



iFinity)))[™]
wireless audio



Actual size of wireless amplifier



5.8 GHz Wireless Speaker Kit - Model 1600

Make your speakers wireless with the Model 1600 - eliminate long speaker cables to your rear speakers. One kit includes a wireless transmitter and two wireless mono amplifiers which each provide 80 Watts RMS output power up to 150 feet away from the transmitter.

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

The wireless transmitter connects to both line-level and amplified speaker-level audio outputs.

The Model 1600 is fully immune to interference from wireless devices working in the 2.4 GHz frequency band.

- Two wireless mono amplifiers with 80 Watts RMS output power per channel
- No audio compression
- Only 0.06 % total harmonic distortion
- Amplifiers connect directly to loudspeakers



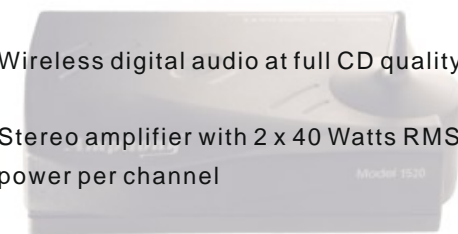
5.8 GHz Wireless Speaker Kit - Model 1540

Connect your speakers wirelessly with the Model 1540 wireless speaker kit.

The wireless amplifier receives a 5.8 GHz audio signal which is transmitted in a digital format up to 100 feet away from the transmitter.

To minimize heat and size, the wireless amplifier contains a stereo digital amplifier which provides very high power efficiency and ultra-low audio distortion.

- Speakers wirelessly connected !
- Wireless digital audio at full CD quality
- Stereo amplifier with 2 x 40 Watts RMS output power per channel
- Transmitter connects to line-level and amplified speaker audio outputs



Application Model 1540:



5.8 GHz Wireless Multi Channel Transmitter

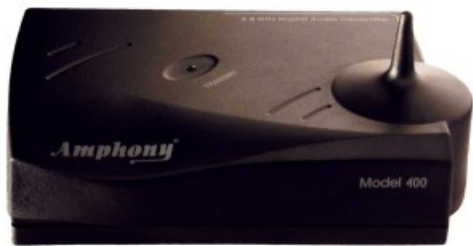
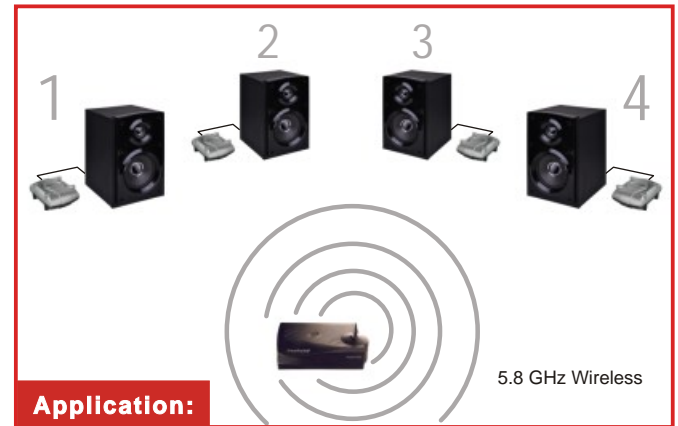
wireless
multi channel



Make four of your home-theater speakers wireless with Amphony's multi-channel audio transmitter.

Easily set up two rear and two side speakers without running long speaker wires or make your two rear speakers and subwoofer wireless.

The transmitter sends four wireless audio channels to any number of Model 400 and Model 480 wireless receivers. Purchase as many wireless receivers as you need.



The Model 400 transmitter sends four audio channels wirelessly to Model 400 and Model 480 receivers.

The transmitter connects to unamplified line-level audio outputs as well as amplified speaker-level outputs.

The audio is transmitted at 5.8 GHz in crystal-clear CD quality. Due to the low audio latency of less than 1 ms, all wireless speakers will be in perfect sync.

The Model 400 wireless receiver will receive two wireless audio channels from the transmitter.

It can connect to any active speakers, external amplifiers and subwoofers.

The Model 400 can be used in combination with the Model 480 wireless amplifiers, for example to make two rear speakers and a subwoofer wireless.



The Model 480 wireless amplifier receives any one of the four wireless audio channels. It incorporates an 80-Watt power amplifier and connects directly to any passive speaker.

