



INTERFACE
PRODUCTS.INFO



4K Interface & Connectivity products

milestone PRO
2021-Q1

Audio Extender

1-TOSLINK | 1-COAX | 1 3.5mm to All

MPTP – T100A



Milestone PRO

This product is an audio extender including Transmitter and Receiver. It is designed to extend the Stereo audio signal up to 170m, and the TOSLINK, COAX audio signal up to 290m via CATx cable..

Applications:

This unit can cater to any Boardroom, conference room, training room, huddle room, home theatre.

Compatibility:

Three audio inputs can be switched: TOSLINK /COAX / Stereo, Three audio synchronous outputs: TOSLINK, COAX & RCA (L+R), The Transmitter is powered by the Receiver 12V DC by PoC, Technology, The transmission distance of Stereo audio signal can up to 170m over a single CATx cable, and the TOSLINK, COAX audio signal up to 290m.

Features:

- Sound channel ,TOSLINK & COAX: 2.0-7.1
- TOSLINK & COAX: PCM/ Dolby/DTS
- AUDIO: Stereo
- 20 Hz to 20 kHz, ± 3 dB
- Sample rate: 48k/96k/192k 16bit/18bit/24bit
- Stereo: Up to 170m (CAT5e/6/7)
- TOSLINK/COAX: Up to 290m (CAT5e/6/7)

Inputs:

- 1 x TOSLINK, COAX or AUDIO – Transmitter
- 1 x TP (RJ45) – Receiver side

Output:

- 1 x TP (RJ45) – Transmitter side
- 1 x TOSLINK, COAX & RCA(L+R) – Receiver

Power:

- DC 12V, 1A

Size:

