40W (Class D) Audio Amplifier

The PT-AA140 is a compact digital amplifier ideally suited to medium sized meeting rooms, hotel lobbies, reception areas or retail outlets. Its compact constant voltage design is both, unobtrusive and powerful. The refined feature set delivers high quality sound reproduction, but with no unnecessary extras. Using a simple yet innovative control method, multiple amplifiers can be configured at once. This amplifier is ideally suited for public announcements due to the innovative ducking function. This clever add-on lowers the current audio to an acceptable level, allowing for mixed voice audio to be heard over the speaker system.

DIGITAL AMPLIFICATION
High-performance and efficient Class D amplifier provides 40W constant voltage transmission at both 70V and 100V.

FLEXIBLE MIC INPUT
All microphones are supported – 48V phantom power, dynamic and wireless MIC. Combined with its auto mute feature and built-in noise suppression, it ensures perfect sound reproduction mixed to the output every time.

PUBLIC ADDRESS
The ducking function allows line level volume to be muted whenever the MIC input is active, making it ideal for announcement installations in reception areas or the retail environment.

COMPLETE CONTROL
Volume, bass, treble and all switching controls are provided via front panel button and IR remote. Its innovative RS232 option allows comprehensive control of up to 15 simultaneous devices.

SWITCHABLE INPUT
Three fast switching analogue and digital inputs, as well as a separate MIC, make this a comprehensive all-in-one audio solution.

COMPACT SIZE
All of this technology is packed into a compact sized enclosure, for installation into furniture or a professional rack room.

AUDIO

Input	1 x RCA Stereo (L and R); 1 x 3.5mm Jack; 1 x Toslink Fiber; 1 x MIC Input 3 pin Phoenix (3.81mm)
Input Impedance	>10KΩ
Output	1 x Mono Amplifier 3 pin Phoenix (3.81mm)
Output Type	Constant Voltage 70V or 100V

CONTROL PART

Control Port	1 x RS232 (3 pin Phoenix), 1 IR IN (3.5 mm Jack)
Button Control	Front Panel: total 5 Buttons 1 x 16 Pole Rotary Encoder; 1 x 3 Pole Slide Switch

GENERAL

Voltage Gain	26dB
Stereo Channel Separation	>70dB@20Hz to 20KHz
Frequency Response	20Hz ~ 20KHz
Operating Temperature	-10° C ~ +40° C
Relative Humidity	10% ~ 90%
Power Supply	DC 24V 2.71A - Locking Barrel (5.5mm Outside Diameter, 2.1mm Inside Diameter)
Power Output	5W
Dimensions (W x H x D)	130mm x 44mm x 144mm
Net Weight	0.86Kg

OPTIONAL ACCESSORIES

IR	PT-IRK-AA140	IR Kit for PT-AA140 incl. Remote Control & IR Receiver Cable

RS232	PTM-RS100	Universal RS232 Cable with Adjustable Pin Settings

- Stereo (3.5mm Jack)
- Stereo (RCA Left)
- Stereo (RCA Right)
- MIC (3 pin Phoenix)
- Toslink
- RS232 (3 pin Phoenix)
- IR (3.5mm Jack)
- Power (DC Barrel)

Amplified Mono (3 pin Phoenix)

— Audio
— Control
— Power