Firmware Release Note of X50_R1454

① **Release date : April 17th, 2019**
② **The version of updated firmware : R1454**
③ **Refer to the below for the contents updated from R1203 to R1454**
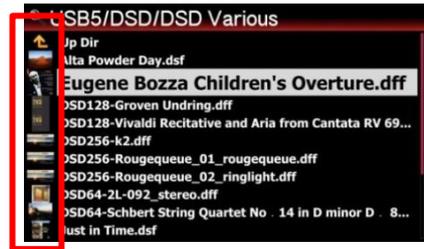
A. New Functions

1 **Added Thumbnail cover art for text list of MusicDB, Playlist, i-Service, Browser**
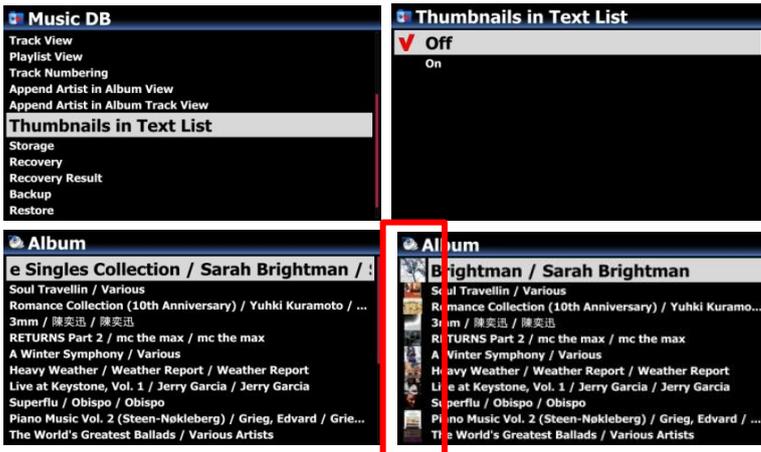
[MusicDB]   [i-Service(TIDAL)]   [Browser]

2 **Option to enable/disable Thumbnail cover art 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**

※ This option is also available for Internet Services and Browser(System)

3 **You can display list of i-Services, Playlist and Browser by text, coverart(Tiny, Small and Big) toggling TEXT/ART key of remote control**

<For example, TIDAL>

[Text]

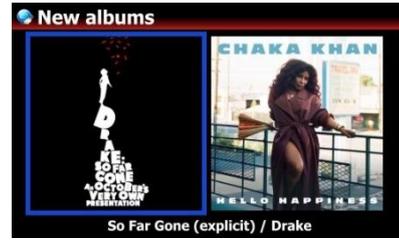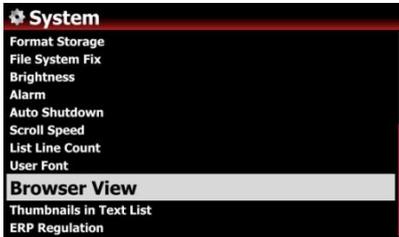[Tiny]   [Small]   [Big]

For the above, you can set up at SETUP menu like below

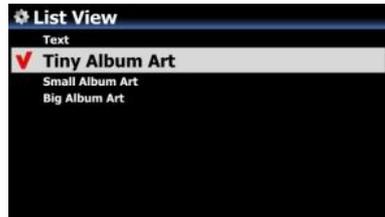1) For i-Services, go to SETUP > Internet Service > List View

2) For Browser, go to SETUP > System > Browser View

4 User option for loading track number in the Qobuz

It used to load 50 songs only in start playing tracks in the Qobuz. We added user option at SETUP, so that user could set track number to be loaded

5 Option to change Text mode / Cover Art mode for Internet Services

We added Option at SETUP to set as Text mode or Cover Art mode for Internet Services also.

※ Default: Text mode

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

※ This option is also available for Browser mode(System)

continued

6 Change to CAF(Core Audio Format) for Recording function

The device used to use WAV file format for the function of Recording via Digital In. But, WAV file format is limited to 4GB. So, we changed file format for recording to CAF(Core Audio Format), which has no limitation for file size.

