



DSD
Direct Stream Digital

DXD
Digital eXtream Definition

www.cocktailaudio.com

Revolutionary High-resolution All-IN-ONE Just add speakers and enjoy true high-fidelity sound



The most advanced All-In-One Music Player, CD Ripper,
Music Server, Network Streamer, Digital Recorder, and more.

cocktailAudio X35

P O W E R E D B Y N O V A T R O N



Features of Hardware and Engineering

- Equipped with high-performance Dual Core ARM Cortex A9 processor running at 1.0Ghz
- ESS ES9018K2M Sabre³² Reference DAC built-in
- Combined with two(2) separate high-performance Class D Amplifiers for left and right with total 200 watts
- Isolated power source circuit design for digital and analogue parts
- Toroidal transformer to minimize idle noise
- High speed optical disk drive for quick CD ripping
- 7 inch TFT LCD(1024 x 600 pixels) screen for intuitive GUI
- DAB+/FM Tuner built-in
- Giga Fast Ethernet(10/100/1000Mbps) built-in
- Support up to 8TB(Tera Bytes) storage like 3.5"/2.5" hard disk or SSD
- Rugged chassis construction with 13mm thickness aluminum front and knobs with CNC cutting
- HDMI Out connector for using an external screen like TV as its GUI screen

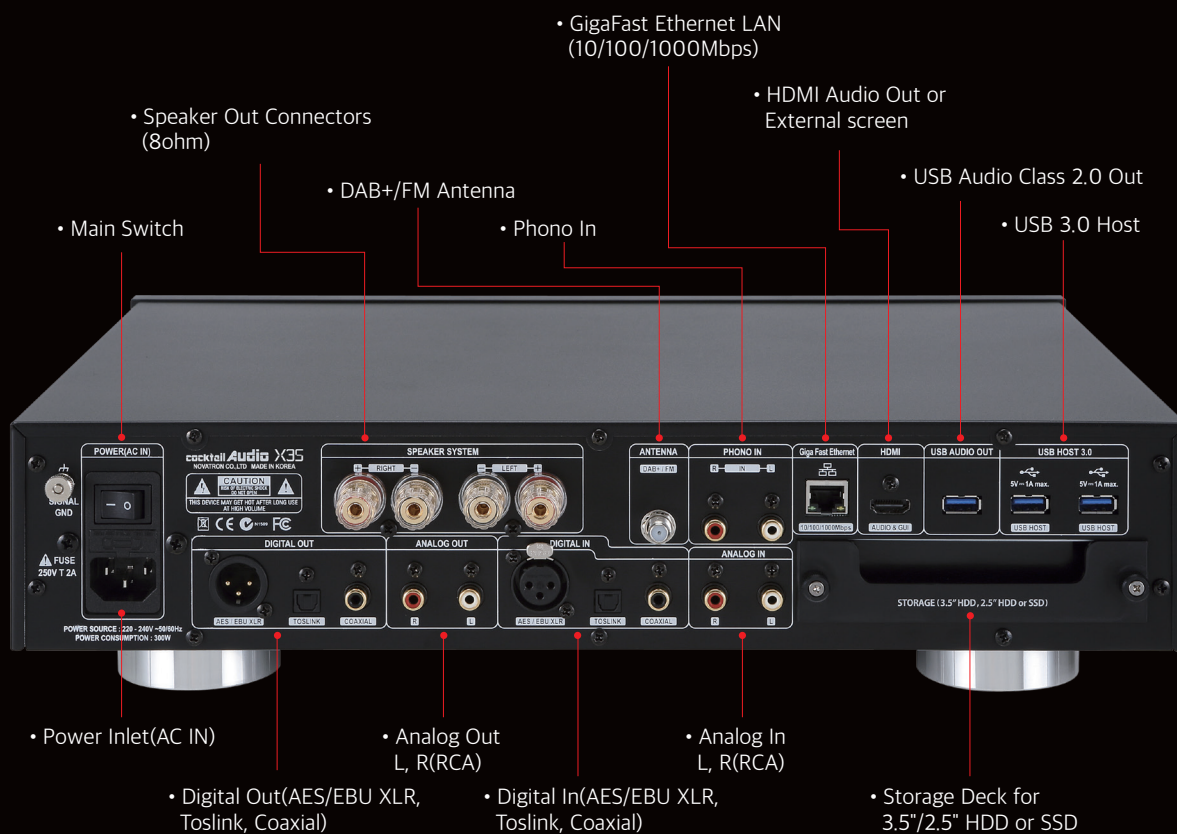
Features of functions and usage

- Support various file formats like DSD(64/128/256), DXD(24Bit/352.8Khz), PCM singal up to 32Bit/384Khz including 24Bit/192Khz WAV/FLAC and full range hi-res audio file formats
- Breathtaking sound quality delivered by ESS9018K2M Sabre³² Reference DAC
- CD Ripping with professional CD metadata and album cover art provided by Gracenote
- Phono Input(Moving Magnet) for Turntable. Play LP directly and record it
- Recording function with hi-res sampling rate 192Khz
- High Connectivity
- Versatile network functions
- Major Music Streaming Services(TIDAL, Deezer, Qobuz) and Internet Radio available
- Customized Remote Control App, NOVATRON MusicX for iOS and Android
- Provides customized WebInterface(WebUI) for remote control and MusicDB management by PC
- Support 'Roon Ready', which is the famous Music Player for Music Lovers





cocktail Audio X35



cocktail Audio X35

Just add speakers

