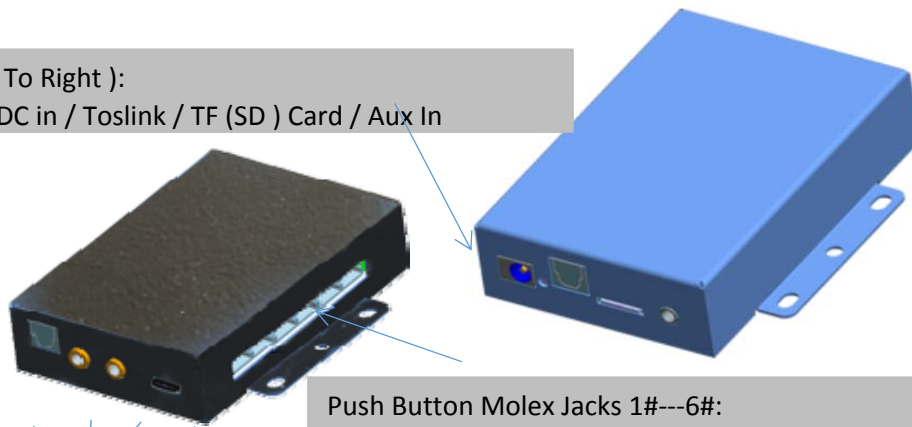


Name **24-Bit 192KHz USB C Headphone Demonstrator With Built-in Type-C Port**
Model No. A24HC3

Interface

(Left To Right):
12V DC in / Toslink / TF (SD) Card / Aux In



Push Button Molex Jacks 1#---6#:
PB1-Type C / PB2-3.5mm / PB3 3.5mm/ V+/V- / All

(Left To Right)
Toslink / 3.5mm / 3.5mm / USB C

Features

Special Made For Premium USB-C Headphone & Earphone Demonstration, No Need Type-C Adapters
Supports 1-Channel USB C Digital Audio and 2 Channels 3.5mm Analogue Audio
Support Customer's Audio Line-in Via Mobile Device Such Smartphone, iPod/iTouch/iPhone/iPad;
Supports Optical (Toslink) line-in & line-out
Text File based play control configurator for custom programming by retail integrators

Tech Spec

DAC Spec: 24-bit, 192KHz;
File formats: mp3, wav, flac;
File storage media: Micro SD card (TF) ,USB 2.0, format: FAT 32;
Interface: USB C x1, 3.5mm Headphone Output Port x2, Toslink Optical Outputx1, 3.5mm Aux in Port x1, DC in 12V x1, Micro SD card x1, Toslink Optical Inputx1, GPIO 4-pin Molex Port x 6;

Acoustic

>Frequency response: 20 – 20KHz (+/- 0.609dB) , ;
>Measured Total Harmonic Distortion: 0.07% ;
>SNR:81.5dB;
>Measured Output: 227mV / 6.49wW ;
>Measured Output dB levels(dBu): -10.6dbu@ 1KHz

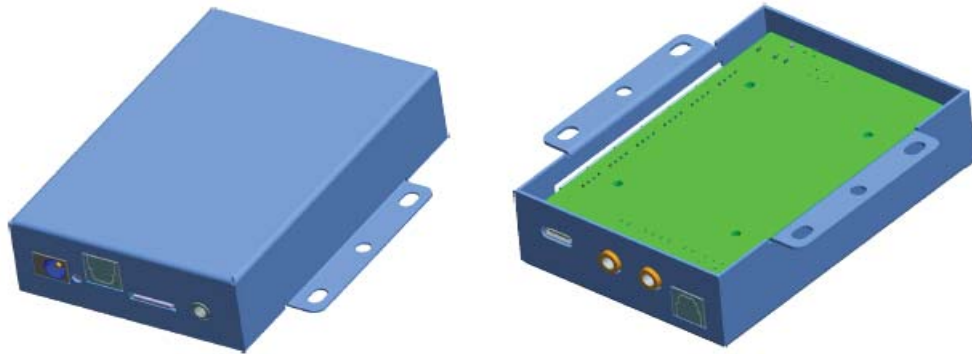
Description

A24HC3 is the perfect fit in retail environments where USB C headphones & headsets requires direct connection with type-C port to demonstrate high resolution 24-bit audio experience.

Like all our other audio players in our headphone demonstrator product family, it is intuitive with a simple playlist of audio files plus a custom programming play control configurator to let retail integrator DIY custom setup: playlist, volume increments, default volume level, timeout, etc.

