

NEW

AMPMA70V40

# 70V, 40W DIGITAL MINI AMPLIFIER

70 V, 40 W, POWER AMPLIFIER (CLASS-D) WITH OUTPUT  
ALTERNATIVELY AT 70 V OR 100 V. DIGITAL AND RCA INPUTS.



DIGITAL AUDIO SOURCE



PC SOURCE



MIC SOURCE



PC CONTROLLER

## AMPMA70V40 – 70V, 40W, DIGITAL MINI AMPLIFIER

- Mono Audio Output at 40 W
- One Digital Audio Input (Optical)
- Two Stereo Audio Inputs
- 70 V and 100 V Switchable
- Ducking Function
- 16 ID Code Control
- 3-Level MIC Input
- MIC Port Noise Suppression
- Switchable Stereo to Digital
- Volume/Bass/Treble Controls
- Convection Cooler (Fan Not Needed)
- Remote Control Included

For Use with All OWI Speakers  
Including the P-Series, C9278,  
703i and In-Ceiling Speakers



**OWI**<sup>®</sup>  
OWI Incorporated  
Established 1978

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Remote Control and Sensor (Batteries Not Included)



AMPMA70V40 Top Panel



100-240 VAC Power Supply



**FRONT PANEL FEATURES:**

- 1) Audio Input Selection
- 2) Audio Control
- 3) Volume Adjuster / Mute



**BACK PANEL FEATURES:**

- 1) LED Power Indicator
- 2) Mic. Input Port
- 3) Audio Input
- 4) ID Code
- 5) IR Eye
- 6) Power Port
- 7) 2 x RCA Input
- 8) Digital Audio Input
- 9) RS232
- 10) Audio Output

Small but Powerful Digital Amplifier (Class D), with EQ Control MIC Mixer Function and IR Remote Control. Applications Include Classrooms, Meeting Rooms, Restaurants and Bars.

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**AMPIRMA70V40**

- Remote Control
- 14 Button Control
  - Power Consumption – 3 VDC
  - Powered by One Lithium Battery - Model CR2025 (Battery Not Included)
- Receiver
- Receiver with 3.5 mm Phone Jack
  - 1.5 Meter Cord
  - 7 Meter Effective Receiving Range

**RECOMMENDED SPEAKERS**

For Use with All OWI Speakers Including the P-Series, C9278, 703i and In-Ceiling Speakers



P8378 - 8"  
P6278 - 6"  
P5278 - 5"



C9268



703i



IN-CEILING

**GENERAL SPECIFICATIONS – AMPMA70V40**

| AUDIO INPUT             |  | AUDIO OUTPUT        |   |
|-------------------------|--|---------------------|---|
| Input 1                 | 1 ea. Stereo Audio (L & R RCA)   | Output              | 1 ea. Mono Amplifier                        |
| Input 2                 | 1 ea. Stereo Audio (3.5 Mini Jack)   |                     |   |
| Input 3                 | 1 ea. Digital Audio (Optical Cable)  |                     |   |
| Input 4                 | 1 ea. MIC  |                     |   |
| Input Connector 1       | 1 ea. RCA L/R  | Output Connector 1  | 1 ea. 3-Pole 3.81mm Captive Screw Connector |
| Input Connector 2       | 1 ea. 3.5mm Jack   |                     |   |
| Input Connector 3       | 1 ea. SPF Fiber Connector Optical  |                     |   |
| Input Connector 4       | 1 ea. 3-Pole 3.81mm Captive Screw Connector  |                     |   |
| Input Impedance         | >10 kΩ   | Output Type         | Constant Voltage 70 V or 100 V              |
| <b>AUDIO GENERAL</b>    |  |                     |   |
| Frequency Response      | 120 Hz ~ 20 kHz  | CMRR                | >70 dB @ 20 Hz ~ 20 kHz                     |
| SNR                     | 80 dB (Max)  | Bandwidth           | 120 Hz ~ 20 kHz                             |
| Rated Power Output      | 40 Watt @ 8 Ω  | THD + Noise         | 1% @ 1 kHz, 0.3% @ 20 kHz at Nominal Level  |
| Voltage Gain            | 26 dB  | -                   | -   |
| <b>CONTROL FUNCTION</b> |  |                     |   |
| RS232 Control           | 1 ea. 3-Pole 3.81mm Captive Screw Connector  | Front Panel Control | Buttons                                     |
| ID Code Control         | 16 ID Codes for Control  | -                   | -   |
| IR Remote               | 14 Button Control - Powered by One Lithium Battery - Model CR2025 (Battery Not Included) |                     |   |
| <b>GENERAL</b>          |  |                     |   |
| Temperature             | -20° C ~ +70° C  | Humidity            | 10% ~ 90%                                   |
| Power Supply            | DC 24 V Power Adapter  | Power Consumption   | 5 W   |
| Case Dimension          | 6 1/32" (153 mm) W x 1 47/64" (44 mm) H x 5 43/64" (144 mm) D                            | Product Weight      | 1.89 Lbs. (0.86 Kg)                         |

Note: All nominal levels are at ±10%



For Additional Information  
Go to [owi-inc.com/sidemenu/amplified-speakers](http://owi-inc.com/sidemenu/amplified-speakers)  
or scan code at right  
on your smart phone