Get two Model 480 wireless amplifiers to make your two rear speakers wireless or get four amplifiers to also make your 7.1 side speakers wireless.

The internal power amplifier features ultra-low distortion.

Technical Specifications

Wireless Speaker Kits



Transmitter	Model 1540	Model 1600
Audio transmission:	Digital	Digital
Carrier frequency:	5.8 GHz	5.8 GHz
Signal-to-noise ratio:	typ. 91 dB	typ. 91 dB
Error correction:	1/2 rate FEC	1/2 rate FEC
Audio sampling:	128 x oversampling	128 x oversampling
Audio inputs:	Line-level, speaker	Line-level, speaker
Data rate:	> 3 Mbps	> 3 Mbps
Operating range:	max. 100 ft. line of sight, max. 30 ft. through walls	max. 150 ft. line of sight, max. 50 ft. through walls
Amplifier(s)		
Type:	Class-D	Class-D
Number per set:	1 x Stereo	2 x Mono
Output power:	2 x 40 W rms	80 W rms
Frequency response:	20 Hz ... 20 kHz	2 Hz ... 20 kHz
Harmonic distortion:	typ. 0.04 %	typ. 0.06 %
Overall audio latency:	< 1 ms	< 1 ms
Power efficiency:	typ. 90 %	typ. 90 %
Channel separation:	typ. 75 dB	typ. 94 dB

Multi-Channel Products



Transmitter	Model 400	Receiver	Model 400	Model 480
Audio transmission:	Digital	Output type:	Unamplified	Digital Class-D
Carrier frequency:	5.8 GHz	Audio outputs:	1 x Stereo	1 x Mono
Signal-to-noise ratio:	typ. 96 dB	Output level/power:	1 V rms	80 W rms
Error correction:	1/2 rate FEC	Frequency response:	2 Hz ... 20 kHz	2 Hz ... 20 kHz
Audio sampling:	128 x oversampling	Harmonic distortion:	typ. 0.003%	typ. 0.06 %
Audio inputs:	Line-level, speaker	Overall audio latency:	< 1 ms	< 1 ms
Data rate:	6 Mbps	Power efficiency:	n/a	typ. 90 %
Operating range:	max. 150 ft. line of sight, max. 50 ft. through walls	Channel separation:	typ. 94 dB	typ. 94 dB

iFinity)))™ Multi-Room Wireless Music Products



wireless
DIGITAL

← 600 →
600' range

iFinity™ Multi-Room Audio Transmitter

The iFinity™ Multi-Room Audio Transmitter is the perfect solution to distribute your music wirelessly to every room of your house and outdoors without running long wires and breaking through walls.

Stream music from your iPod to your speakers, make your home theater wireless, enjoy your favorite CD collection throughout your home, send wireless music to speakers on your patio. Your imagination is the limit.

Unlike Bluetooth, music is sent wireless at full CD quality up to 600 feet away without audio compression to up to four wireless devices throughout your home.

The transmitter connects to line-level audio outputs, amplified speaker outputs and also has cradle to plug in your iPod or iPhone.

The iFinity™ Multi-Room Audio Transmitter can be paired with any iFinity™ wireless speakers and audio receivers throughout your house with the simple push of a button. Easily create multiple audio zones in your house by setting up multiple transmitters. Each wireless speaker and receiver can be paired with any transmitter.



Main Features

- ✓ Uncompressed wireless audio at full CD quality
- ✓ Compatible with iPod / iPhone
- ✓ Maximum range of 600 feet
- ✓ Transmit through walls and ceilings in your house
- ✓ Line-level and speaker level audio inputs
- ✓ Highly robust against radio interference

Technical Specifications

Audio transmission: Digital, uncompressed, adaptive FHSS
Operating range: max. 600' line of sight, 150' through walls
Max. number of wireless devices: 4
Frequency response: 2 Hz ... 20 kHz
Signal-to-noise ratio: 91 dB (A-weighted)
Total harmonic distortion: typ. -90 dB
Dimensions: 4.5" x 3.5" x 1.3"



Available in Black and White



Transmitter rear view



iFinity™ wireless audio

80
WATT

WIRELESS INDOOR / OUTDOOR SPEAKER



iFinity)))™ wireless audio



Go wireless

The iFinity™ wireless speakers let you enjoy your music and movie soundtrack in every room of your house and on your patio or swimming pool without a big cabling project.

