

MZ RANGE OVERVIEW

The HH MZ Series, is a range of high performance commercial install amplifiers and a pre-amplifier offering industry leading performance and features. Offering class leading low noise performance, with ultra high power in a compact 1U enclosure. Remote control options using standard CAT5 cable allow easy installation and use.

Suitable for a wide variety of use cases such as Retail, Restaurants, Conferences, Bars, Houses of Worship and Fitness Centres, or indeed anywhere high quality multi zone amplification is required.

- Two or Four Zone Install Amplifiers
- Four Zone Pre-Amplifier
- Class leading performance
- Ultra reliable, High Performance PASCAL amp modules
- Euro block input and output connectors, dual mic inputs
- Independent Bass and Treble EQ adjustment on each zone
- Compact space saving 1U design (Rack Mountable)
- Universal ~100-240V worldwide operation
- Remote volume control capability



Model	MZ-140D	MZ-140Q	MZ-280Q	MZ-64P
System type	Zone Power Amplifier with Input Routing	Zone Power Amplifier with Input Routing	Zone Power Amplifier with Input Routing	Zone Pre-Amplifier with Input Routing
Specifications				
Input Channels	5	5	5	5
Output Channels	2	4	4	4
Power Per Output Channel	140W	140W	280W	N/A
Output Limiter	Yes	Yes	Yes	Yes (0dBu/+4dBu/Off)
Frequency response	20-20KHz ±0.1dBu (LoZ Mode) 80-20KHz ±0.1dBu (HiZ Mode)			20-20KHz ±0.1dBu
Configurable Routing	Yes	Yes	Yes	Yes
Priority Muting	Yes (Auto and Manual CH1/2)	Yes (Auto and Manual CH1/2)	Yes (Auto and Manual CH1/2)	Yes (Auto and Manual CH1/2)
Fire System Integration	Yes	Yes	Yes	Yes
THD+N	< 0.01%	< 0.01%	< 0.01%	< 0.008%
SNR (A-weighted)	>110dB	>110dB	>110dB	>110dB
Controls	All inputs feature front panel mounted input sensitivity gain controls with signal detect and peak level indicators. Each input contains gain level controls, each zone contains Source select, Bass, Treble and master volume controls. Rear panel includes front panel lock and zone amplifier mode options			
EQ	Bass 250Hz Shelving Control, ±12dB per zone. Treble 2kHz Shelving Control, ±12dB per zone			
AC Power	Universal AC 100-240V~ 50/60HZ	Universal AC 100-240V~ 50/60HZ	Universal AC 100-240V~ 50/60HZ	Universal AC 100-240V~ 50/60HZ
Power Consumption	17W Idle, 150W Typical, 200W Max, 0.4W Standby	27W Idle, 300W Typical, 450W Max, 0.4W Standby	30W Idle, 300W Typical, 650W Max, 0.2W Standby	Typical <8W, Maximum < 30W
Standby Modes	Auto standby mode, with override	Auto standby mode, with override	Auto standby mode, with override	N/A
Dimensions				
Unit dimensions (HWD)	44 x 483 x 417 mm, (1.7" x 19" x 16.4")	44 x 483 x 417 mm, (1.7" x 19" x 16.4")	44 x 483 x 417 mm, (1.7" x 19" x 16.4")	44 x 483 x 198 mm, (1.7" x 19" x 7.8")
Net Weight	3.9Kg, 8.6 lbs	4.5Kg, 9.9 lbs	4.9Kg, 10.8 lbs	2.3Kg, 5.1 lbs
Carton dimensions (HWD)	150 x 630 x 510 mm, (5.9" x 24.8" x 20.1")	150 x 630 x 510 mm, (5.9" x 24.8" x 20.1")	150 x 630 x 510 mm, (5.9" x 24.8" x 20.1")	150 x 630 x 290 mm, (5.9" x 24.8" x 11.4")
Gross Weight	6.6Kg, 14.6 lbs	7.1Kg, 15.7 lbs	7.6Kg, 16.8 lbs	3.8Kg, 8.4 lbs
Accessories	Rack Mounting Kit included. 4x 3.5mm 3 way, 2x 3.5mm 5 way, 1x 5.08mm 6 way Euro Plugs included			
	Optional MZ-C1, MZ-C2 wall controllers	Optional MZ-C1, MZ-C2 wall controllers	Optional MZ-C1, MZ-C2 wall controllers	Optional MZ-C1, MZ-C2 wall controllers
EAN13	5060109458237	5060109458343	5060109458244	5060109458251





MZ RANGE OVERVIEW

The MZ-C2 series are wall mounted volume and source selector panels for the MZ series zone distribution amplifiers. The MZ-C2 allows the installer to select which zones the volume control is assigned to, and has a handy quick illuminated mute option to avoid moving the volume control. A front mounted source selector control allows the user to select which input is routed to the active zone/s. Connected using standard Cat5 cable, installation is quick and easy. Standard UK/EU or US sized wall plates are available in a choice of elegant white, or satin black to match any decor.