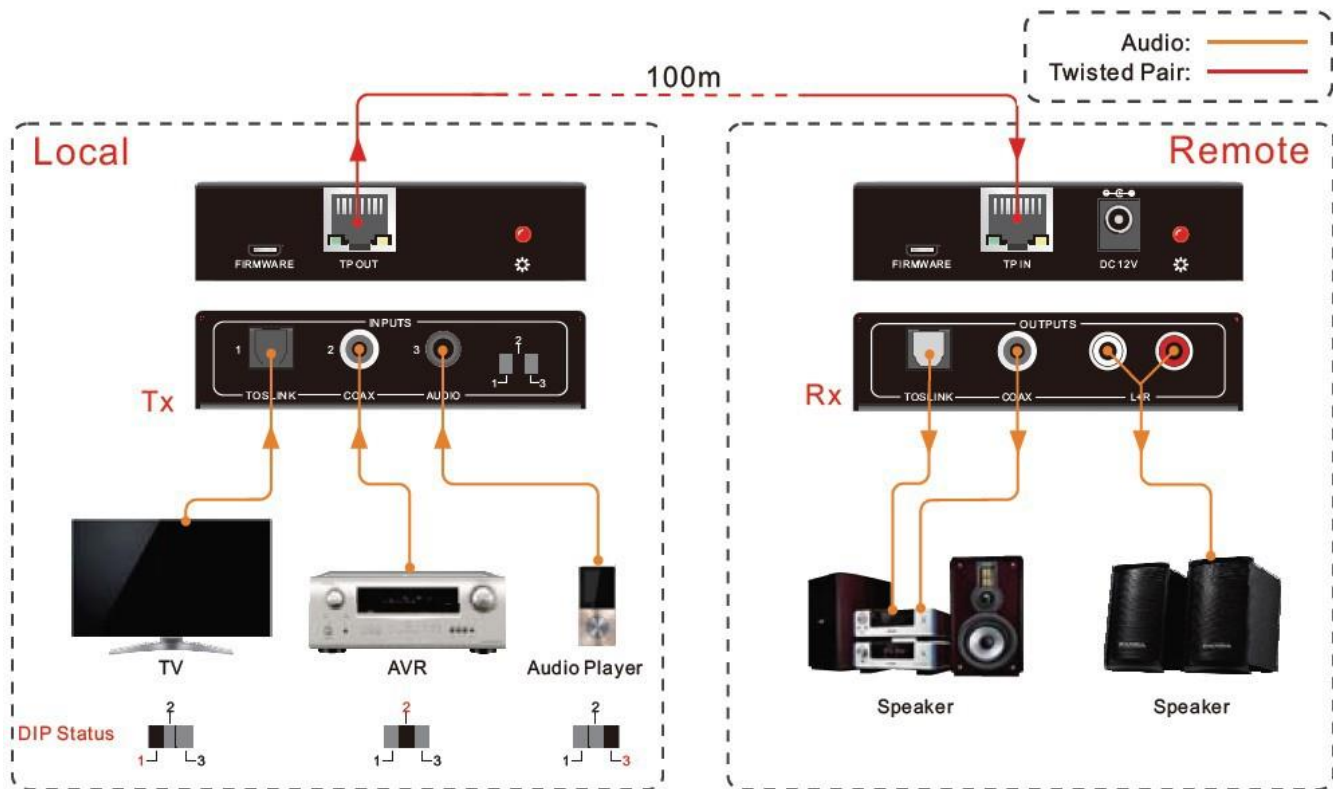
- (H/W/D) = 80mm x 88mm x 21.5mm

Packing:

- 1* Transmitter
- 1* Receiver
- 4* Mounting ears
- 8* Screws
- 8* Black plastic cushions
- 1* Power adaptor
- 1* User manual



Connectivity Diagram:



HDMI Emulator

MP – HD - GEN



This is a portable **mini HDMI signal generator and display emulator (signal analyzer)**, two functions combine into a **compact size chassis**. This is very useful for AV installers or testers; When work as signal generator, it can generate 4 signals, max resolution up to 4K@60Hz, 4:4:4, also can analyze the HDCP content, there is a 4 pin DIP switcher to control this.

Applications:

This unit can cater to any Boardroom, conference room, training room, huddle room or a small meeting room.

Compatibility:

Used as HDMI signal generator or display emulator (signal analyzer), Provides **4-pin DIP switch for setting video resolution and HDCP content**, Supports 4K@60Hz 4:4:4, 4K@60Hz 4:2:0, 4K@30Hz 4:4:4, or 1080p@60Hz video signal output, Supports HDCP OFF, HDCP 1.4 or HDCP 2.2 output, **Supports four different test patterns for HDCP version**, LEDs show signal and HDCP status.



Features:

- supports 4K@60Hz 4:4:4, 4K@60Hz 4:2:0
- supports 4K@30Hz 4:4:4, 1080p@60Hz
- Supports four different test patterns for HDCP version
- Supports HDCP OFF

Inputs:

- 1 x HDMI

Output:

- 1 x HDMI

Power:

- DC 5V, 1A USB Power

Size:

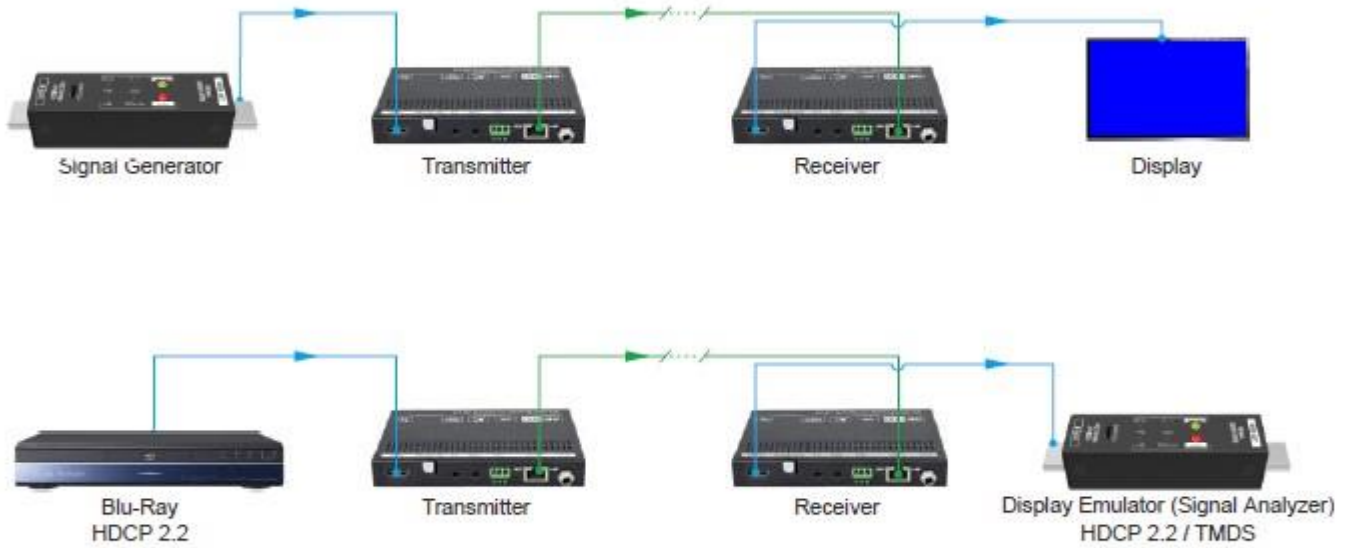
- (H/W/D) = 22mm x 75mm x 19mm

Packing:

- 1* MP-HD-GEN
- 1* USB Power cord
- 1* Brown cloth Bag
- 1* User Manual



Connectivity Diagram:



HDMI2.0 to USB Capture Device

MP – HU3VC-H2



MP-HU3VC-H2 is a HDMI to USB video capture device. This is designed to capture video and audio signal from the HDMI source. The content captured can be saved to the PC/Laptop through a USB cable.

Applications:

This unit can cater to any Boardroom, conference room, training room.

Compatibility:

Capture video and audio from HDMI sources, **HDMI video resolution is up to 4K@60Hz 4:4:4, HDR10**, Supports HDMI loop output for display device connection, Capture resolutions up to 1080p at 60 frames per second through USB port, Compatible with multiple third party applications, such as OBS /VLC / Potplayer / YouTube on Windows, QuickTime on MacOS-X, Supports microphone input and headphone output, Powered from USB port, no external power supply required.



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Features:

- HDMI 2.0, HDCP 2.2
- Support source up to 4K@60Hz 4:4:4, HDR10
- Captured Video by USB @ 1080p@60Hz
- USB output color space YUV2, RGB
- HDMI loop out for display device connection
- Microphone Audio Format PCM 2.0
- Headphone Audio Format PCM 2.0
- Compatible Media Player OBS, Potplayer, VLC etc..
- Features visually lossless compression with no latency

Inputs:

- 1 x HDMI (female)
- 1 x MIC IN (3.5mm jack)

Output:

- 1 x HDMI (female)
- 1 x Earphone (3.5mm jack)
- 1 x USB Record (USB-A)

Power:

- USB Powered

Size:

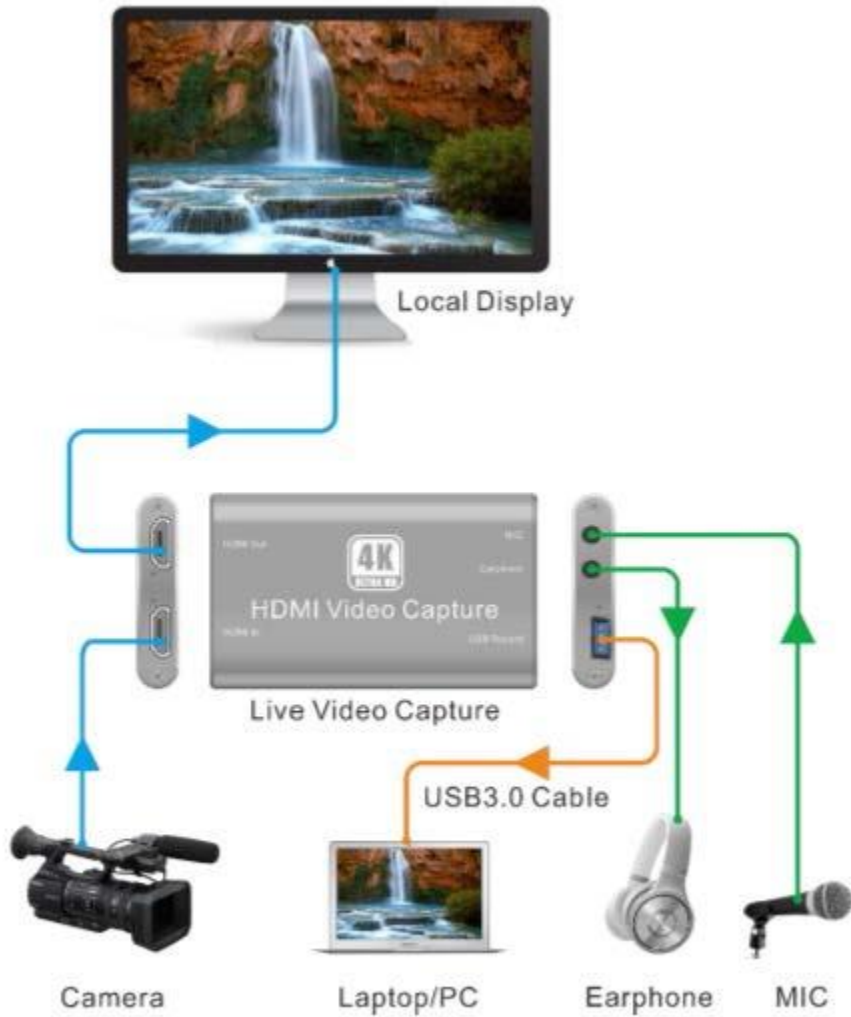
- (H/W/D) = 13mm x 102mm x 61mm

Packing:

- 1* MP-HU3VC-H2
- 1* USB cable
- 1* User manual



Connectivity Diagram:



Applicable Product line

Models:

MPTP-T60S-H2	(HDMI2.0 extender over CATx , 18G, 4K@60Hz 4:4:4,60M, HDMI loop out and bi-directional IR)
MPTP-T70S-H1	(HDMI 2.0 extender over Cat6 4K @60Hz,4:4:4,18G, 70m, Bi-direction IR, RS232 & 12V POC)
MPTP-T70S-H2	(HDMI2.0 extender over HDBaseT 18G, HDR, HDCP2.2, 70M, two way IR, RS232, 12V POC)
MPTP-T70SC-H2	(HDMI2.0 set over HDBT for HDMI,IR,RS232 with ARC,70m,support Scaler& test pattern function)
MPTP-T100SS-H2	(HDMI2.0 over HDBaseT set, 4K, HDCP 2.2, 100m, HDMI, IR & RS232, 2 Ethernet, two way PoH)
MPTP-T-101US	(HDMI over HDBaseT set, 4K, HDCP 2.2, 100m, HDMI, USB 2.0,RS232 with 3 USB OUT)
MPTP-T70HDV	(HDMI, DVI,VGA(3 to 1) HDBT Tx & HDBT Rx (1 to 3)with HDMI, DVI, VGA, 1080p)
MPTP-T70-WPT	(HDBT wall plate Tx, 4K, HDCP 2.2, 70m, HDMI, VGA, IR & RS232, PoC, Select Switch)
MPTP-T100RPT	(HDBT Repeater, 4K, HDCP 2.2, 100m, IN--1 HDBT ,OUT--1 HDBT,2 HDMI,1 AUDIO)
MP-HD-WL11	(HDMI 1.4 WIRELESS Extender, up to 1920*1080P 427ft/130m)



Digital Amp

Mini Digital Amplifier – 2x20W @ 8 Ω

MP-A2B



MP-A2B is a **digital amplifier (Class-D)** with **2 line & 1 MIC inputs**, which supports EQ control and MIC mixing. With **2x20W@40hm** as default output, it can be switched to **1x40W@80hm** by bridge connection.

Applications:

This unit can cater to any Boardroom, conference room, training room, huddle room or a small meeting room.

Compatibility:

2 switchable analog audio inputs, **One 3-level MIC input with mixer function**, Stereo, Dual mono & Bridge output mode selectable, **Bass, Treble & Volume adjustable**, Loop output to cascade to another amplifier, Locking power adaptor, Controllable via button, RS232(optional IR via IR-A2B).

