Monoprice™

Monoprice 8-Zone Home Audio Multizone Controller and Amplifier

Control Music and Power Speakers in Up to 8 Zones with Advanced Features and Expandability

Distribute and control music and audio content in up to 8 rooms with the 8-Zone Home Audio Multizone Controller and Amplifier.
This multizone controller features an 8x6 matrix with six stereo audio inputs and eight outputs. Each input channel can be independently directed to any output channel using the included remote control or the keypad controllers installed in each zone.

Key Features:
- **Six Stereo Inputs:** Four RCA line-level inputs, one dedicated 3.5mm TRS jack input, and one selectable input that can use either the 3.5mm TRS jack or a Toslink® digital optical input.
- **PA Trigger:** The primary source input (Source 1) can automatically override all other inputs and broadcast to every connected zone.
- **Dedicated Mute Input:** Automatically mute each zone using a single trigger.

Amplifier Specifications:
- **Output Channels:** Each channel delivers 50 watts/channel into a 4-ohm load or 25 watts/channel into an 8-ohm load. Amplifiers can be bridged to produce 100 watts into an 8-ohm load.
- **Euroblock Connectors:** Space-saving connectors for speaker level outputs, accepting speaker wire up to 12AWG and removable for easier installation.
- **RCA Line Level Outputs:** Allows the use of a separate, more powerful amplifier in any output zone or to send the audio signal to an additional device, such as a powered subwoofer.
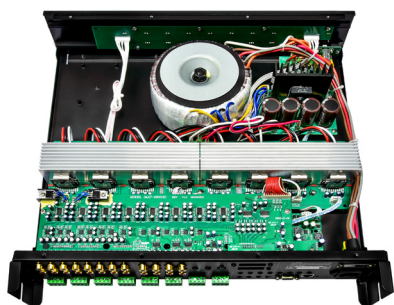
Zone Control:
- **Wallplate Keypads:** Independently control each zone using lighted, soft-touch buttons. Keypads connect to the main unit using Cat5e or Cat6 Ethernet cable.
- **Infrared "Eye":** Propagate single-band IR remote control signals to individual IR transmitters connected to the back of the amplifier, allowing control of source devices from each zone using their native remote controls.

Additional Features:

- **12 Volt Trigger Outputs:** For each distribution zone, plus a master trigger for the entire system, enabling automated devices like projection screens or lighting to activate when the system or an individual zone is activated.
- **RS 232 Serial Input:** Allows system control using a computer or home automation controller. A complete list of RS 232 commands and codes, including status reporting commands, is included in the manual.
- **Rack Mount Kit:** The package includes a 19" rack mount kit for easy installation.
- **Expandable System:** Connect up to three master controllers to provide additional channels, with audio source and control information passed between controllers using the included 18-pin ribbon cable.
- **Compatibility:** Can be connected with the 10761 Monoprice 6-Zone Home Audio Multizone Controller Amplifier and 44519 Monoprice 4-Zone Home Audio Multizone Controller Amplifier to create systems with enough zones for nearly any scenario.
- **Bluetooth and Wi-Fi Audio Inputs:** Easily add Bluetooth audio and Wi-Fi audio inputs with the 13358 Monoprice Multizone Source with Bluetooth Receiver and the 39262 Monoprice Multizone Source with Wi-Fi Receiver and Line Input. Both of these audio devices connect directly to the 13356 RJR-2 Multizone RJ45 to RCA Converter (required) which provides RCA connection to the inputs on the back of the multizone amplifier.
- **Voltage Compatibility:** Accepts both 115V and 230V line voltages, with a covered voltage selector switch to prevent accidental changes.

