The X12 Official Firmware Release Note (R0133)

① Release date : November 12th, 2018

② The version of updated firmware : R0133

③ Refer to the below for the contents updated from R0124 to R0133

*** Important NOTICE**

From X12_R0133 new firmware, Reciva Internet Radio is no more available at X12 device. Instead of Reciva Internet Radio, please use Airable Internet Radio which is far better than Reciva. As Reciva doesn't do internat radio business, so thier server has never updated recently. This makes Reciva Internat Radio work abnormally at X12 device. This is why we removed it from our device, and for this, we arranged alternative internat radio, Airable at X12 device long time ago.

A. New Functions

1 Improvement of MusicDB structure

We improved MusicDB structure to handle better multi-album, 'Best of ' and not to change original song tag file when importing to DB. Album name repetition is allowed.

*** NOTICE**

Your device may not work properly If you go back to previous firmware after updating your device with this new firmware, because MusicDB structure was quite changed

1-1) In importing at Browse mode

- -. Basic concept : To make always new Album
- -. If upper folder is same and Album names are same, they will be imported to same album just like multi-album if you select 'No' when questioned "Do you want to use folder name as album name?"

1-2) in CD Ripping

- -. Basic concept : To make always new Album
- -. CDs of same album name but different artist(different CD) will be ripped to different folders(albums)
- -. Multi CDs will be ripped to one folder(albums)

1-3) in merging Albums

You can merge albums to one folder by using 'Album Help' function like below

1-3-1) In case that you don't change anything for album name after selecting one album from 'Album Help' list, the album will merge into same album(folder)

1

Album (A-Z) Chason Collection Detour crossover vol. 1 Diva - The Singles Collection Essential Best Facts And Fictions Grieg: Piano Music, Vol. 2 Heavy Weather Hi-Res file Jazz Legends Forever Libra Scale Soul To Jazz 11 / Bernard Purdie	For example, you want to merge 'Essential Best' album to 'Diva - The Single Collection'
Album (A - Z) Chason Collection Detour C Diva -Ti Essen Facts An File Operations > File Operations > Hi-Res fi Views > Hi-Res fi Unconverted Songs Jazz Legenworder Soul To Jazz II / Bernard Purdle	① Place cursor on the target album(Essential Best), and press MENU and confirm 'File Operation'
Album (AZ) Chaon Collection Detour c Rename Diva - Tr Essen Facts An Album Edit Hi-Res f Export Songs Jazz Legunas - United Soul To Jazz II / Bernard Purdie	② Select 'Album Edit', then 'More Info for Multi-Album' screen will show up. Press OK key to go to Album Help screen
Ribum Help Chason Collection / YIRUMA Detour crossover vol. 1 / 결종규 Diva - The Singles Collection / Sarah Brig Essential Best / ERIC ALEXANDER Facts And Fictions / Asian Dub Foundation Grieg : Piano Music, Vol. 2 / Einar Steen-Nökleberg Heavy Weather / WEATHER REPORT Hi-Res file / Francesco Fournier Facio - Piano Jazz Legends Forever / Billie Hollday Uibra Scale / Ne-Yo Soul To Jazz II / Bernard Purdie / Bernard Purdie	 ③ Select 'Album Edit', then 'More Info for Multi-Album' screen will show up. Press OK key to go to Album Help screen ④ Select 'Diva - The Single Collection'
More Info. for Multi-Album Album Diva - The Singles Collection Album Artist Sarah Brightman CD-Year 2006 CD-Number 2 CD-Total 2	 (5) 'Diva - The Single Collection' album is inserted to Album name position properly. (6) Select OK icon and confirm it
Album (A→Z) Chason Collection Detour crossover vol. 1 Diva - The Singles Collection Facts And Fictions Grieg: Piano Music, Vol. 2 Heavy Weather Hi-Res file Jazz Legends Forever Libra Scale Soul To Jazz II / Bernard Purdie The World's Greatest Bailads	⑦ You see two albums merged
Diva - The Singles Collection [All] Diva - The Singles Collection [Coll Diva - The Singles Collection / Sarah Brightman [CD2] Diva - The Singles Collection / Sarah Brightman	

1-3-2) In case that you changes something for album name after selecting one album from

continued

1-4) MusicDB Recovery

As we added some solution to remove 'the attached /artist name after album name' and change it to original tag. Please run 'MusicDB Recovery' at SETUP