Features:

- Output 2x20W / 1x40W (bridge) 40hm / 80hm
- frequency Response 20Hz-20KHz
- SNR 80dB(Max)
- THD noise <1% @1KHz
- Control via Buttons, RS232, optional IR remote

Inputs

- 2 x Stereo (L + R RCA 3.5mm jack)
- 1 x MIC (3P captive screw connector)

Output:

- 1 x Amplifier (4P captive screw connector)
- 1 x Stereo loop out (3.5mm jack)

Power:

- DC 24V, 2.5A

Size:

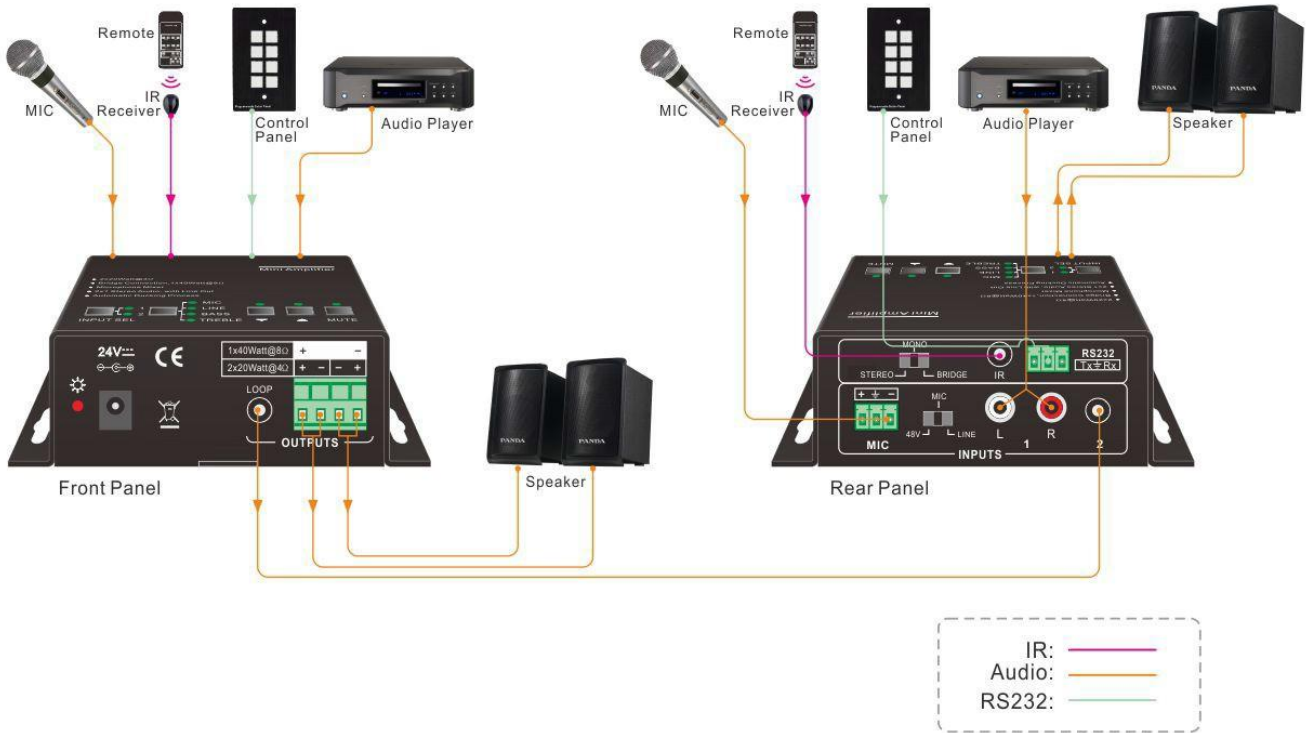
- (H/W/D) = 38mm x 96mm x 87mm

Packing:

- 1* MP-A2B
- 2* Pluggable Terminal Blocks
- 1* RS-232 Cable
- 4* plastic cushions
- 1* Power adaptor (DC 5V, 1A)
- 1* Power cord
- 1* User Manual