• High-efficiency Class-D amplification	• RS-232 port allows 2-way communication with the Home Automation System
• 2x 50W @ 4Ω (2x 25W @ 8Ω) / per Zone	• Built-in IR Emitters
• Stereo/Bridge mono output (100W @ 8 Ω)	• Packaged with 8 Keypads and 1 RJ-45 Controller
• RCA, 3.5mm Auxiliary, and TOSLINK® Inputs	• Euroblock Speaker Terminals
• Built-in IR receiver & IR remote controller for source select/volume/treble/bass	

CLASS D AMPLIFICATION

The amplifier features high-efficiency Class D amplification, providing four zones of amplification at 50W per zone at 4 ohms or 25W x 2 @ 8 ohms. The outputs can also be bridged mono for powering a single mono speaker at 100W.
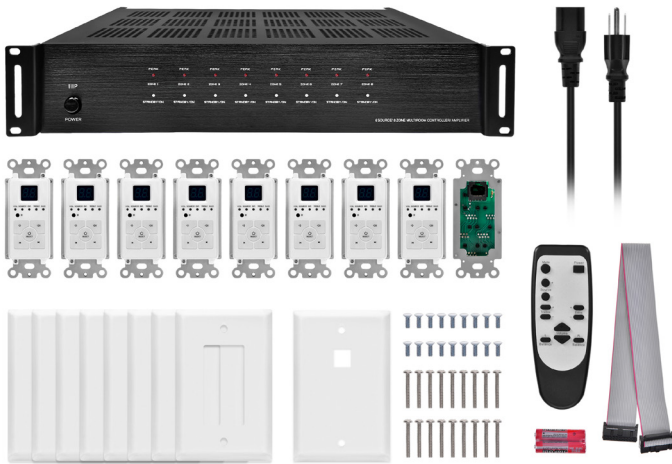
8 KEYPADS INCLUDED

Each zone is independently controlled at the zone using the included wallplate keypad with lighted, soft touch buttons. The keypads connect to the main unit using a Cat5e or Cat6 Ethernet cable. Each keypad features an infrared "eye", which can propagate single band IR remote control signals to individual IR transmitters connected to the master controller. This allows you to control the source devices from each zone using their native remote controls.

SIX STEREO INPUTS

Designed for A/V integrators and homeowners who want the most flexibility, the amplifier includes four stereo line-level RCA, one 3.5mm aux, and one optical/3.5mm combo analog source input. RS232 ports allow the transferring and receiving the serial data between home automation systems.

P/N	44518	10761	44519
Stereo RMS Power (8 ohms)	25 watts/stereo channel x8	25 watts/stereo channel x6	60 watts/stereo channel x4
Stereo RMS Power (4 ohms)	50 watts/stereo channel x8	50 watts/stereo channel x6	70 watts/stereo channel x4
Bridged (mono) RMS Power (8 ohms)	100 watts x8	100 watts x6	140 x4
Output Channels	8	6	4
Input Sources	6	6	6
Input Connections	3.5mm stereo, RCA, Toslink®, RS-232 (DB9)	3.5mm stereo, RCA, Toslink®, RS-232 (DB9)	3.5mm stereo, RCA, Toslink®, RS-232 (DB9), RJ-45 (Accessory Input, not an Ethernet port)
Output Connections	Euroblock terminal (up to 14ga), RCA Pre-out, 3.5mm mono, RJ-45 (keypad hub only)	Euroblock terminal (up to 14ga), RCA Pre-out, 3.5mm mono, RJ-45 (keypad hub only)	Euroblock terminal (up to 14ga), RCA Pre-out, 3.5mm mono, RJ-45 (keypad hub only)
S/N Ratio	>85dB A Weighted	>85dB A Weighted	>90dB A Weighted
THD	<0.1%	<0.1%	<0.1%
Frequency Response	20Hz ~ 20kHz	20Hz ~ 20kHz	20Hz ~ 20kHz
Input Impedance	>47k ohms	>47k ohms	>10k ohms
Amplifier Protection	Overload, Short Circuit, Thermal	Overload, Short Circuit, Thermal	Overload, Short Circuit, Thermal
Systems ON Trigger Voltage	+12 VDC	+12 VDC	+12 VDC
External Mute Trigger Voltage	+12 VDC	+12 VDC	+12 VDC
Infrared Frequency	38kHz	38kHz	38kHz
Power Supply (switchable)	110-120 VAC, 60Hz / 220-230 VAC, 50Hz	115 VAC, 60Hz / 230 VAC, 50Hz	110-120 VAC, 60Hz / 220-230 VAC, 50Hz
Maximum Power Consumption	705 watts	705 watts	520 watts
Maximum Standby Power Consumption	22 watts	22 watts	17 watts

PACKAGE CONTENTS

- 1x Multizone Home Audio Controller and Amplifier Kit
- 1x User Manual

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