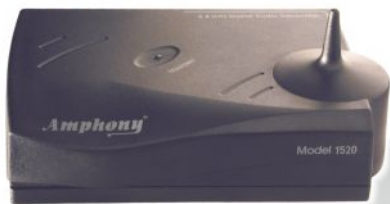




- Speakers wirelessly connected!
- Wireless uncompressed digital audio at better-than CD quality
- Fully immune from interference from 2.4 GHz devices
- Transmitter connects to line-level and amplified speaker audio outputs



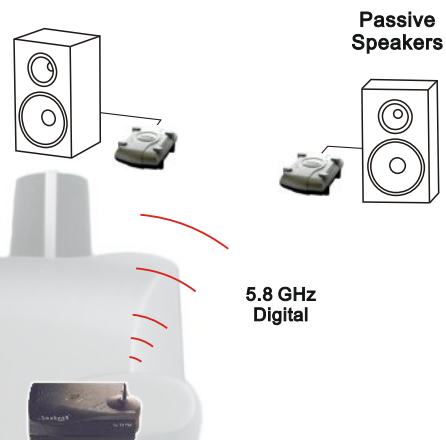
5.8 GHz Digital Wireless Transmitter / Receiver Model 1500

Run your active speakers wirelessly or stream music throughout your home with the Model 1500 Wireless Audio Transmitter.

The wireless transmitter sends a 5.8 GHz audio signal in a digital uncompressed format up to 200 feet away from the transmitter.

The audio is sent in better-than CD quality to any number of receivers in different rooms of your house. The wireless receiver measures 5 x 3.5 x 2 inches only and easily mounts to a speaker.

Application Model 1550:



5.8 GHz Digital Wireless Transmitter / Amplifier Model 1550

The Model 1550 includes two wireless mono amplifiers which provide 50-Watts peak output power each up to 200 feet away from the transmitter.

The transmitter connects to either line-level or amplified speaker audio outputs.

The Model 1550 is fully immune to interference from wireless devices working in the 2.4 GHz frequency band.

Each wireless amplifier measures only 5 x 3.5 x 2 inches and connects directly to any regular loudspeaker.

- Two wireless mono amplifiers with 50-Watts peak output power per channel
- No audio compression
- Only 0.05 % total harmonic distortion
- Amplifiers connect directly to loudspeakers



Actual size of wireless amplifier

Technical Specifications

Transmitters / Receivers / Amplifiers



Transmitter

Audio transmission:

Model 1500

Digital

Model 1520

Digital

Model 1550

Digital

Carrier frequency:

5.8 GHz

5.8 GHz

5.8 GHz

Signal-to-noise ratio:

typ. 100 dB

typ. 91 dB

typ. 91 dB

Dynamic range:

typ. 100 dB

typ. 91 dB

typ. 91 dB

Error correction:

1/2 rate FEC

1/2 rate FEC

1/2 rate FEC

Audio sampling:

128 x oversampling

128 x oversampling

128 x oversampling

Audio inputs:

Line-level, speaker

Line-level, speaker

Line-level, speaker

Data rate:

> 4 Mbps

> 3 Mbps

> 3 Mbps

Operating range:

max. 200 ft. line of sight, max. 50 ft. through walls

max. 100 ft. line of sight, max. 30 ft. through walls

max. 200 ft. line of sight, max. 50 ft. through walls

Receiver / Amplifier

Type:

Line-level receiver

Digital

Digital

Number per set:

1 x Stereo

1 x Stereo

2 x Mono

Peak output power:

1 V rms

2 x 20 W (15 W rms)

2 x 50 W (30 W rms)

Frequency response:

2 Hz ... 23 kHz

20 Hz ... 23 kHz

2 Hz ... 23 kHz

Harmonic distortion:

typ. 0.01 %

typ. 0.05 % @ 10 W

typ. 0.05 % @ 25 W

Overall audio latency:

typ. 1.2 ms

< 1 ms

< 1 ms

Power efficiency:

n/a

typ. 75 %

typ. 75 %

Channel separation:

typ. 102 dB

typ. 75 dB

typ. 94 dB

For more information, visit the Amphony web site at:
<http://www.amphony.com>

Your Amphony Dealer: