

## Firmware Release Note for R1656

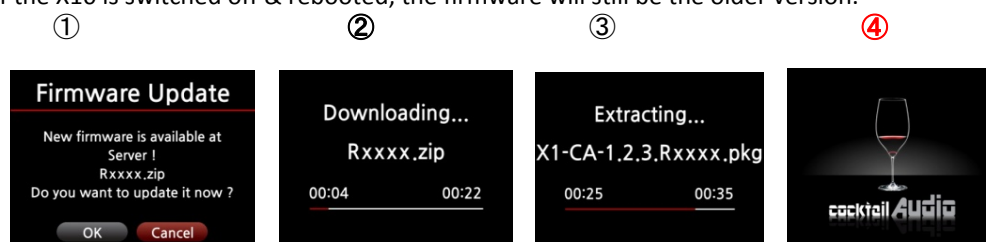
- ① Release date : May 14th of 2012
- ② Version of update - Firmware : R1656

### ✘ Important Notice

A bug related to the **Automatic Firmware** Update was malfunctioning on FW R1644 & R1655. Thus the R1656 was released to resolve this 'challenge'  
**Automatic Update** feature prompts the user to update X10 when a new version of firmware is available. For info about auto update refer to Firmware release note 'R1592' at the link below:  
<http://www.cocktailaudio.co.uk/firmware.shtml>

#### To illustrate the bug:

When prompted to download the new firmware R1656 (assuming you have an older versions 1644 & 1655 ONLY, other older versions are fine). The X10 will download, extract & install the firmware. However, when booting, the X10 will freeze upon displaying the **GLASS** as illustrated-pt ④ (only FW 1644 & 1655 has this hitch).  
 If the X10 is switched off & rebooted, the firmware will still be the older version.



#### The solution (Updating Firmware) by users with R1644 & R1655 ONLY:

When prompted to download the Firmware, decline by opting for 'CANCEL'. Download & install the R1656 manually to avoid any mishaps.

Having updated, have a glance on the X10 HDD1 section ('BROWSER->HDD1->[New Firmware] folder).

If a [New Firmware] folder is generated, DELETE it by pressing MENU and opting for 'Delete' (MENU->DELETE).

## 1 Audio codec compatibility improved

- 1-1) Supports Apple Lossless Audio Codec(ALAC), AIFF, AIF, m4a
- 1-2) Supports high resolution FLAC file(24bit/192Khz) aptly
- 1-3) Supports high resolution WAV file(24bit/192Khz) aptly
- 1-4) Cleared the 'MP3 file bug' that causes the X10 to crush (re-encoding)

#### ✘ note :

- ① X10 does NOT support high resolution WMA file and WMA lossless encoding
- ② X10 does NOT support Multichannel PCM audio file

## 2 Audio output re-definition for high resolution audio file

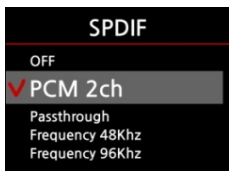
### ✘ This new firmware(R1656) supports 96Khz sampling rate output through SPDIF(Optical)

File format	File resolution (16/24bit, 2channels)	Audio outputs			
		SPDIF(Optical)			Speaker & analog Line Out
		Pass-through/ PCM 2ch	Frequency 96Khz	Frequency 48Khz	
WAV	up to 96Khz	Original res	96Khz	48Khz	OK
FLAC	up to 96Khz	Original res	96Khz	48Khz	OK
M4A(ALAC codec)	up to 96Khz	Original res	96Khz	48Khz	OK
WAV	176-192Khz	96Khz	96Khz	48Khz	OK
FLAC	176-192Khz	96Khz	96Khz	48Khz	OK
WAV	353Khz(DXD)	96Khz	96Khz	48Khz	OK

### 3 Added options for Frequency 48Khz and 96Khz at SPDIF setup

Added options for frequency 48Khz and 96Khz.

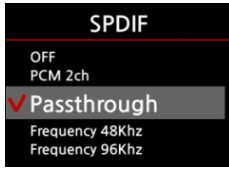
This option is useful for the users' with an older external DAC or decoder which supports up to **48khz**



#### 3-1) Set as PCM 2ch

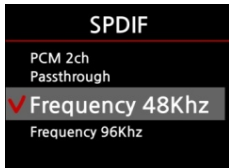
- ① Volume controlled by X10's remote control
- ② Audio output

File resolution**	Audio output
over 96Khz	96Khz
96Khz	original resolution
below 96Khz	original resolution



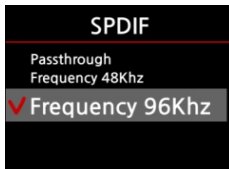
#### 3-2) Set as Pass-through

- ① Volume NOT-controlled by X10's remote control
- ② Audio output : Same as PCM 2ch like the above\*\*



