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2.4G MP3 FM Bluetooth Digital Class-D Amplifier



The [RH AUDIO](#) Switching Power Digital Amplifiers are designed as convenient solution for small to medium PA installations with Wireless 2.4G receiver,USB/SD player,FM tuner and bluetooth in a compact housing.

This digital amp RH2060GF or RH2120GF is equipped with the presentation devices of 2.4G Transmitter,Neck Microphone and USB Drive for PPT, these elements are to support the speech person to use microphone,laser pointer,PPT flip to give an excellent presentation.

Inputs for microphone,line input and audio source are governed by front panel volume controls,and a 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 Features of [power switching amplifier](#)

- ※ CE-RED & RoHS certified.
- ※ Digital class-D amplifier.
- ※ Fitted with the presentation devices of 2.4G Transmitter,Neck Microphone and USB Drive for PPT.
- ※ 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.



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- ※ 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.
- ※ Individual LED indicator for POWER/ SIGNAL/ PROTECTION.

The Specification of [best class d power amplifier](#)

Model	RH2060GF	RH2120GF
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 (41 ohms), 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 \times 0.5 mm) \times 1.5M (standard)	
Power Supply	AC 220V \pm 10% 50-60Hz (Optional)	
Power Consumption	84W	168W
Dimension	72(H) \times 305(W) \times 275(D) mm	
Packing Size	130(H) \times 345(W) \times 345(D) mm	
Net Weight	5.0Kg	5.5Kg
Gross Weight	5.7Kg	6.2Kg



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