



The MH series incorporates the second generation of high-efficiency Class H circuits. This series includes two-channel amplifiers (MH-2) and four-channel amplifiers (MH-4), offering a wide power range and flexibility to match various speaker systems.

It features a 2.4-inch display that allows real-time monitoring

of the amplifier's status. The optimised design ensures a higher signal-to-noise ratio, meeting the requirements of high-standard projects.

Additionally, it includes multiple protection systems against distortion of less than 0.5%, short circuits, voltage extremes, overload, overheating, and DC, ensuring natural and reliable sound.

### Technical Data

	MH2- 1500	MH2- 3200	MH4- 4000	MH4- 5200
<b>Output Power</b>				
<b>@ 2 Ohms</b>	2 x 900 W	2 x 2200 W	4 x 1300 W	4 x 1600 W
<b>@ 4 Ohms</b>	2 x 750 W	2 x 1600 W	4 x 1000 W	4 x 1300 W
<b>@ 8 Ohms</b>	2 x 600 W	2 x 1000 W	4 x 800 W	4 x 1000 W
<b>Bridge @ 4 Ohms</b>	1 x 1800 W	1 x 4400 W	2 x 2600 W	2 x 3200 W
<b>Bridge @ 8 Ohms</b>	1 x 1500 W	1 x 3200 W	2 x 2000 W	2 x 2600 W
<b>Frequency Response</b>	20 Hz - 20 KHz			
<b>Bandwidth ± 0.25dB</b>	20 Hz - 20 KHz			
<b>Phase response</b>	±15 deg			
<b>1 W 20Hz-20KHz</b>	±15 deg			
<b>Total harmonic distortion</b>	<0.05%			
<b>20Hz-20KHz</b>	<0.05%			
<b>Damping factor</b>	>700			
<b>20-500 Hz @8Ω</b>	>700			
<b>Crosstalk 20Hz - 1KHz</b>	>75 dB			
<b>Sensitivity</b>	0.775V / 1.0V / 1.44V	0.775V / 1.0V / 1.44V	0.775V / 1.0V / 1.44V	0.775V / 1.0V / 1.44V
<b>Rated power</b>	0.775V / 1.0V / 1.44V	0.775V / 1.0V / 1.44V	0.775V / 1.0V / 1.44V	0.775V / 1.0V / 1.44V
<b>Signal to Noise Ratio</b>	>100dB			
<b>Operating Voltage (50-60Hz)</b>	230V AC 50Hz / 60Hz			
<b>Dimensions</b>	483 x 88 x 430/400		483 x 88 x 500/470	
<b>W x H x D (mm)</b>	483 x 88 x 430/400		483 x 88 x 500/470	
<b>Weight</b>	15,7 Kg	19,5 Kg	24,8 Kg	25,5 Kg
<b>Protections</b>	Soft-start, Mute transient on/off, Overheating, DC, RF, Short circuit, Power overload			

## MH amplifier characteristics:

- 2nd Generation Class H: High energy efficiency.
- Models: 2-channel and 4-channel amplifiers.
- Display: Real-time monitoring with a 2.4-inch screen.
- High Signal-to-Noise Ratio: Optimised for demanding projects.
- Advanced Protection: Against distortion (<0.5%), short circuits, overload, overheating, and DC.
- Operating Modes: Stereo, Bridge, and Parallel.
- Fuse: Short circuit protection.
- Circuit Breaker: Overload protection.

## Config. parameters:

- Input Sensitivity: Adjustable at three levels: 0.775V, 1.0V, and 1.44V.
- Protection: Includes a fuse for short circuits and a circuit breaker for overload protection.
- AC Input Connector: For 230V at 50Hz power input.
- Speakon Output Configuration
  - Channel A: +1 / -1 poles
  - Channel B: +2 / -2 poles
  - Bridge Mode: +1 / +2 poles for high-power output