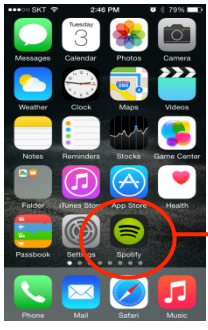# The X40 Official Firmware Release Note (R0011)

① **Release date : July 22nd, 2015**
② **The version of updated firmware : R0011**
③ **Refer to the below for the contents updated from R0008 to R0011**

A. New Functions

1 Spotify Connect' function

If you subscribe to Spotify and install its app into your smart phone or tablet PC, you can play music of Spotify via X40.
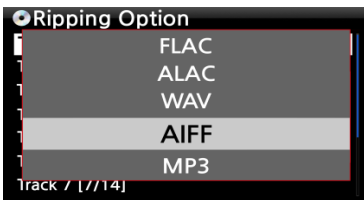
※ Spotify app

※ Click 'Spotify connect' icon to select X40 as player

How to use 'Spotify Connect'
① Add the X40 to the same network as your phone, tablet or PC.
② Open the Spotify app on your phone, tablet or PC, and play any song.
③ If you're using the app on a phone - tap the song image in the bottom left of the screen. For tablet and PC move to step 4.
④ Tap the Spotify Connect icon(looks like speaker)
⑤ Pick your device from the list. If you can't see it, just check it's connected to the same wifi network as your phone, tablet or PC. All done!

2 AIFF format is added to CD Ripping format option

You can rip CD into AIFF format also.

3 DSD256 is supported

The previous firmware supported DSD64 and DSD128 only. We improved firmware to support DSD256 also.

4 Gapless Playback for the DSD files

The X40 used to offer gapless playback for MP3, FLAC and WAV file only. The new firmware supports gapless playback for DSD file also.

5 WiFi Repeater Roaming function

In case that the signal strength of the connected AP goes down below -45db, the X40 will be connected to the AP which has same SSID and better signal strength if it is detected.

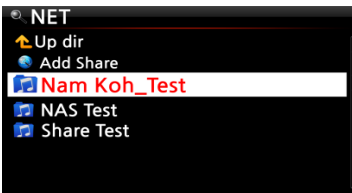the AP which has same SSID and better signal strength if it is detected.

6 Shutdown Dialog for checking unconverted songs

If you try power-off in case that unconverted songs still exist in the MusicDB, you will be asked if you really wish to power off or keep it on. During power-off, the X40 stops converting works.
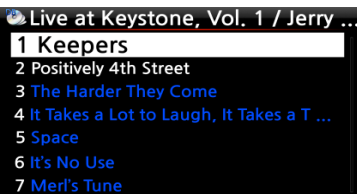
7 Creating .M3U and .PLS files when exporting

We improved to create .M3U file and .PLS file also when you run 'Export Song' function. For Playlist icon also on the home screen, you can run 'Export Song' function to export 'Playlist' to outside like USB.
※ As the X40 encodes .PLS and .M3U with 'UTF-8' encoding, please open the .M3U or .PLS file with 'Notepad'(Windows program) and save them again with 'ANSI' encoding option if you want to play them by Window PC properly.

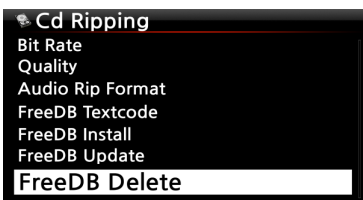## 8 Red color is applied to the folder, which is used as MusicDB storage in NAS

You can use NAS(network attached storage) or PC as MusicDB storage. The folder of MusicDB in NAS will be displayed in red on the browser of the X40.

9 Blue color is applied to the tracks, which are not converted yet after ripping

All tracks in the MusicDB not converted yet will be displayed in blue.

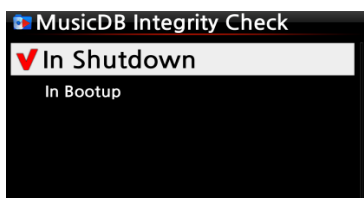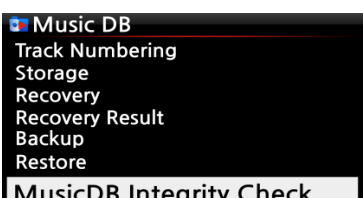## 10 The function to delete 'freedb data installed in the HDD'

After installing Freedb data into the hard disk of the X40, you can delete it via this function if you don't need it.
※ Note : Freedb data installed in the hard disk of the X40 is useless if you use the X40 with network(internet) connected.

continued   **2**

11 MusicDB Integrity Check option

You can choose in which step 'MusicDB Integrity Check' should run.
※ Default: In Shutdown
※ Notice: As 'MusicDB Integrity Check' process has effect on booting time, we recommend to set it as 'In Shutdown'

B. Improvement

1 **WebInterface code is improved.**
 To activate newly improved WebInterface code, please run 'Reinstall' at SETUP after new FW installation
 (SETUP > Network Service > Web Server > Reinstall)

2 **Clear the bug that you can't access the MusicDB in case of network connection fail**

3 **Clear the bugs related to audio**

 3-1) Clear tick noise in pressing STOP/PLAY/NEXT/PPREVIOU keys

 3-2) Clear tick noise in selecting Aux In, Digital In or Analog In

 3-3) Clear tick noise during volume control

 3-4) Made volume control possible when you use digital out of the X40 for the signal coming from the X40 digital in/Aux in/Analog in

 3-5) Made volume balancing possible when you use digital out of the X40 for the signal coming from the X40 digital in/Aux in/Analog in

 3-6) Adjustment for the FM radio volume level similar to others like MusicDB and Internet Radio

 3-7) Clear hiss noise from HD wave files like 24bit/352.8KHz

4 **Clear the bugs that it is impossible to log in for Qobuz in case that Qobuz playlist folder is empty**

5 **Improvement for UPnP compatibility**

6 **Random(shuffle) mode improvement**

7 **The result of Search for iRadio station will get 500 list (Previous firmware gets 100 list only)**

8 **Clear the bug that the info of storage space left for MusicDB backup is displayed wrong**

9 **Clear the bug that, in USB storage mode, folder(file) name of shorter than 9 characters is displayed in small characters, even though they are all in large characters**

10 **Clear the bug that 7 Digital doesn't work for album cover art downloading**

11 **Clear the bug that you can't delete all radio stations completely by manual. The last station comes out again after running 'delete function'**

12 **The code related to WiFi/Ethernet connection is updated**

13 **Others**

Thank you very much