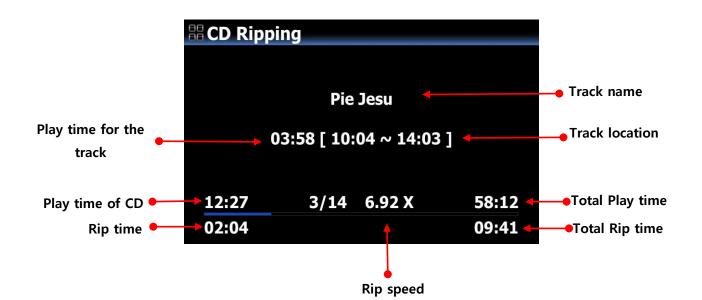
2

1-5) Added option to show '/artist name after album name' at SETUP

Setup	
Music DB	You can display Album name only or Album name / Artist name on
Cd Ripping	
Audio	the Album View.
Network Network Service	
Internet Service	X Default : ON
System	
Time Firmware	
License	
🗊 Music DB 🗤 🗊	Append Artist in Album View
Composer View	off
Mood View Track View	On
Playlist View	
Track Numbering	
Append Artist in Album View	
Storage	
Recovery	
Recovery Result Backup	
Bactore	

2 CD Ripping Program Restructuring and Algorithm improvement

We restructured and far improved our software algorithm and code related to CD ripping. We are sure that the improved software(firmware) offers very high quality of CD ripping result as it checks data density of each track and manages CD Ripping Speed, and error by itself



3 To edit Genre, Mood and Temp

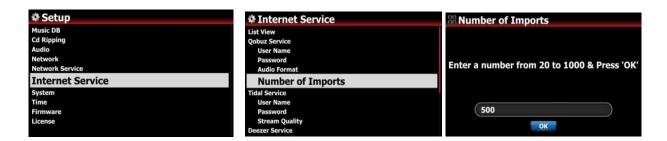
You can access to Genre, Mood and Temp on the info window when CD ripping. Typed info for them of the track 1 will be applied to next tracks in case that each area has no data

continued

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4 User option for loading track number in the Qobuz

It used to load 50 songs only when start playing track in the Qobuz. We added User Option at SETUP, so that users could set track number to be loaded like below.



B. Improvement

- 1 <u>Cleared the bug that X12 doesn't boot up properly and stay in 'Glass Initializing' status in case that</u> <u>a certain 4TB HDD is installed, and network(WiFi dongle or Ethernet) is not connected(inserted)</u>
- 2 Cleared the bug that 1~2 seconds are missing when recording to external USB storage via X12 Analog In
- 3 Improved the bug that Wired network is disconnected by itself when X12 is first connected to WiFi, and connected to Wired, and then USB dongle is removed.
- 4 Improved to clear Shared Folders added to NET after Factory Reset
- 5 Improved not to display 'mouse pointer' even if an USB mouse or USB keyboard which has mouse function is connected
- 6 Improved to show Left/Right text for two lines of input level graphics for Digital or Analog Input
- 7 Improved to show sample rate(48/96/192Khz) as well as file formats in playing files via online services
- 8 Cleared the bug that some noises come out in playing other file formats after playing APE file
- 9 Cleared the bug that album cover searching function for Qobuz doesn't work properly on WebInterface
- 10 For security issue, we have recently updated our server system. Accordingly, code related to Gracenote License management and Firmware Release management was updated
- 11 'Path' is added on dialog window for 'Add Share' function on Browser

# Add Share				
Server	COCKTAILAUDIO\NOVATRON			
User Name	guest			
Password				
Share				
Nick Name				
Path	\\192.168.	0.53\		
	ОК	Cancel	NUM	

You can easily search the shared folder of the NAS connected to X12 with IP address. If IP address in not listed in the 'Path' when you selected 'Server', you can insert IP address of the NAS manually with connected USB keyboard. Then, place the cursor on the IP address and click it to get the shared folder easily.

🔐 Album Help

Chopin - Nocturnes / Maurizio Pollini / ... Chopin Piano Concerto No.1 & Others /... Complete Works for Cello & Piano - Fou... Complete Works for Piano and Orchest... Dino: Italian Love Songs / Cha Cha de ... Discovery / Electric Light Orchestra / E... When you merge Multi albums using 'Album help' function, the color of original album name on the Album Help window will be changed to blue, not to make you confused between original album and target album

- 13 Improved 'Max volume' function of MusicX App to work properly
- 14 Cleared the bug that X12 device is frozen if you try editing the cover art with MusicX App
- 15 Improved other code more to make X12 device more stable

Thank you very much!