Connectivity Diagram:



Applicable Product line

Models:

- MP-A3B** (Audio amplifier 40W70V/100V, 3 line & 1 MIC inputs)
- MP-A250B** (Audio amplifier 2x50W-Class-D, 3 line inputs with IR & TCP/IP)
- MP-IR-A2B** (IR Remote to MP-A2B)
- MP-IR-A3B** (IR Remote to MP-A3B)



Mini Digital Amplifier – 40W @ 70V / 100V

MP-A3B



MP-A3B is a 40Watt constant voltage amplifier with 70V or 100V outputs for option. It is with 3 line & 1 MIC inputs, which supports EQ control & MIC mixing.

Applications:

This unit can cater to any Boardroom, conference room, training room, huddle room or a small meeting room.

Compatibility :

3 switchable audio inputs: 1 digital and 2 analog, One 3-mode MIC input with mixer function, condenser MIC supported, 40W output, compatible with 100V and 70V, Ducking function, Bass, treble and volume adjustable, Locking power adaptor, ID identification for RS232 looping control, Controllable via button, RS232, and IR (IR-kit for option).

Features:

- Output 40W @ 70V / 100V
- frequency Response 20Hz-20KHz
- Signal to noise ratio 80dB(Max)
- THD noise 1%@1KHz, 0.3%@20KHz nominal level
- Control via Buttons, TCP/IP RS232,IR remote

Inputs

- 2 x Stereo (L + R RCA 3.5mm jack)
- 1 x MIC (captive screw connector)
- 1 x Digital Audio (SFP fiber connector)

Output:

- 1 x Mono Amplifier (3P captive screw connector)

Power:

- DC 24V, 2.5A

Size:

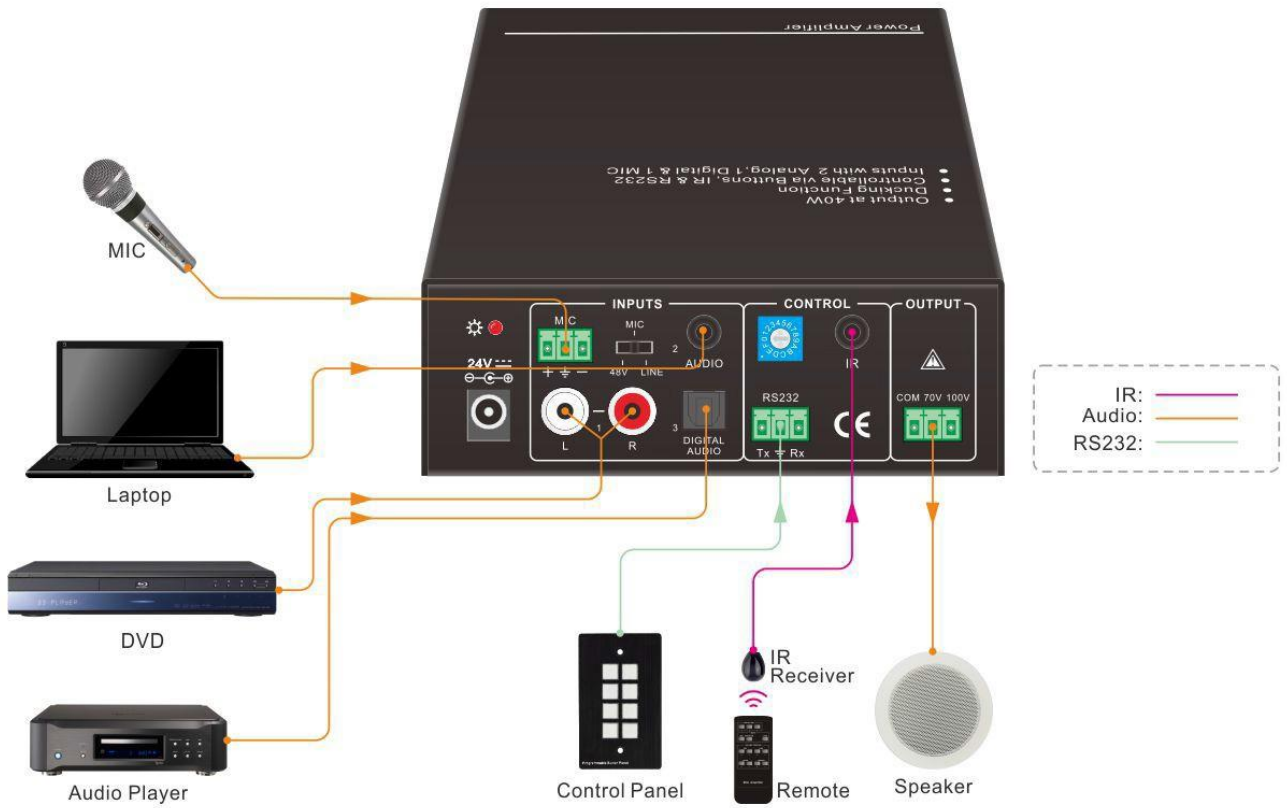
- (H/W/D) = 44mm x 153mm x 144mm

Packing:

- 1* MP-A3B
- 2* Mounting ears
- 4* Screws
- 1* Pluggable Terminal Blocks
- 1* RS-232 Cable
- 4* plastic cushions
- 1* Power adaptor (DC 5V, 1A)
- 1* Power cord
- 1* User Manual



Connectivity Diagram:



Applicable Product line

Models:

- MP-A2B** (Audio amplifier 2x20W-Class-D, 2 line & 1 MIC inputs)
- MP-A250B** (Audio amplifier 2x50W-Class-D, 3 line inputs with IR & TCP/IP)
- MP-IR-A2B** (IR Remote to MP-A2B)
- MP-IR-A3B** (IR Remote to MP-A3B)



Mini Digital Amplifier — 2x50W @ 8Ω

MP- A250B



MP-A250B is a compact-size digital amplifier (Class-D) with 3 inputs (1 L+R stereo audio, 1 analog audio, 1 optical fiber audio). It features switchable stereo or mono output, and boasts complete EQ adjustment and intuitive work status display, making it an ideal addition to a classroom or conference room application.

Applications:

This unit can cater to any Boardroom, conference room, training room, huddle room or a small meeting room.

Compatibility :

3 audio inputs: 1 L+R stereo, 1 analog, 1 optical fiber, Switchable stereo / mono output, Complete EQ management: including LINE, BASS, TREBLE, Easy volume adjustment via a rotary knob, Audio loop output Intuitive LED indicators for input source, control and volume setting, Controllable via RS232, IR, TCP/IP (optional), Web-based GUI , Power off memory.



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Features:

- Output 2x50W / 1x100W @ 4ohm/8Ohm
- frequency Response 20Hz-20KHz
- Signal to noise ratio 85dB(Max)
- THD noise <0.01% @1KHz
- Control via Buttons, TCP/IP RS232,IR remote

Inputs

- 2 x Stereo (L + R RCA, 3.5mm jack)
- 1 x Digital Audio (SPDIF fiber connector)

Output:

- 1 x Amplifier (4P captive screw connector)
- 1 x Stereo Loop Out (3.5mm jack)

Power:

- DC 33V, 4A

Size:

- (H/W/D) = 44mm x 148mm x 160mm

Packing:

- 1* MP-A250B
- 2* Detachable Mounting ears
- 4* Screws
- 1* Pluggable Terminal Blocks (1 x 3-pin & 1 x 4-pin)
- 1* IR Remote
- 1* IR Receiver (5V, without carrier)
- 4* plastic cushions
- 1* Power adaptor (DC 5V, 1A)
- 1* Power cord
- 1* User Manual



Connectivity Diagram:



Applicable Product line

Models:

- MP-A2B (Audio amplifier 2x20W-Class-D, 2 line & 1 MIC inputs)
- MP-A3B (Audio amplifier 40W(70V/100V),3 line & 1 MIC inputs)
- MP-IR-A2B (IR Remote to MP-A2B)
- MP-IR-A3B (IR Remote to MP-A3B)

