

Tel.: +86 20 39388220
Fax: +86 20 31072811

Web: <http://www.rhaudiopa.com/>
Email: info@rh-audio.net

MP3 FM Bluetooth Digital Class-D Amplifier



These Bluetooth Mixing Amplifiers are designed as convenient solution for small to medium PA installations with USB/SD player,FM tuner and Bluetooth receiver in a compact housing.

[RH-AUDIO](#) RH1060M or RH11120M is a switching power amplifier also called digital Class-D amplifier enjoys outstanding feature of high efficiency that could be greater than 90% and low power dissipation (only a small heatsink used).

Inputs for microphone,line input,USB/SD player are governed by front panel volume controls,and the digital screen displays the working status of playing program,which can be controlled by the front panel buttons or the remote control.

And features two MIC inputs and one line input with 60/120 watts of amplifier power are available with either 70/100-volt or 4 to 16 ohms(Ω) output loads.

Also included a line level output for adding additional power amplifiers,and features complete protection is provided for output short circuit, overload, high temperature,peak current limiters.

The characteristics of [best cheap class d amplifier](#):

- ※ CE-RED & RoHS certified.
- ※ Digital class-D amplifier.
- ※ Built- in players of USB/ SD,FM tuner 87.5 MHz~108 MHz and Bluetooth receiver.
- ※ Compact metal housing with front panel of aluminium alloy.
- ※ SMT circuit boards with highly stable performance.
- ※ Pure copper transformers for power supply and 70V/ 100V audio outputs.
- ※ 2 microphone inputs and 1 line input.
- ※ High- definition display for the working status of playing program.
- ※ 70/100-volt and 4 to 16 ohms(Ω) output loads.
- ※ Individual volume controller for inputs.
- ※ BASS and TREBLE tone controllers.



Guangzhou Xinghongde Electronics Technology Co.,Ltd.

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※ Individual LED indicator for POWER/ SIGNAL/ PROTECTION.

The specifications of [cheap class d amplifier](#):

Model	RH1060M	RH1120M
Rated Power	60W	120W
Frequency Response	20 Hz 0dB -0.5dB 1dB	
Output Terminals	Low impedance:4-16 ohms (Ω)	
	Voltage line:70V(51 ohms), 100V(167 ohms)	Voltage line:70V (41ohms), 100V(83ohms)
MIC Input	MIC1/MIC2:600 ohms(Ω) 5-10mv,unbalanced	
LINE Input	LINE:10k ohms(Ω) 150-470mv,unbalanced	
LINE Output	0.775V (0 dB)	
Frequency Response	60 Hz ~ 15k Hz (\pm 3 dB)	
THD	<0.5% at 1kHz,1/3 rated power	
S/N	Line:85 dB , MIC:>72 dB	
Tone	BASS:100 Hz (\pm 10 dB) , TREBLE:12k Hz (\pm 10 dB)	
Cooling	DC 12V FAN	
Protection	AC FUSE x 1A	AC FUSE x 2A
	AC fuse,short circuit,overload,high temperature	
Power Cord	(3×0.5 mm)×1.5M (standard)	
Power Supply	AC 220V \pm 10% 50-60Hz (Optional)	
Power Consumption	84W	168W
Dimension	72(H)×305(W)×275(D) mm	
Packing Size	130(H)×345(W)×345(D) mm	
Net Weight	5.0Kg	5.5Kg
Gross Weight	5.7Kg	6.2Kg



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