7 Added one more audio format, CAF for CD Ripping

For CD Ripping, you can choose CAF also
※ If you do CD Ripping with CAF, AIFF or WAV format, the ripped file will be stored as it is without background converting process
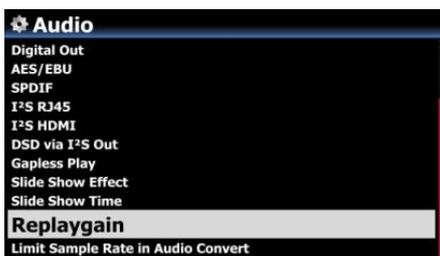
8 Replaygain function

8-1 What's the Replaygain function
It allows cocktailAudio to equalize and normalize loudness for individual tracks or albums. 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.

8-2 Premise
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

8-3 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 The device will write newly Replaygain info to all music files selected.

④ Writing is finished and return to list screen

8-4 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

9 CD-Text support when Audio CD Burning

As you know, cocktailAudio devices have Audio CD Burning function. When burning Audio CD, CD metadata like Album name and track name will be also added.
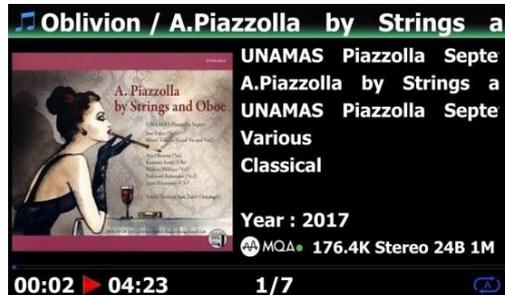
Before : Burn-in Audio CD without CD-Text

Now : Burn-in Audio CD with CD-Text

10 Support MQA CD

Playing Screen of MQA CD

※ **MQA CD available in the market already**

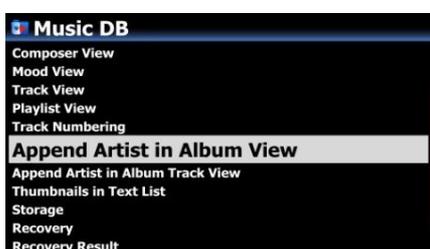As we made cocktailAudio support MQA CD also perfectly, you can enjoy much better sound quality with MQA CD

11 Option to add 'Artist' into end of Album name

If you set this option as ON, Album name will bring Artist name at the end of album name
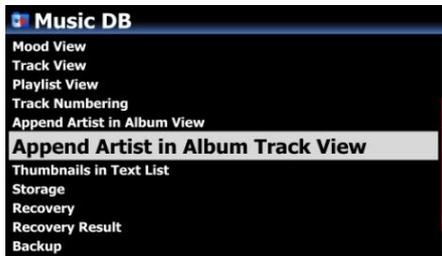※ Default: ON

※ After updating with new firmware, please run 'Recovery' function at SETUP, so that this function could work properly for an existing MusicDB.

12 Option to add 'Track Artist' at the end of each track in Album

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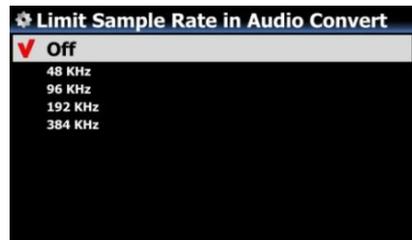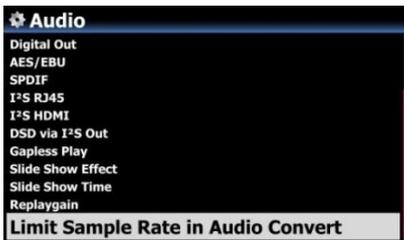※ Default: ON

※ After updating with new firmware, please run 'Recovery' function at SETUP, so that this function could work properly for an existing MusicDB.

13 Option to limit sample rate in Audio Converting Function

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.

14 Added reservation recording function to 'DAB+' and FM radio.

① Place the cursor on the station you want to record
② Press 'MENU' key to open popup menu window like left

③ Input date, time, etc on the setup window and confirm it with 'OK' key
④ To check for Reservation list, press MENU key at the Station list, and select Reservation Recording List to show recording list like left.
⑤ On the set time, device will start recording.