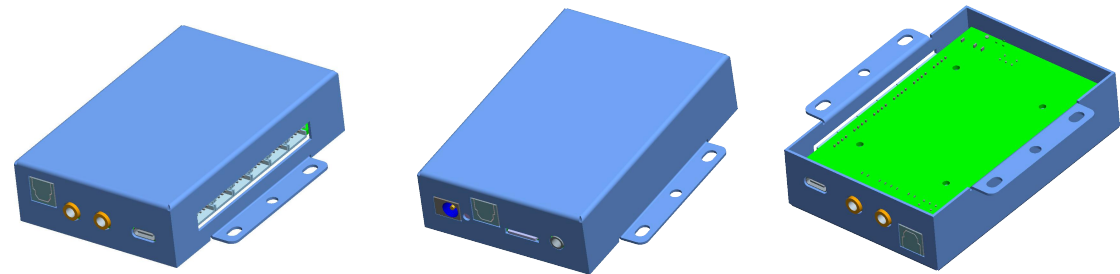
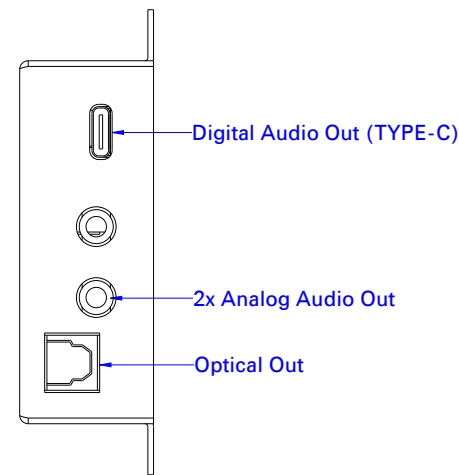
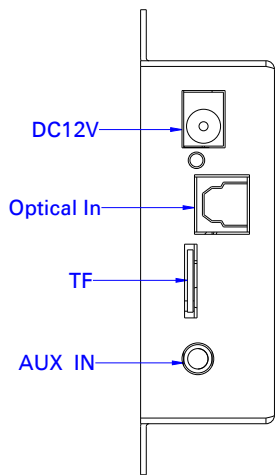
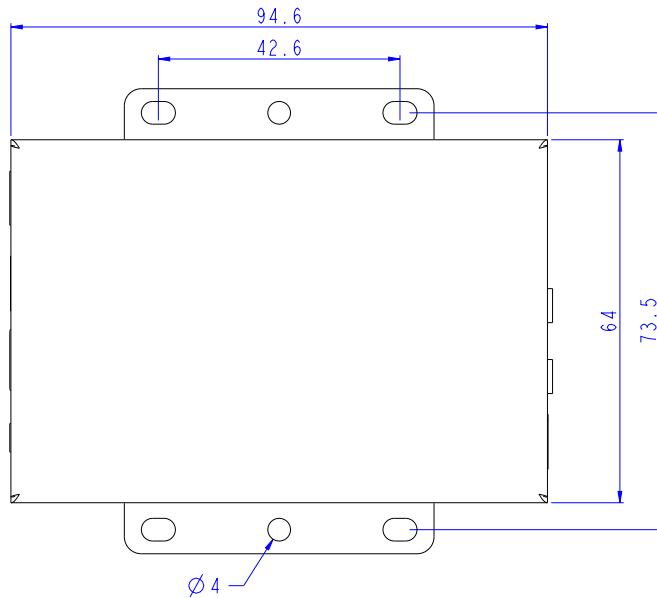
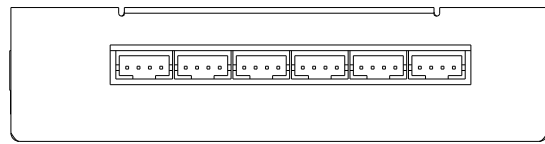
With built-in USB C port, headphone retail display installation will be much more simplified, Type C adapters are of no need any longer.

Our premium 24-bit 192KHz DAC would be a perfect match to even the most famous headphone brands with wide dynamics & high clarity.



User Flow

- >Power on auto loop or standby or play a single file once then standby; Default Output to a pre-designated port saying 1# Type C port or other..
- >Press Headphone Selection Button to Listen And Compare Demo Headphones, Press it again to go to the next track, while one button is engaged, press the other will switch the audio to the other headphone, the sound will be continued from where it is switched.
- >Press Volume control buttons to adjust the volume levels.
- >For every X seconds (X= timeout settings in the text file configurator), if no user presses any button, the system will timeout to the default mode



GENERAL TOLERANCE				UNITS:	SCALE:	THIRD ANGLE
ANGLE: 0.5° DECIMAL: ±				mm	1:1	
>0-10	0.05	0.10	0.20	TITLE:	MODEL:	DRAWING NO.
>10-200	0.10	0.20	0.40	DRAWN:	CHECKED:	ASSY01
>200	0.20	0.40	0.80	SHEET: 1 OF 1	张健	APPROVAL:

NO.	NEW	张健	2023-08-01
	DESCRIPTION	NAME	DATE