Just add speakers, you will get a great hifi systems with versatile functions immediately. The X35 will deliver audiophile level sound quality to you.



What's the cocktail Audio X35

The X35 is the most innovative all-in-one HiFi system, which is featured by CD Ripper, Music Server, Network Streamer, Music Recorder, total 200 watts powerful amplifier built-in, and more. Just connect speakers to experience true high fidelity sound and great features

Breathtaking Sound Quality delivered by qualified components and circuit design technology

Equipped with qualified components like ESS SABRE³² Reference DAC ES9018K2M, two(2) high performance digital amplifiers, TCXO oscillator and high quality Toroidal Transformer including isolated power source circuit design technology and in-house R&D know-how for circuit designing, the X35 will deliver wonderful sound experience to you

High Performance System Resources and custom-designed software

Based on Dual Core ARM Cortex A9 processor running at 1.0GHz and custom-designed software, the X35 got everything ready for delivering powerful operation performance, plenty of features and functions powered by advanced software developed in-house.



High performance two(2) Digital Amplifiers for Left and Right with dynamic total 200 watts and low harmonic distortion

The X35 has two(2) digital amplifiers built-in separately for left and right to create powerful sound with extremely low harmonic distortion



Support various Hi-Res audio formats

DSD64, DSD128, DSD256, DXD(24Bit/352.8KHz), up to 32Bit/384KHz PCM signal including HD FLAC(24Bit/192KHz), HD WAV(24Bit/192KHz), APE/CUE, WAV, FLAC, ALAC, AIFF, AIF, AAC, M4A, MP3, Ogg Vorbis, PCM, M3U, PLS, etc





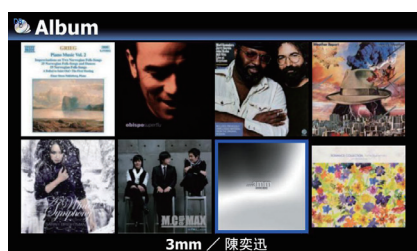
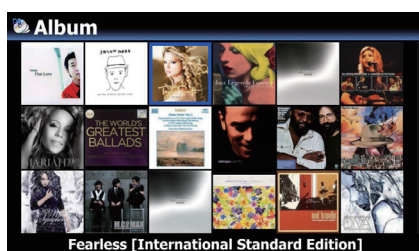
CD Ripping with Gracenote CD metadata and album cover art

Load all your CDs onto the Music Database of X35 in FLAC, ALAC, WAV or MP3 file format with CD metadata and album cover art from Gracenote



Music Database function

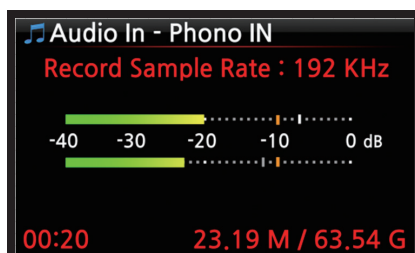
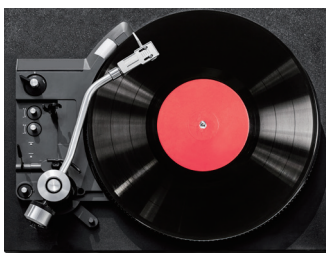
The X35 has a well-organized Music Database built-in, which offers very nice and convenient functions like SEARCH, Display by text or cover art, SORT, etc





