



# iSound PA20

Dual 20W Audio Amplifier



## Product Introduction

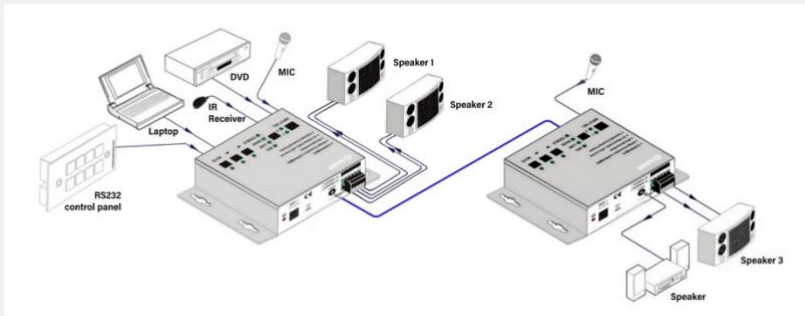
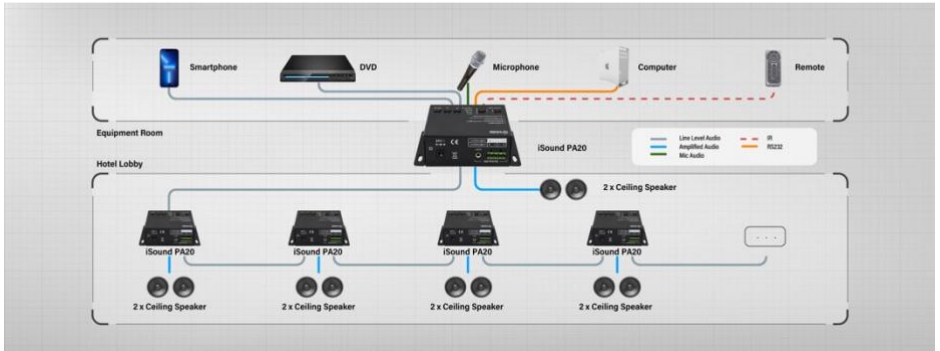
The Mini Digital Amplifier is a compact-size digital amplifier (Class-D) with 3 inputs (2 line in and 1 balanced MIC). It is integrated with powerful functions, including bridge connection, dual-mono, EQ control, microphone mixer etc.

It has a good application in different places, including classroom, small meeting room, lecture hall, bar, pub etc.

## Features

- 2x20Watt@4Ohm as the default amplifier output.
- Bridge connection function. User can switch the Mini Digital Amplifier to be 1x40Watt@8Ohm by bridge connection.
- Two stereo audio inputs, switchable by button, IR remote & RS232.
- Volume/Bass/Treble controllable by buttons IR remote & RS232.
- MIC port can support balance/unbalance signal, suppress the external noise effectively.
- Line audio output at 3.5mm jack, with volume controllable.
- Dual-mono function. User can sum up the stereo audio to two times mono audio.
- MIC mixer function. The microphone will be mixed to the line audio output, and be controlled separately.
- MIC input supports 48V phantom power, dynamic MIC and wireless MIC.
- Auto noise gate. It keeps detecting the audio and MIC input, will mute the output when there is no input.
- Ultra low inrush current, no need for power sequencing. This allows multiple Mini Digital Amplifier to be powered on simultaneously without overloading power circuits.
- Convection cooler, fan is not needed.
- Antistatic case design: providing good protection for long-term and stable performance.

### Connection



Model	iSound PA20
Name	Dual 20W Audio Amplifier
<b>Audio Input</b>	
Input	(2) Stereo Audios, (1) MIC
Input Connector	(2) RCA, (1) 3.5mm Jack,
	(1) Pluggable Terminal Block (3P, 3.81mm)
<b>Audio Output</b>	
Output	(1) Amplifier, (1) Stereo Audio
Output Connector	(1) 3.5mm Jack,
	(1) Pluggable Terminal Block (4P, 5.08mm)
<b>Audio Performance</b>	
Input Impedance	>10k $\Omega$
Output Impedance	50 $\Omega$ Analog Output; 4/8 $\Omega$ Speaker Output
Maximum Rated Power Output	2x20 watts (4 Ohms)
Frequency Response	20Hz ~ 20kHz
Common Mode Rejection Ratio (CMRR)	>70dB@20Hz~20kHz
Signal to Noise Ratio (SNR)	80dB (Max)
Total Harmonic Distortion + Noise (THD+N)	1% at 1kHz; 0.3% at 20kHz at Nominal Level
<b>General</b>	
Power Supply Input Voltage	100-240v AC at 50/60 Hz
Power Supply	24V DC at 2.71A
Maximum Power Consumption	45 watts
Operation Temperature	0 $^{\circ}$ C ~ +40 $^{\circ}$ C

Storage Temperature	-10°C ~ +60°C
Storage Humidity	10%-90%
Dimensions (W*H*D)	123mm x40mm x87mm
Net Weight	720g

Contact US

[www.infobitav.com](http://www.infobitav.com)

[info@infobitav.com](mailto:info@infobitav.com)