Music is streamed wireless without audio compression from the iFinity™ transmitter to up to four wireless speakers per transmitter throughout your home.

Two efficient ultra-low-distortion power amplifiers inside the speaker (bi amplifier) drive the woofer and tweeter. The internal amplifiers provide 80 Watts of clean RMS power without breaking a sweat. Shake your ground with the speaker's deep bass response and enjoy crystal-clear highs.

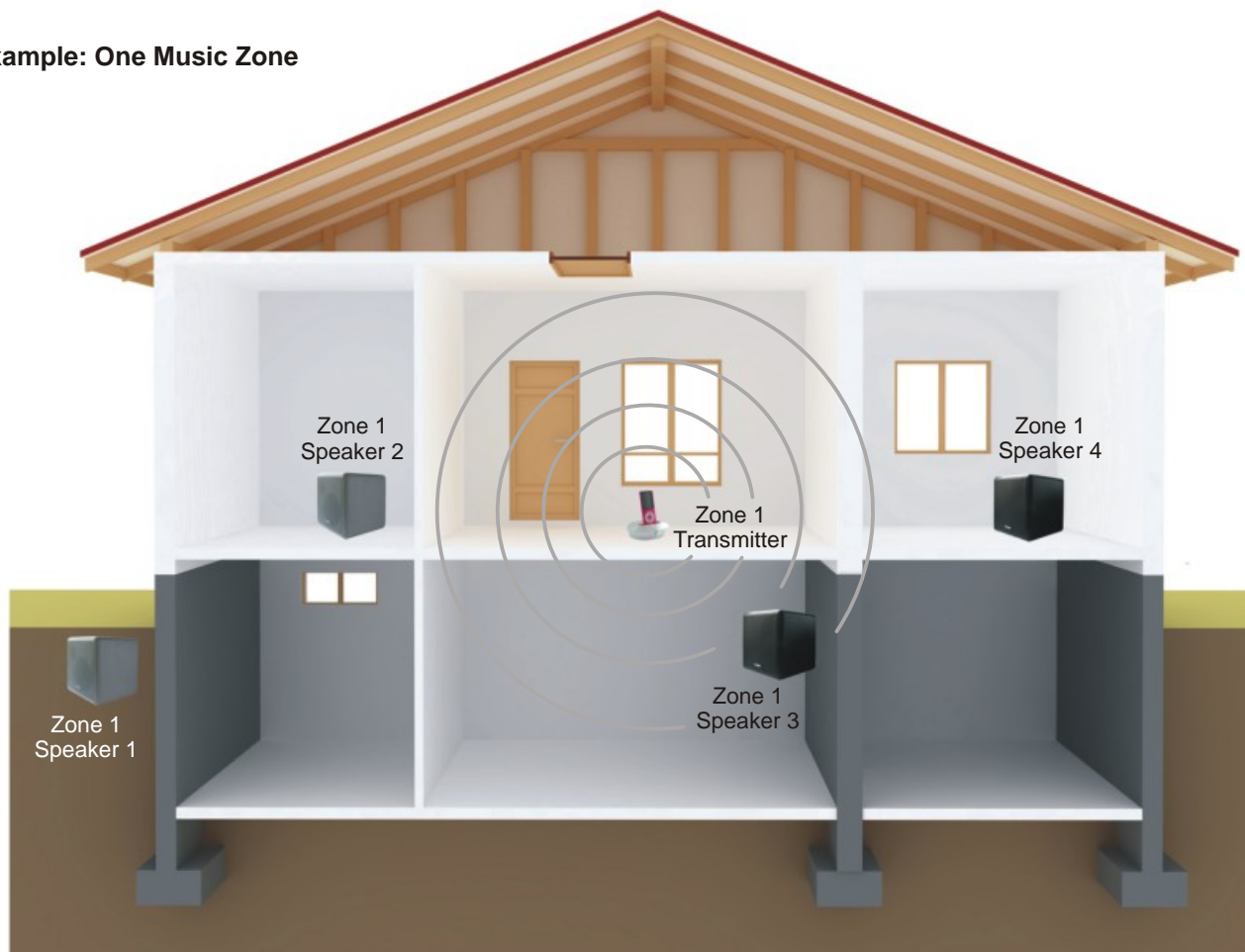
Buy just as many speakers as you need: for example get one speaker to set up on your patio, get two speakers to work as stereo speakers or get more speakers for your home theater.

Each wireless speaker is paired with a transmitter with the simple push of a button and is highly resistant to interference from other wireless devices.

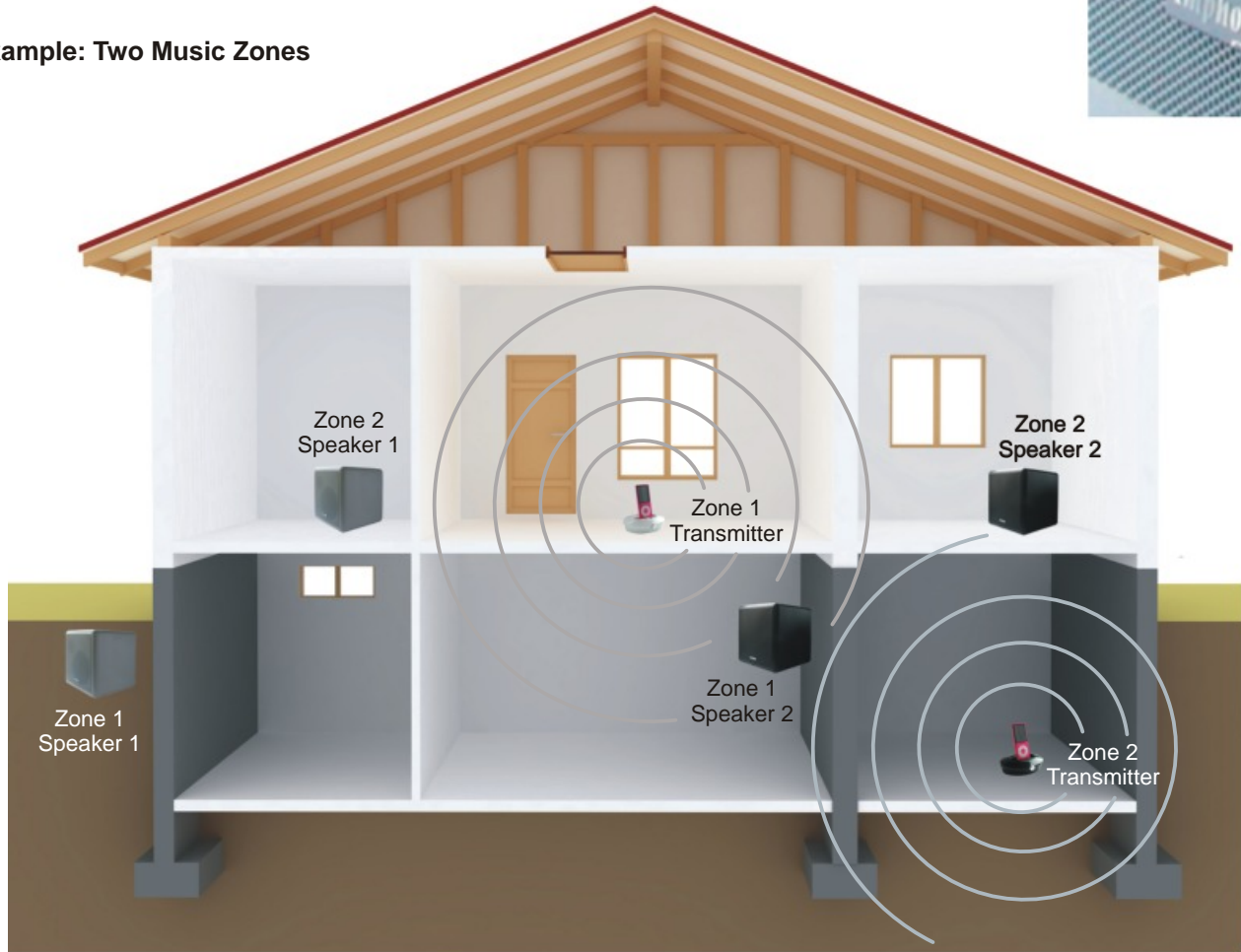
MAIN FEATURES

- ✓ Suitable for indoor and outdoor use
- ✓ 80 Watts rms power
- ✓ Maximum range of 600 feet
- ✓ Transmit through walls and ceilings to any room in your house
- ✓ Uncompressed wireless audio at full CD quality
- ✓ Use up to 4 wireless speakers per transmitter
- ✓ Speaker has two separate amplifiers for each driver (bi amp)
- ✓ Highly robust against radio interference
- ✓ Adjustable treble

Example: One Music Zone



Example: Two Music Zones



Speaker rear view



Available in Black and White



iFinity)))™ wireless audio



iFinity™ Multi-Room Audio Receiver

The iFinity™ Multi-Room Audio Receiver will receive music from the iFinity™ transmitter wirelessly in any room of your house up to 600 feet away from the transmitter.

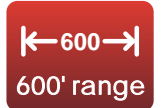


The receiver connects to active speakers, audio amplifiers and any other equipment which accepts line-level audio.

Up to four wireless receivers can be paired with one transmitter. If you use more than one transmitter to create multiple music zones in your house, you can pair the receiver with any music zone with the simple push of a button.

You can use iFinity™ wireless speakers and iFinity™ Multi-Room Audio Receivers in each music zone.

The music from each receiver and wireless speaker will be crystal-clear and in perfect sync.



Technical Specifications

iFinity Multi-Room Wireless Audio Products



Transmitter

Audio transmission:	Digital
Carrier frequency:	2.4 GHz
Audio Transmission:	adaptive FHSS
Signal-to-noise ratio:	typ. 91 dB
Harmonic distortion:	-90 dB
Frequency response:	2 Hz ... 20 kHz
Channel separation:	typ. 90 dB
Audio inputs:	Line-level, speaker, iPod cradle
Data rate:	5 Mbps
Operating range:	max. 600 ft. line of sight, max. 200 ft. through walls
Dimensions:	4.5" x 3.5" x 1.3"

Speaker

Construction:	Bass reflex
Drivers:	5" woofer, 1" tweeter
Power amplifier:	Bi amp (2 separate amps)
Amplifier type:	Class-D
Amplifier power:	80 W rms
Amplifier distortion:	0.06%
Frequency response:	60 Hz ... 18 kHz
Corssover:	Active
Power efficiency:	91 %
Power supply:	Wallwart
Dimensions:	8.5" x 8.5" x 8.5"
Weight:	4.8 lbs

Receiver

Output type:	Unamplified
Audio outputs:	1 x Stereo (RCA)
Output level:	1 V rms
Frequency response:	2 Hz ... 20 kHz
Harmonic distortion:	- 90 dB
Channel separation:	typ. 90 dB
Dimensions:	5" x 3.5" x 2"

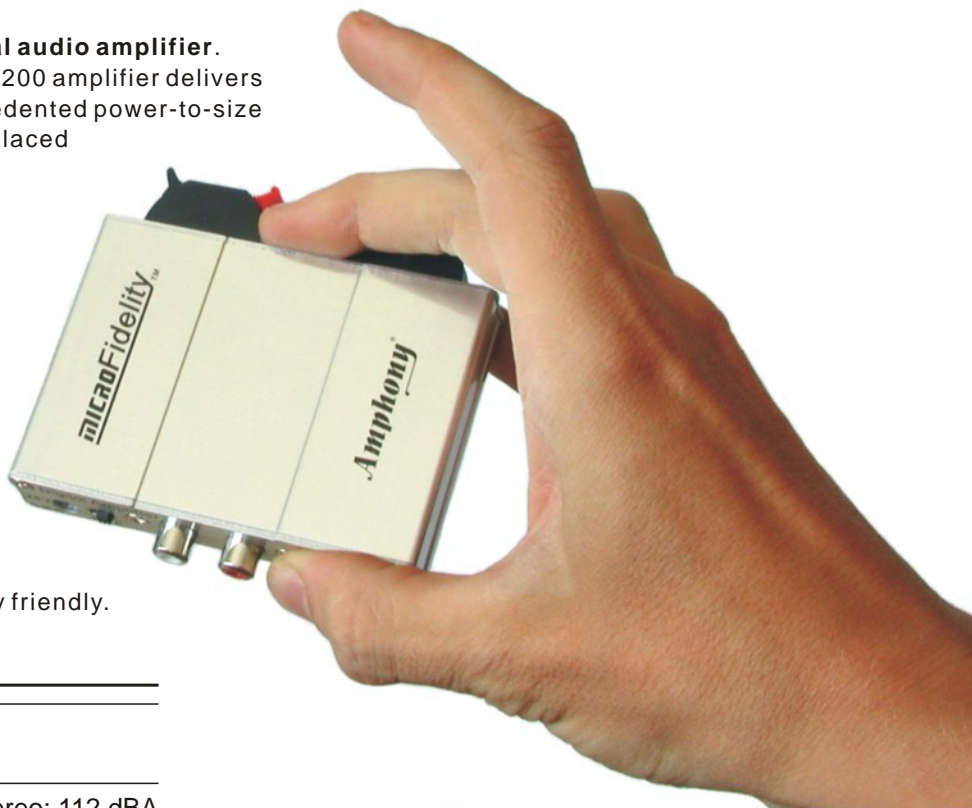
microFIDELITY™ Digital Stereo Audio Amplifier