15 To show the source(Gracenote, Free DB, CD-Text) of Tag information on the Rippin Tag edit screen
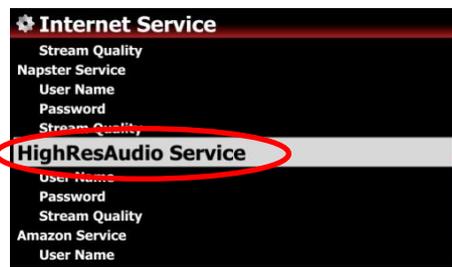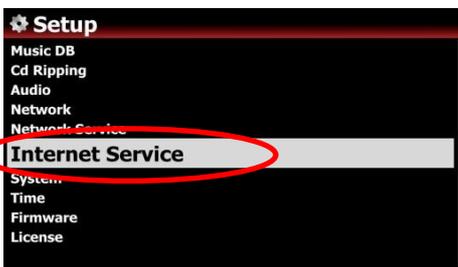

16 Added the 'Album_Artist' column on Tag edit window, if the album has multi artists, Album-Arti shows 'Various Artists'.

17 Added two more internet streaming service, 'High-Res Audio' and 'Amazon Music'

17-1. How to activate 'HighResAudio' service

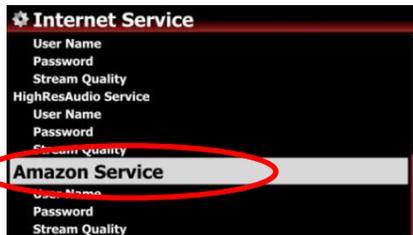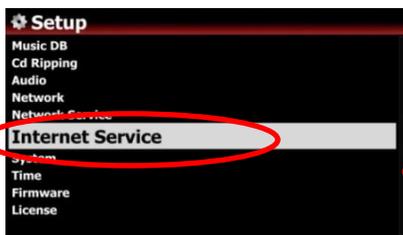① Go to "Setup>Internet Service" then click the 'HighResAudio Service'

② Check 'On' and enter your HighResaudio account(User name and Password) then click 'OK'.

③ You can find the activated HighResAudio service on the Internet service.

④ Click HighResAudio logo then various service menu will be appeared.

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17-2. How to activate 'Amazon Music' service.

To use 'Amazon Music' service, you need two stage authentication. First is on the cocktailAudio, Second is on the control app device like your smart phone.
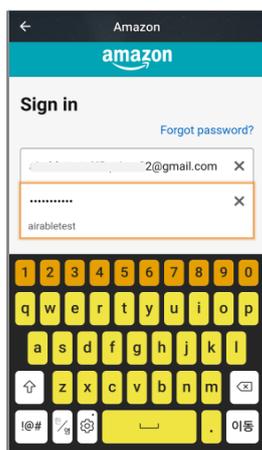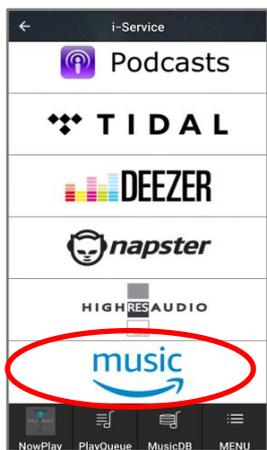

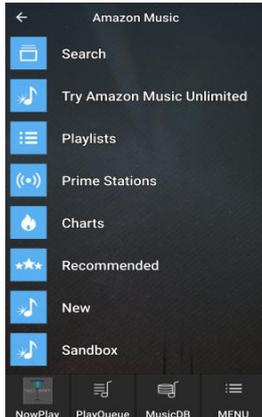① Go to "Setup>Internet Service" then click the 'Amazon Music' Service'

② Check 'On' and enter your 'Amazon Music' account(User name and Password) then click 'OK'.

③ If you run the 'Amazon Music' after log in on your cocktailAudio device only, device screen shows error message like left screen shot.

④ You sould do 2nd log in on your control app(Music X app).

※ **NOTICE : You have to install(update) OVER 1.3.2 version of MusicX App to do 2nd login for Amazon Music Service**

⑤ Touch the Amazon Music icon on your Music X app.

⑥ 'Sign in' window screen will be appeared.

⑦ Enter your 'Amazon Music' account(User name and Password) then click 'OK'.

⑧ You can find the activated Amazon Music service on the cocktailAudio and Musix X app device.

⑨ Touch this logo then various service menu will be appeared.