🔗 Phono Input for your turntable

Just connect turntable to the X35 directly. You can enjoy your precious LP music with great sound, and record it to the X35 in digital file. Of course, the X30 offers very smart and convenient auto cutting function to edit the recorded music with easy



🔗 Recording with 192Khz hi-res sampling rate

The X35 offers a recording function for internet radio, DAB+/FM Radio, Analog In, Phono In, AUX In and Digital In. You can make your own digital music collection with high quality sound

🔗 Auto/Manual Cutting for the recorded files

Very smart auto/manual cutting function to edit the recorded files is available at the X35. You can easily edit the recorded files and make a nice music collection

cocktail Audio X35

Versatile Networking and Remote Control with a Customized App

Connect the X35 to your network for streaming music to and from other devices, listen to cloud based music services and control remotely using mobile devices with our customized remote control app, NOVATRON MusicX or WebInterface



Control remotely by mobile devices with Customized Remote Control App, MusicX



Control remotely by PC with WebInterface

You can control the X35 by your PC thanks to its WebInterface function

Support various network protocols like UPnP Server/Client/Renderer, Samba Server/Client

You can stream songs to and from other compatible devices in the same network

Major Music Streaming Services integrated

You can access tens of thousands of internet radio stations and online music services like TIDAL, Deezer and Qobuz



AirPlay and Spotify Connect

You can play songs from iOS devices and musics from Spotify on the X35 wirelessly

7 inch TFT LCD Screen for Intuitive GUI and HDMI Out for external screen

7 inch big screen will let you control the X35 easily with intuitive GUI, and connect it to your TV or external screen to view bigger GUI or a slideshow of photos while listening to your music collection



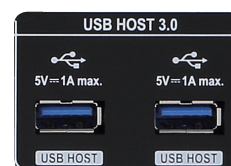
DAB+/FM Radio Tuner built-in

Enjoy high quality digital radio via DAB+ Tuner, and record any song or broadcast with high quality sound



High Connectivity

The X35 offers 2xUSB3.0 host, 1xUSB2.0 host, GigaFast Ethernet LAN and HDMI Out for external screen



Multiple inputs and outputs for various external devices

- USB Audio Class 2.0 Output
- Digital Out(Coaxial, Toslink, AES/EBU, HDMI)
- Digital In
- Analog Out/Input
- Phono Input
- And more. . . .



Rugged and durable casing

The X35 front panel is based on 13mm thickness aluminum with CNC cutting and total metal chassis. The die-cast aluminum feet provide rigidity along with additional resistance from external vibration.

Storage for Music Server

3.5"/2.5" SATA hard disk and Solid State Drive(SSD) is accepted to the X35, which supports up to 8TB capacity. You can install a storage easily thanks to a customized storage drive bay(drawer)



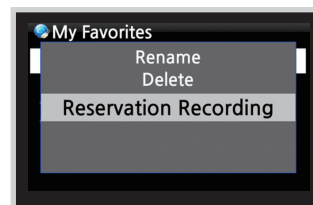
Useful functions

provided by well-created and smart software which is developed by in-house R&D organization



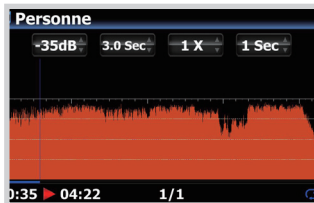
To merge multi-album or rip it into one folder(Album)

You can rip Multi-album into one folder (album)



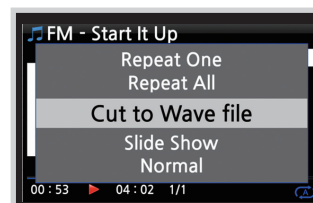
Reservation Recording

Schedule when you want the X35 to record iRadio with reservation recording



Auto Cutting function

Using this function, you can edit a file recorded by X35 easily.



