Product Information

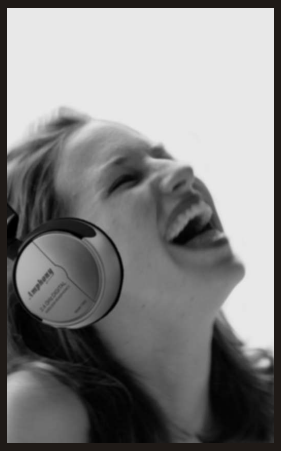
Amphony®

2.4 GHz DIGITAL Wireless Headphones

Model 1000

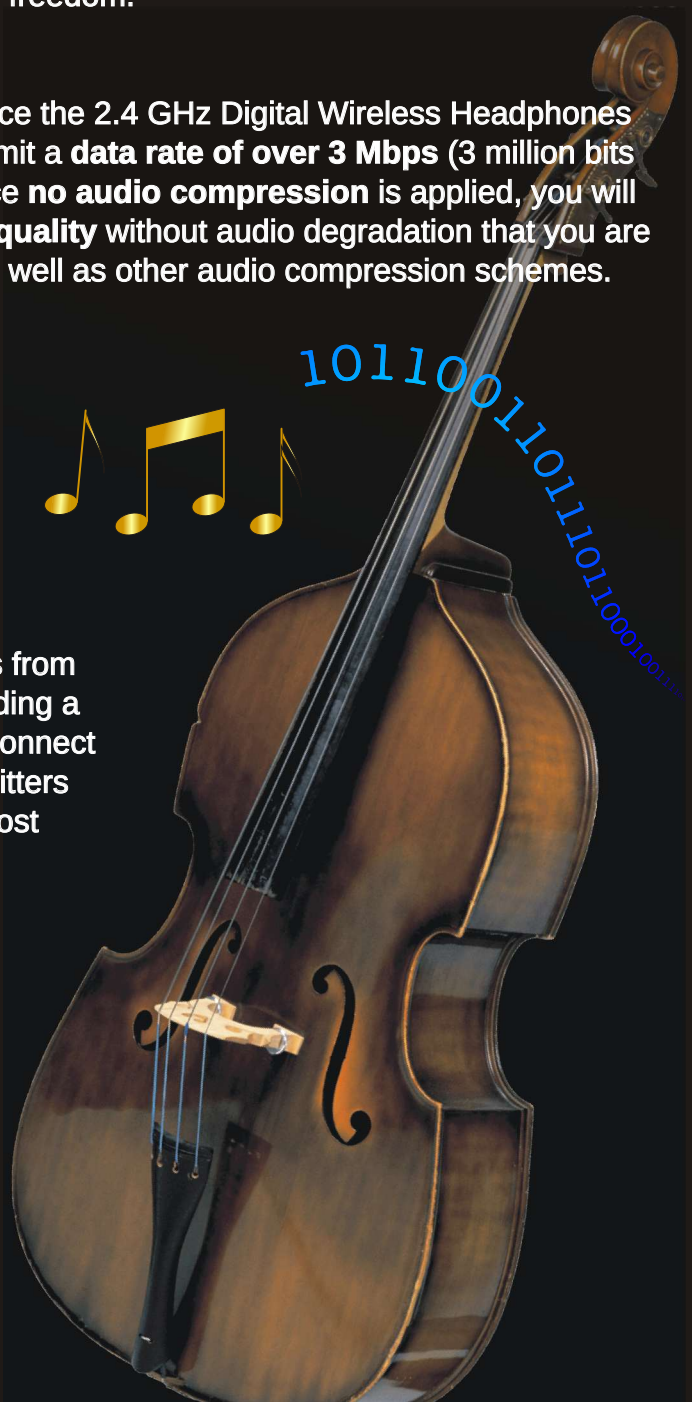
Welcome to the World of
Wireless Digital Audio

If you want pure listening pleasure in CD quality with the freedom of wireless headphones but without the noise, distortions and low dynamics of 900 MHz analog headphones, then take a look at the next generation of 2.4 GHz Digital Wireless Headphones from Amphony.



By transmitting the audio in a digital format, the 2.4 GHz Digital Wireless Headphones from Amphony allow you to listen to your favorite songs with the same audio quality that you are used to from your corded headphones, except that you can now move around with absolute freedom.

Most importantly, since the 2.4 GHz Digital Wireless Headphones from Amphony transmit a **data rate of over 3 Mbps** (3 million bits per second) and since **no audio compression** is applied, you will experience **true CD quality** without audio degradation that you are used to from MP3 as well as other audio compression schemes.



Further, an **error correction mechanism** is employed which is capable of correcting transmission errors to guarantee superior error-free reception even under difficult conditions.

The 2.4 GHz Digital Wireless Headphones from Amphony are ready for the future by providing a **high-speed data port** that allows you to connect peripherals such as RangeBooster transmitters which can extend the operating range almost indefinitely.

By having an ergonomic design which almost makes you forget that you are wearing headphones and with a continuous **operating time of up to 100 hours**, you are guaranteed to have a lasting and pleasant listening experience.

2.4 GHz DIGITAL Wireless Headphones, Model 1000

Technical specifications

Transmitter:

Audio transmission method: Digital (Audio is transmitted as PCM sample data)

Transmitter frequency: 2.4 GHz

Signal-to-Noise ration (A-weighted): typ. 93 dB

Dynamic range: typ. 93 dB

Channel separation: typ. 91 dB

Harmonic distortion: typ. -88 dB

Error correction: 1/2 rate FEC

Audio sampling method: 64 times oversampling

Transmitted data rate: > 3 Mbps

Data available at high-speed data port for RangeBooster transmitter modules

Max. transmitter output power: 1 mW

Transmitter operating range: max. 200 ft. line of sight, max. 50 ft. through walls and ceilings, transmitter range can be extended indefinitely with optional RangeBooster modules

Headphones:

Type: dynamic, closed

Operating time: max. 100 hours with two AA batteries

Frequency response: 20 Hz ... 24 kHz

Maximum sound pressure level (MSPL): 113 dB

Ergonomic design for maximum comfort

Main features

Digital audio transmission at full CD quality

Error correction

Up to 100 hours of continuous operation

No audio compression

Unlimited range with RangeBooster transmitters

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

Amphony®

Your Amphony dealer:

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