B. Improvement

1 To make selected album bigger on Cover Art Mode

We made the selected cover art list be far bigger, so that it could be seen clearly

2 Cleared bug that, in some cases, device name characters are broken at Picker Menu of Spotify Connect

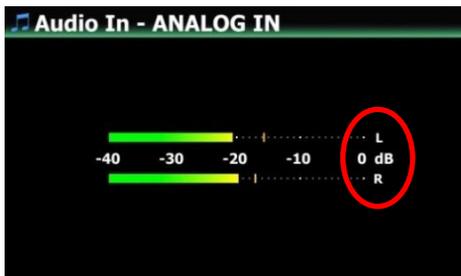**3 Improved to work properly with 'Smarthub BT Hub6' router in UK**

4 Cleared bug that, if there is special character like '/' in the file name, Export function doesn't work properly

5 Cleared the bug that gapless play doesn't work properly on Spotify Connect function.

6 Improved disconnection problems of some specific internet radio stations.

7 Changed 'Time Server' to new one which is much stable

8 Display L / R letter on the Input screen to distinguish the Left / Right channel like below

9 Cleared bug that some part(around 0.5 second) of begaining is cut when playing a file

10 Improved that some CD does not appear the asking message about 'Already ripped. Want to rip anyway?' when you try to rip the already ripped CD.

11 Improve that if you open the Playlist of other CA device with UPnP, the order of song follows MusicDB order, it should be ordered by original Playlist order.

12 Cleared bug that very short files do not go into the next file when you playback with gapless 'On'.

13 Improved to input max 246 characters on the category columns(Title, Album, Artist, Composer name...) of Music DB tag edit window. It used to allowe 128 characters before.

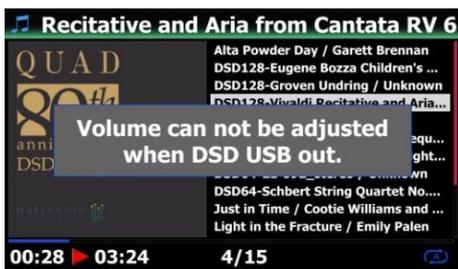**14** Improve to show the signal strength icon of each Wifi AP during the wireless setup

15 Clear the bug that Left and Right channels are switched, if you play back with CAF format recorded file.

16 Improved that even albulm has already cover art, you can get the other Album cover art from Gracenote Cover.

17 Assigned fixed USB Host Port number with front USB port 'USB1' and rear USB port 'USB2' and USB3' each start from right side.

18 Improved to show the 'Volume cannot be adjusted~' popup message on the screen, when you try to adjust the volume during the playback of DSD file with DSD Native or DSD DOP via USB Audio out.
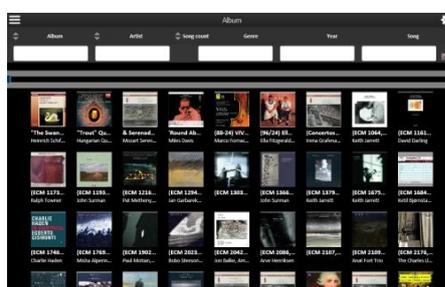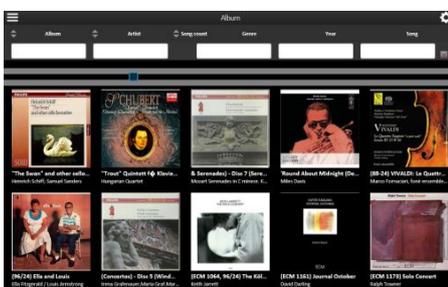

19 If you set 'Japanese' on OSD language, you cannot select RAID1(Mirror) Mode on the RAID setup.

20 Clear the bug that if you search some specific Album on Qobuz and play it, the device is rebooted.

[Web Interface]

21 Improved Cover Art sources to work properly at WebInterface

22 Restore the control function of Album cover art size with slide bar on the Web Interface

23 **Improved that the name of selected album shows green color on the album help list when you merge the two(2) CDs into one on the WebInterface.**

24 **Cleared bug that it plays all tracks in the folder, even if you select a few or single tracks in the folder Browser of Webinterface.**

25 **Micro adjustment of the code(software) related to storage detection and mounting**

Thank you very much!