The Model 200 amplifier is an **ultra-small digital audio amplifier**. Being only the size of a deck of cards, the Model 200 amplifier delivers 80 Watts of power and thereby offers an unprecedented power-to-size ratio. Due to its small size, the amplifier can be placed virtually anywhere.

The amplifier can be switched to drive either two speakers at a maximum power of 40 Watts per speaker or a single speaker as a monoblock amplifier at up to 80 Watts.

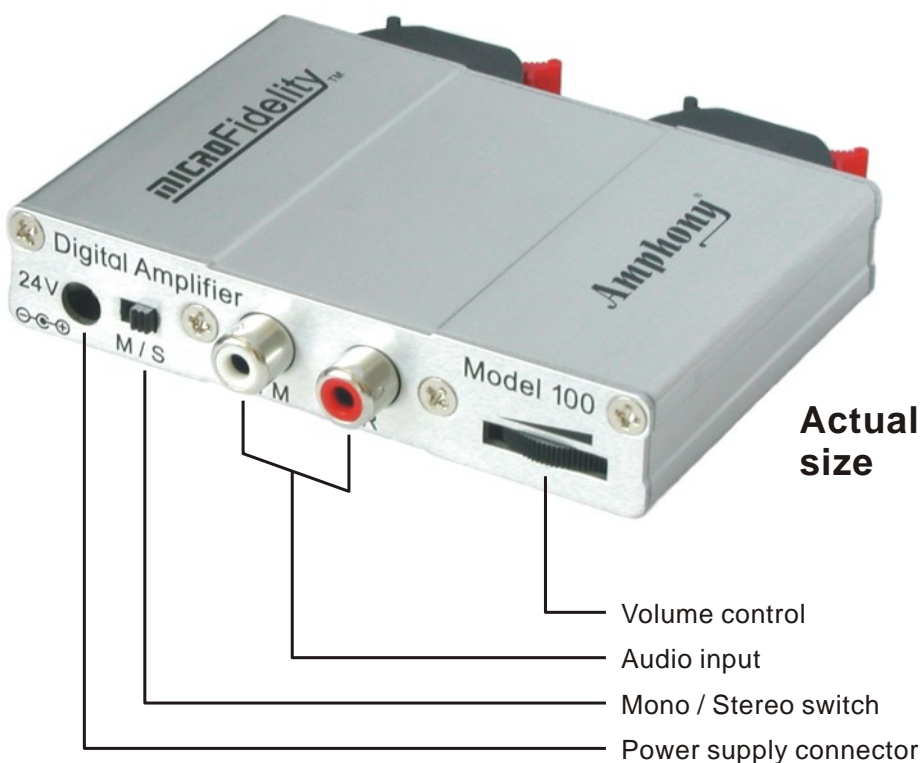
The amplifier achieves a 115 dB signal-to-noise ratio, a total harmonic distortion of only 0.06 % and a load-independent flat frequency response of 2 Hz to 20 kHz.

At a high power efficiency and an idle power consumption of less than 2 Watts, the amplifier does not need ventilation and is environmentally friendly.

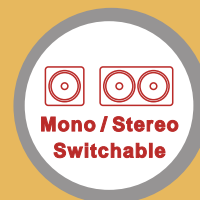


Specifications

Output power	Mono: 1 x 80 W rms Stereo: 2 x 40 W rms
Signal to Noise	Mono: 1 x 115 dBA, Stereo: 112 dBA
Frequency response	2 Hz - 20 kHz
Harmonic distortion	0.06 % @ 50 W, 1 kHz
Power efficiency	93 %
Idle power	< 2 W
Dimensions	3-9/16 " (W) x 3-7/16 " (D) x 3/4 " (H)



microFidelity™



BlueFIDELITY™ Wireless Bluetooth Amplifier



 Bluetooth®

Stream music from your cell phone, tablet or computer to your speakers with Amphony's wireless Bluetooth amplifier. The BlueFidelity wireless amplifier integrates an advanced Bluetooth audio receiver and a state-of-the-art stereo power amplifier into a tiny package no larger than a deck of cards. Simply turn any speakers into Bluetooth wireless speakers!

