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



2 Option to enable/disable Thumbnail cover art in Text List



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>









[Tiny]

[Small]

[Big]

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

Internet Service	🏶 List View	
List View Thumbnails in Text List Qobuz Service User Name Password Audio Format Number of Imports	▼ Text Tiny Album Art Small Album Art Big Album Art	1) For i-Services, go to SETUP > Internet Service > List View
TIDAL Service User Name Password Stream Quality	& Browser View	
Format Storage File System Fix Brightness Alarm Auto Shutdown Scroll Speed List Line Count User Font Browser View	✓ Text Tiny Album Art Small Album Art Big Album Art	2) For Browser, go to SETUP > System > Browser View
Thumbnails in Text List		

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

Internet Service	List View
List View	Text
Thumbnails in Text List Qobuz Service User Name Password	V Tiny Album Art Small Album Art Big Album Art
Audio Format	
TIDAL Service User Name Password Stream Quality	
inter 🔤 🏹 🔤 🥂	

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)

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

추 Audio	🌣 Replaygain	Intom Of The Opera / Diva The Singles (
Digital Out AES/EBU SPDIF I ² S RJ45 I ² S RJ45 I ² S HOMI DSD via I ² S Out Gapless Play Slide Show Effect Slide Show Time DeplayGain	V Off on	Sarah Brightman Diva The Singles Collection Unknown Unknown misc -3.75 dB FLAC 44.1K Stereo 16B
Limit Sample Rate in Audio Convert		00:24 > 04:39 1/14 🗇

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



8-4 How to clear 'Replaygain info' from metadata of each music file(track)



4

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

0	CD Play/Rip	🎜 Track 1		
1	Track 1		Track 1 Track 2	
2	Track 2		Track 3	
3	Track 3		Track 4	
4	Track 4		Track 5	
5	Track 5	No Cover Art	Track 6	
6	Track 6		Track 7	
7	Track 7		Track 8	
8	Track 8		Track 9	
9	Track 9		Track 10	
10	Track 10	_	HUCK 11	,
11	Track 11	00:10 Þ 03:42	1/29	

Now : Burn-in Audio CD with CD-Text



10 Support MQA CD



% MQA CD available in

the market already



Playing Screen of MQA CD

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 \times Default: ON

Music DB	Append Artist in Album View
Composer View	Off
Mood View	V On
Track View	• •
Playlist View	
Track Numbering	
Append Artist in Album View	
Append Artist in Album Track View	
Thumbnails in Text List	
Storage	
Recovery	
Recovery Result	

※ 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



13 Option to limit sample rate in Audio Converting Function

When converting music file into different file format, you may select maximum sample rate. X Default: OFF



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
- 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

R Track 1					
Title	Without You				
Artist	Mariah Care	y			
Composer					
Album	The Power Of Love: The Best Love Songs From				
Album Art.	Various Artists				
Genre	Urban			20.	
Yr./CD Yr.	2008 2008	Mood	Sophisticated	Power	
CD No.	1 / 1	Tempo	60s	States and an	
Grace	note	OK			

16 Added the 'Album_Artist' column on Tag edit window, if the album has multi artists, Album-Artis

shows 'Various Artists'.

	88 2	Morricone: The Mission - Ga		# Trac	k 1
	Title	Morricone: The Mission - Gabriel's Oboe		Title	Without You
	Artist	Yo-Yo Ma; Ennio Morricone: Rome Sinfonietta		Artist	Mariah Carey
	Composer	Unknown		Composer	
	Album	Ye Ye Ma Plays Ennio Morricone		Album	The Power Of Love: The Best Love Songs From
<	Album Art.	Yo-Yo Ma	<	Album Art.	Various Artists
	Genre	Soundtrack		Genre	Uludi
	Yr./CD Yr.	2004 2004 Mood Romantic		Yr./CD Yr.	2008 2008 Mood Sophisticated
	CD No.	1 / 1 Tempo 30s 📂 🚬		CD No.	1 / 1 Tempo 60s
		OK		Grace	note