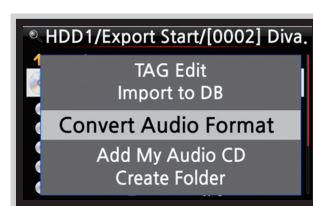
Edit recorded files

Edit recorded files cutting by unit of track or adding album tag info



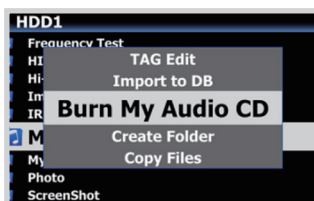
ROON Ready

If you like 'ROON' remote app from Roonlabs, you can use it with the X35



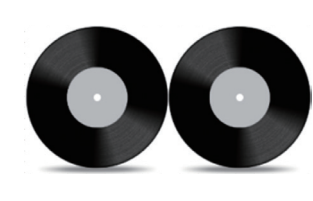
Audio file format conversion

Convert existing audio files into other formats, (e.g. mp3, FLAC, WAV, MP4) for use on other devices -MP3 player, car stereo, etc

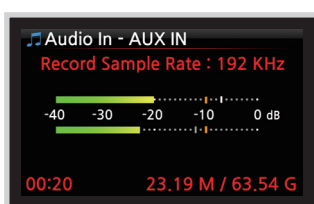


Audio CD Burning

You can burn Audio CD with the X35



Gapless Playback



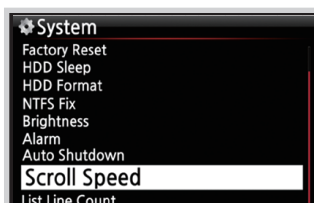
Record in 192KHz sample rate

Record from Analog IN, AUX IN, FM Radio and iRadio to high quality digital file like 192KHz sample rate



Photo Slideshow

Photo slideshow while listening to your tracks



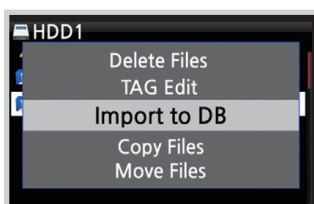
Scroll Speed

Control text scroll speed on the screen



HDD Format

Easy solution to format hard disk with Linux file system or NTFS

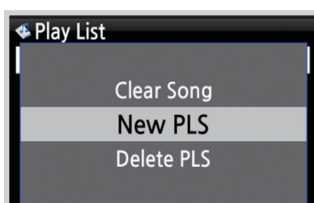


Import & Export your music

Import/Export music to/from the X35 Music DB via USB or over a network



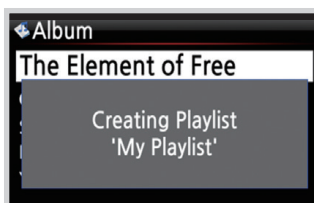
Edit music tag info



Make Playlist



Music DB backup & Restore



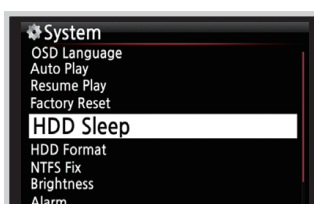
Make 'My Playlist'

This is virtual playlist



Auto Shutdown

Schedule when you want the X35 powered off



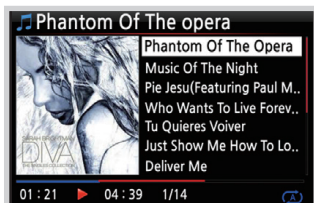
HDD Sleep

Go into sleep mode as set



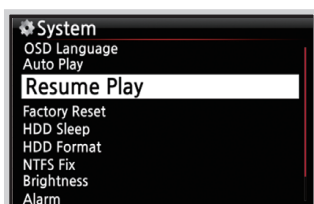
USB Keyboard

Use an USB keyboard to edit song tag info easily



Section Repeat

Set specific section to play repeatedly



Resume Play

After booting up, resume playing automatically where it was last stopped.