This Bluetooth wireless amplifier delivers 2 x 40 Watts of RMS power to a pair of speakers. The built-in state-of-the-art power amplifier delivers the energy efficiency of today's best digital class-D audio amplifiers while at the same time offering far lower audio distortion at only 0.04 %.

It's aluminium chassis itself provides enough cooling. No built-in fans or additional cooling are necessary. All you will hear is the music.

BlueFidelity™



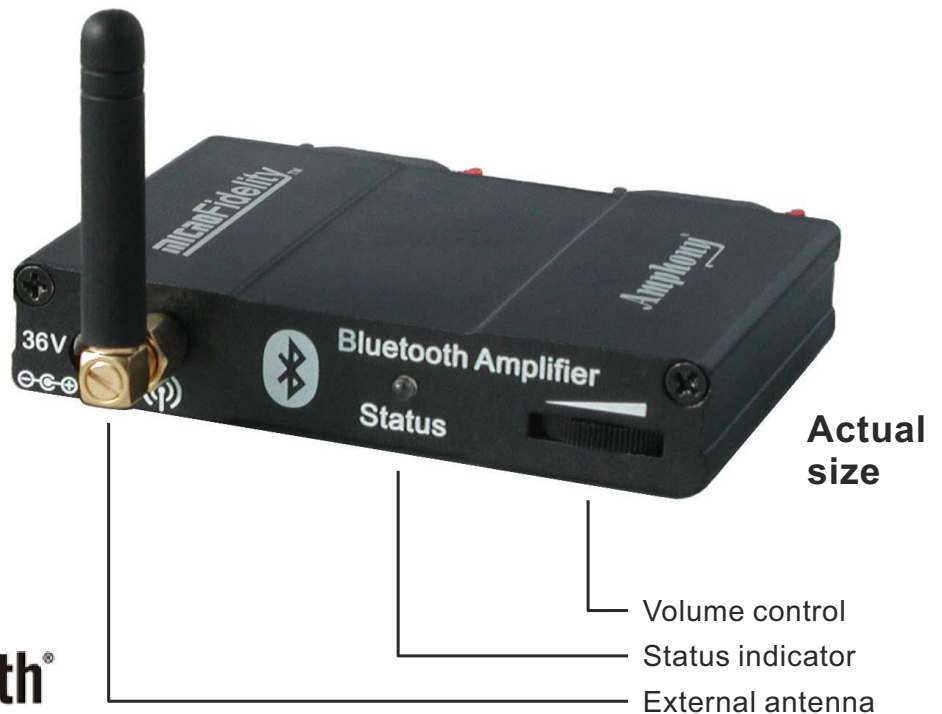
Specifications

Output power	2 x 40 W rms
Wireless range	max. 100' line of sight
Signal to Noise	93 dBA
Frequency response	20 Hz - 20 kHz
Harmonic distortion	0.04 %
Power efficiency	93 %
Standby power	< 2 W
Dimensions	3-9/16 " (W) x 3-7/16 " (D) x 3/4 " (H)

Music Playback



 Bluetooth®



Actual size

Volume control
Status indicator
External antenna

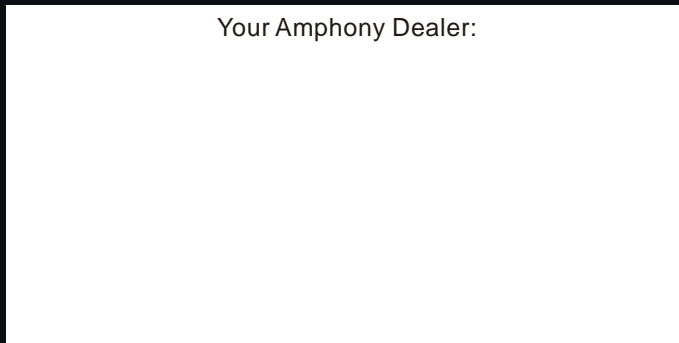
For more information, visit the Amphony web site at:
<http://www.amphony.com>



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