, in playing Spotify Connect, the cover art and the song didn't match, and the cover art of the first song was retained

7 Cleared the bug that, in playing with Roon, cover art of each song didn't show up properly

8 Improved the delay time that occurred when playing MQA files

9 Cleared the bug that the time was displayed incorrectly(+1 one hour) when playing DAB+/FM radio

10 When Airable i-Radio is being played, the shuffle mode icon that appears on the lower right has no meaning for this function, so it was replaced with a signal strength icon

11 Clear the bug that, in playing Deezer 'Flow', only 10 tracks were played over and over again

12 Applied newly translated OSD languages

13 Cleared the bug that 'Play Time Bar' was hidden when playing Next or other song while playing music with the MusicX NEO at iOS devices

14 Improved to handle local code strings when displaying tag information

15 Improved to handle files that store metadata in a non-standard tag method in RIFF(wave) files

16 OSD languages are corrected

17 Cleared the bug that you can't enter Genre, Album, or Artist folder when the device is connected to external storage via UPnP

18 Cleared the bug that the Playlist created in the old DB firmware disappears when updating the old DB firmware(R1530) to new DB firmware(R16XX or higher)

19 Airable, Deezer logos are replaced

20 Improved speed of album list up when MusicDB size is big

21 Tidal log In method change : You have to do two times of Tidal log in. First, log in at device SETUP as you have done before, and then you have to do log in again with companion app(MusicX NEO app) also

Thank you very much!