Model	MZ-C2-EU-WH	MZ-C2-US-WH	MZ-C2-EU-BK	MZ-C2-US-BK
System type	Wall volume controller with source select	Wall volume controller with source select	Wall volume controller with source select	Wall volume controller with source select
Colour	White	White	Black	Black
Features				
Controls	Rotary volume control, Rotary source selector. Dual colour mute switch (Red for Muted, Green for active) 4W DIP switch to select Z1,Z2,Z3,Z4 control	Rotary volume control, Rotary source selector. Dual colour mute switch (Red for Muted, Green for active) 4W DIP switch to select Z1,Z2,Z3,Z4 control	Rotary volume control, Rotary source selector. Dual colour mute switch (Red for Muted, Green for active) 4W DIP switch to select Z1,Z2,Z3,Z4 control	Rotary volume control, Rotary source selector. Dual colour mute switch (Red for Muted, Green for active) 4W DIP switch to select Z1,Z2,Z3,Z4 control
Input Connectors	1x RJ45 LAN connector for direct connection to the master zone amplifier	1x RJ45 LAN connector for direct connection to the master zone amplifier	1x RJ45 LAN connector for direct connection to the master zone amplifier	1x RJ45 LAN connector for direct connection to the master zone amplifier
Output Connectors	1x RJ45 LAN connector for direct connection to the next wall controller in the chain	1x RJ45 LAN connector for direct connection to the next wall controller in the chain	1x RJ45 LAN connector for direct connection to the next wall controller in the chain	1x RJ45 LAN connector for direct connection to the next wall controller in the chain
Wiring	Standard CAT5e shielded cable, in a daisy chain configuration (Home run wiring not currently supported)	Standard CAT5e shielded cable, in a daisy chain configuration (Home run wiring not currently supported)	Standard CAT5e shielded cable, in a daisy chain configuration (Home run wiring not currently supported)	Standard CAT5e shielded cable, in a daisy chain configuration (Home run wiring not currently supported)
Dimensions				
Unit dimensions (HWD)	86 x 86 x 44 mm (3.4" x 3.4" x 1.7")	114 x 70 x 44 mm (4.5" x 2.8" x 1.7")	86 x 86 x 44 mm (3.4" x 3.4" x 1.7")	114 x 70 x 44 mm (4.5" x 2.8" x 1.7")
Net Weight	0.147Kg, 0.3 lbs	0.147Kg, 0.3 lbs	0.147Kg, 0.3 lbs	0.147Kg, 0.3 lbs
Carton dimensions (HWD)	135 x 115 x 75 mm (5.3" x 4.5" x 3")	135 x 115 x 75 mm (5.3" x 4.5" x 3")	135 x 115 x 75 mm (5.3" x 4.5" x 3")	135 x 115 x 75 mm (5.3" x 4.5" x 3")
Gross Weight	0.205Kg, 0.5 lbs	0.205Kg, 0.5 lbs	0.205Kg, 0.5 lbs	0.205Kg, 0.5 lbs
Accessories				
EAN13	5060109458275 single, 5060109458299 Master, 12pcs multipack)	5060109458268 single, 5060109458282 Master, 12pcs multipack)	5060109458404 single, 5060109458411 Master, 12pcs multipack)	5060109458428 single, 5060109458435 Master, 12pcs multipack)



APPLICATIONS



Restaurants

Restaurant's are not just about the food, ambience and sound are also part of the dining experience. With up to four zones, MZ Series are ideal for restaurants with multiple areas such as bars with higher sound pressure levels and cosy seating areas with lower level ambience.



Retail Stores

Retail stores often have background music which is matched to the profile of the store demographic resulting in a wide range of sound demand. With priority input ducking and paging system, announcements can be made with ease, and with fire system integration MZ covers all bases.



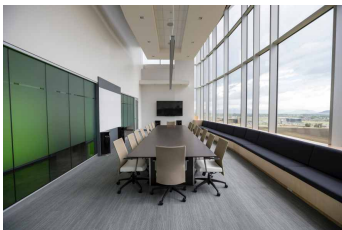
Hotels & Education Sites

Hotels and educational sites have their own special set of challenges with a complex mix of Large dining spaces, auditoriums, meeting rooms and theatres. Complete flexibility and masses of power are required. MZ is ideal for these demanding applications.



Fitness Centres

Fitness centres demand ultimate flexibility and excellent sound quality. Background tracks play in a gym & workout area, soothing sounds in the yoga studio and pumping high intensity music in the spin classes. MZ has it covered.



Corporate

Corporate spaces have a multitude of different requirements with board/conference rooms, meeting rooms, communal areas, warehouse and office spaces along with cafeterias or break rooms. MZ is an ideal choice to cover all these needs.



Bars, Cafes

High power in a compact enclosure with channel flexibility makes the MZ series ideal for Bars, cafes and Restaurants. As each zone can be configured to run Hi-Z or Lo-Z it is easy to mix and match 100V Ceiling speakers with traditional low impedance subwoofers to cover any room size.



Houses of Worship

Reliable, high-quality amplification is required for house of worship sites. The MZ is perfect due to the high quality of amplification delivering superb speech intelligibility.

