

Compact 40W 70V/100V Audio Amplifier with Mic Mixer






3 Switchable Inputs — RCA, 3.5mm, TOSLINK — with RS232, IR & Front Panel Control

MPN: AP3DBL



Routes audio from any combination of analog or digital sources through a single 40-watt amplifier output switchable between 70V and 100V distributed speaker systems — with built-in MIC mixing, ducking, Bass/Treble EQ, and 48V phantom power in a compact desktop chassis.

Designed for classrooms, conference rooms, lecture halls, and hospitality spaces, the AP3DBL supports RS232 with 16 addressable ID codes for multi-unit loop control, IR remote, and front panel operation. MIC input supports condenser, dynamic, and wireless types with balanced/unbalanced wiring and auto-ducking.

 40W 70V / 100V	 TOSLINK Digital Input	 48V Phantom MIC Mixing	 RS232 16-ID Loop	 CE / FCC / UL Certified
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KEY FEATURES

- 40W mono output switchable between 70V and 100V distributed speaker systems
- 3 switchable inputs: dual-mono RCA, 3.5mm stereo, and TOSLINK digital optical
- 3-level MIC input — condenser (48V phantom), dynamic, and wireless/line; balanced/unbalanced
- MIC ducking with auto-recovery; independent Bass & Treble EQ control
- 16 addressable ID codes (0–F hex) for RS232 multi-unit loop control
- Volume, EQ, input selection via front panel, IR remote, or RS232 (9600 baud, 8N1)
- Stereo line output for zone feed or recording; ID loop RS232 pass-through
- Convection cooled, antistatic case; CE/FCC/UL certified; 3-year warranty

SPECIFICATIONS

Output Power	40W @ 70V or 100V (switchable)
Inputs	RCA dual-mono, 3.5mm stereo, TOSLINK optical, MIC (captive screw)
MIC	48V phantom / MIC / LINE selectable; balanced & unbalanced
Audio Output	Mono amplifier (captive screw) + stereo line out (3.5mm)
Frequency Response	120Hz – 20kHz
SNR / THD	80dB / 1% @ 1kHz, 0.3% @ 20kHz
Control	RS232 (9600 8N1) + IR + front panel; 16 ID codes
Power Supply	DC 24V adapter (included); 5W consumption
Dimensions / Weight	1.5" × 3.78" × 3.45" (H×W×D) / 0.67 lbs
Certifications	CE / FCC / UL • 3-Year Warranty

PACKAGE CONTENTS

1× AP3DBL • 1× DC 24V adapter • 2× mounting ears • 1× RS232 cable • 1× IR remote • 1× IR receiver • 4× screws • 1× user manual



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