#### 3-3) Set as Frequency 48Khz

- ① Volume controlled by X10's remote control
- ② Audio output : all **48Khz** output



#### 3-4) Set as Frequency 96Khz

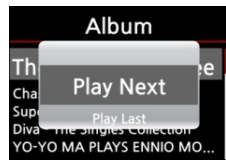
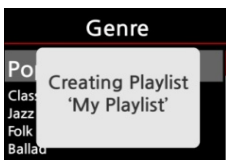
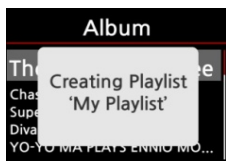
- ① Volume controlled by X10's remote control
- ② Audio output : all **96Khz** output

### 4 Extension of My Playlist function

- ① Previous firmware(R1644) supported My Playlist function by the unit of Song(s) only.
- ② If you have never tried My Playlist function please refer to the number 4.....  
 .....**My Playlist function** of the Firmware Release Note for R1644 at:  
<http://www.cocktailaudio.co.uk/firmware.shtml>

The Firmware(R1656) enables **My Playlist function** by **Album, Artist, Genre or Discography**:

- ① Place the cursor on the list of Album, Artist, Discography or Genre.
- ② Press BLUE key of remote control.
- ③ The selected Album will be played after showing [Creating Playlist 'My Playlist'] as illustrated.
- ④ "My Playlist" will be created automatically at the Playlist of the main screen.



⊗ If 'My Playlist', already exist, pressing the 'Blue key' will display\*

[ **Play Next/Play Last** ]\* as illustrated above

\* Play Next : to add on next position/order.

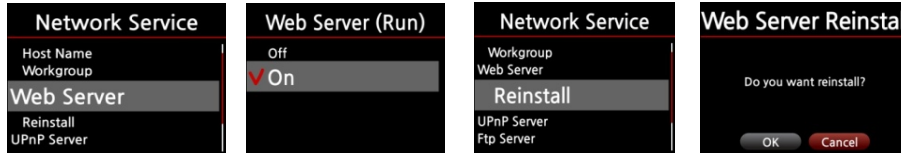
\* Play Last : to add on last position/order of play.

## 5 Web Interface

### 5-1) Web Server re-installation

To perceive the Web-Interface improvements, reinstall Web Server at SETUP:

- ① Go to Network Service at SETUP menu.
- ② Set Web Server as ON.
- ③ Select Reinstall and select OK and confirm it with OK button.
- ④ It will take around 10 ~ 15 seconds to complete re-installation.



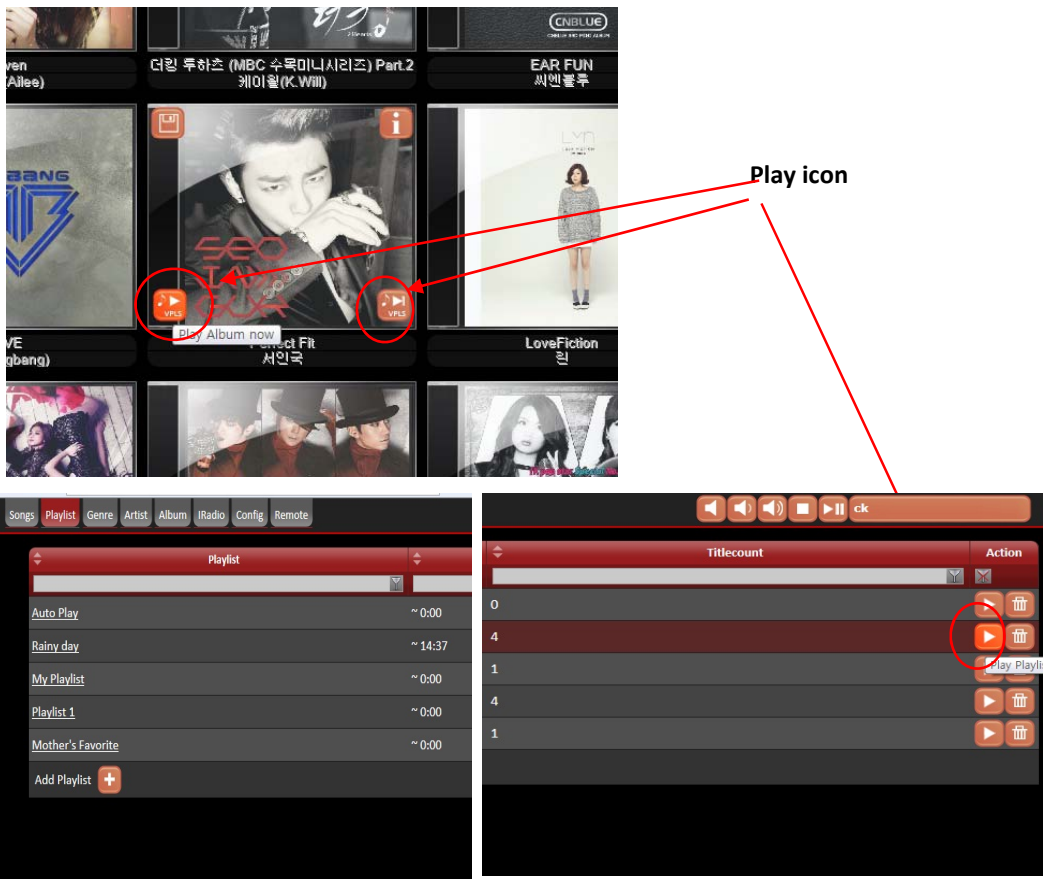
The Web Interface guide can be found at the link below:

<http://www.cocktailaudio.co.uk/firmware.shtml> (Under FW1644 release notes)

### 5-2) Improvements:

5-2-1) Web Interface (Users browsing with iPad or Mac) works best with Safari

5-2-2) Play by the unit of Album, Genre, Artist, Playlist, iRadio(Favourite list).



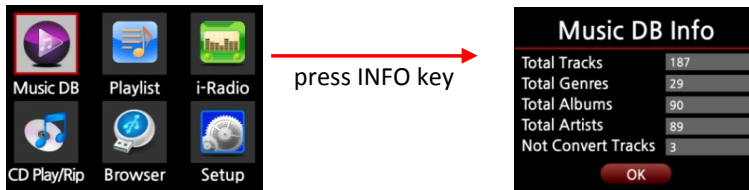
### 5-2-3) Others

Web Remote works more smoothly

Languages support for Italian, French, Polish .....check config.

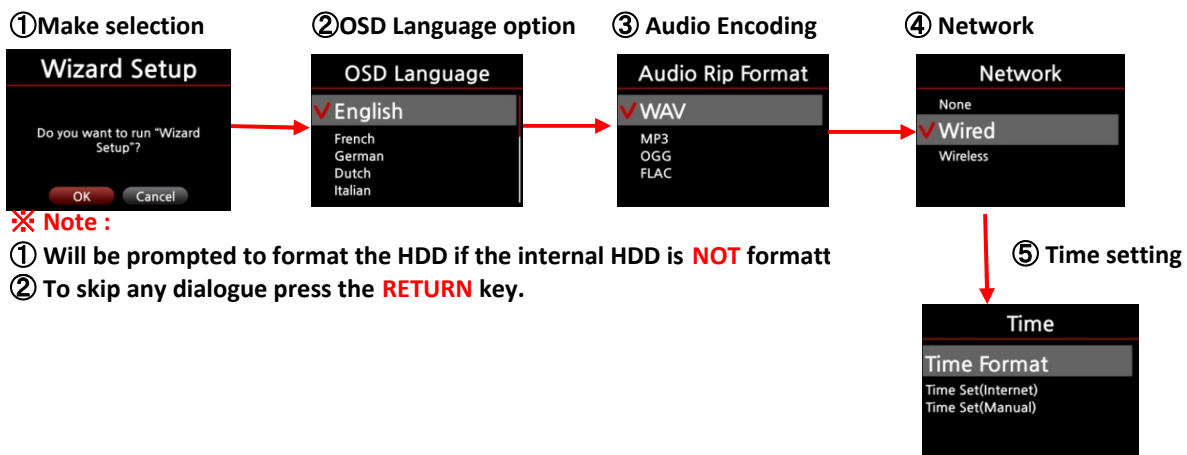
## 6 Function to check information on Music DB

Check Music DB information by pressing INFO key (i) of remote control.  
Retrieve information like the 'number of tracks', 'genre', 'albums', 'artists' and .....  
..... 'unconverted tracks' at the Music DB section.



## 7 Function of Setup Assistant (Setup Wizard)

Factory reset activates the SETUP WIZARD after booting the X10.  
To manually configure the basic setup or ignore the SETUP WIZARD, cancel when prompted.



✘ Note :

- ① Will be prompted to format the HDD if the internal HDD is **NOT** formatt
- ② To skip any dialogue press the **RETURN** key.

## 8 Others improvements

- \* Audio file compatibility improved
- \* UPnP compatibility improved
- \* FLAC, OGG file seek function
- \* Polish OSD language updated
- \* Italian, Polish, French - added to Web Interface language config.
- \* **Much code updating work was done for general system stabilization.**