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

Husic DB Cd Ripping Audio Network Network Network Network Network Internet Service Von	Setup		Internet Service	
Internet Service HighResAudio Service YHXmar Password Pressword User Name Itternet Service Imput New Password & Press 'OK' On Imput New Password & Press 'OK' Internet Service Imput New Password & Press 'OK' Imput New Password & Press 'OK' Check 'On' and enter your HighResaudio account(User name and Password) then click 'OK'. Internet Service Imput New Password & Press 'OK' Imput New Password & Press 'OK' OK'. Imput New Password & Press 'OK'.	Music DB Cd Ripping Audio Network Network		Stream Quality Napster Service User Name Password Stream Quality	① Go to "Setup>Internet Service" then click the
 HighResAudio Service On <li< th=""><th>Internet Service System Time Firmware License</th><th></th><th>HighResAudio Service User Name Password Stream Quality Amazon Service User Name</th><th>'HighResAudio Service'</th></li<>	Internet Service System Time Firmware License		HighResAudio Service User Name Password Stream Quality Amazon Service User Name	'HighResAudio Service'
✓ On Input New Password & Press 'OK' your HighResaudio ✓ Internet Service ✓ ✓ ✓ Internet Service ✓ ✓ ✓ OB ✓ ✓ ✓ OB ✓ ✓ ✓ ✓ ✓	HighResAudio Se	rvice	B New Password	② Check 'On' and enter
Internet Service Qobuz Spotify airâble Imapster Im	V On		Input New Password & Press 'OK'	your HighResaudio account(User name and
 ◆ Internet Service ◆ HIGHRESAUDIO ③ You can find the activated HighResAudio service on the Internet service. ④ Podcasts ● TIDAL ● HIGHRESAUDIO ● HIGHRESAUDIO ● HIGHRESAUDIO ● Gearch My music ■ New Releases ■ Charts ■ DEEZER ● HIGHRESAUDIO ● HIGHRESAUDIO ● Occasts ● HIGHRESAUDIO ● Spotify ● HIGHRESAUDIO ● Search My music ■ Search My music ■ New Releases ■ Charts ■ Labels ■ Click HighResAudio loge ■ Therman Audio 				Password) then click 'OK'.
QODUZ Spotify airâble Podcasts Search New Releases Recently Added Explore Charts Charts HIGH EAUDIO HIGH EAUDIO	Internet Service		S HIGHRESAUDIO	(a) You can find the
airāble Podcasts Podcasts Recently Added Editors Choice service on the Internet Explore Charts Playlists Labels Logout 4	qobuz	Spotify [.]	Search My music	activated HighResAudio
Image: Service in the service in t	airâble	Podcasts	New Releases Recently Added Editors Choice Explore	service on the Internet
DEEZER HIGH ANDIO Labels Cogout 4 Click HighResAudio logo	napster	*** TIDAL	Charts Playlists	service.
	DEEZER	HIGHRESAUDIO	Labels Logout	Glick HighResAudio logo

ОК

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.



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



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 <u>Cleared the bug that gapless play doesn't work properly on Spotify Connect function.</u>
- 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 <u>Cleared bug that some part(around 0.5 second) of begaining is cut when playing a file</u>
- 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 <u>Cleared bug that very short files do not go into the next file when you playback with gapless 'On'.</u>

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 <u>Clear the bug that Left and Right channels are switched, if you play back with CAF format recorded file.</u>
- 16 Improved that even albulm has already cover art, you can get the other Album cover art from Gracenote Cover.
- 17 <u>Assigned fixed USB Host Port number with front USB port 'USB1' and rear USB port 'USB2' and USB3' each start from right side.</u>
- 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.

Recitative and	d Aria from Cantata	a RV 6
QUAD Volume ca	Alta Powder Day / Garett Br DSD128-Eugene Bozza Child DSD128-Groven Undring / U DSD128-Groven Undring / U DSD128-Workfild Order Diversion In not be adjusted DSD USB out.	ennan Iren's Inknown ad Aria equ ght
	DSD64-Schbert String Quart Just in Time / Cootie Willian Light in the Fracture / Emily	et No 1s and Palen
00:28 Þ 03:24	4/15	

- 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





- 24 <u>Cleared bug that it plays all tracks in the folder, even if you select a few or single tracks in the folder (</u> <u>Browser of Webinterface.</u>
- 25 Micro adjustment of the code(software) related to storage detection and mounting

Thank you very much!