Specification

Model name	cocktailAudio X35			Remarks	
Host CPU & Memory	CPU: Dual Core ARM Cortex A9 running at 1.0GHz				
	Main Memory: DDR-1066 1GByte				
	EMMC 8GByte				
CD Player	Type	Front Loading			
	Supported media	CD, CD-DA, CD-R, CD-RW, DVD-R/RW			
Display	7.0" TFT LCD(1,024 x 600pixels)(* able to connect to ext. screen via HDMI out)				
Interface	Key & Jog(Volume/Scroll), IR Remote Control, Customized Remote App for iOS and Android devices, Web Interface				
Amplifier (Speaker Out)	Rated output : 100W + 100W @ 1Khz, 8ohm, 0.1% THD(Total 200 watts) (Dual Digital Amplifiers built-in separately for left and right)				
Analog Out (Sabre ³² ES9018K2M DAC)	PRE-OUT (L&R RCA)	L&R RCA, Dynamic Range: 127dB(Max 2Vrms, Stereo) THD+N: 0.0004%			
	Headphone Out	6.35mm Jack, 100mW+100mW@1Khz, 600ohm, 0.1% THD			
Digital out (Variable/Fixed)	COAXIAL x 1	S/PDIF 75ohm RCA, Sample rate: up to 24bit/192KHz			
	TOSLINK x 1	S/PDIF, Sample rate: up to 24bit/192KHz			
	AES/EBU/XRL x 1	110ohm, Sample rate: up to 24bit/192KHz			
	USB Audio x 1	USB Audio Class 2.0 Output			
	HDMI Out x 1	HDMI Audio Out(*Shared with HDMI Out for external screen)			
Analog Input (Sensitivity)	LINE In x 1	L&R RCA at the rear, default 2Vrms(controllable 1~4Vrms)			
	Aux In x 1	3.5mm Phone Jack on the front, default 1Vrms(controllable 0.5~2Vrms)			
	Phono In x 1	MM Input, default 7.5mVrms(controllable 3.75~15mVrms)			
Digital Input	COAXIAL x 1	Sample Rate: up to 24bit/192Khz			
	TOSLINK x 1	Sample Rate: up to 24bit/192Khz			
	AES/EBU/XLR x 1	Sample Rate: up to 24bit/192Khz			
Supported Storage	Hard Disk	2.5" SATA, up to 2TB	* Bigger capacity of storage will be supported by firmware update when available in the market		
		3.5" SATA, up to 8TB			
	SSD	2.5" SATA, up to 2TB			
TUNER	DAB+/FM Radio	Selectable for DAB/DAB+ or FM Radio			
Connectivity	USB Host	USB3.0(5V/1A) x 3 at rear (One is shared for USB Audio Out)			
		USB2.0(5V/1A) x 1 at front			
	Network	Wired	Giga Fast Ethernet(10/100/1000Mbs)		
		Wireless(Optional)	※ 802.11b/g/n WiFi USB dongle(Optional)		
	HDMI Out	Connect to external screen(* Shared with HDMI Audio Out)			
Codec & Format supported	DSD(DSD64, DSD128, DSD256), DXD(24Bit/352.8KHz), HD WAV(24Bit/192KHz), HD FLAC(24Bit/192KHz), APE/CUE, WAV, FLAC, ALAC, AIFF, AIF, AAC, M4A, MP3, WMA, Ogg Vorbis, PCM, M3U, PLS, etc				
Network Protocols Supported		UPnP(DLNA) Server/Client/Media Renderer, Samba Server/Client, FTP Server, Web Server, etc			
Internet Services	Internet Radio		Airable		
	Online Music Services		TIDAL, Deezer, Qobuz, Spotify Connect		
Supported OSD languages		English, German, French, Spanish, Italian, Polish, Dutch, Russian, Traditional Chinese, Korean,(To be added by request)			
Isolated Power management	Toroidal Transformer		For audio signal management		
	500W internal SMPS		For digital CPU management		
Power Source	220V area		AC 220V - 240V, 50/60Hz		
	110V area		AC 110V - 120V, 50/60Hz		
Mechanical	Material	Front	13mm thickness aluminum by CNC cutting		
		Knob	Aluminum by CNC cutting		
		Body	Metal		
	Dimension	Without foot	441mm(W) x 330mm(D) x 100mm(H)		
With foot		441mm(W) x 330mm(D) x 111mm(H)			
Certificate	CE, FCC, EMI, etc				

※ Specification to be changed without notification

NOVATRON

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