

5.8 GHz Digital Wireless Headphones - Model 500



Amphony's Model 500 Digital Wireless headphones combine crystal clear digital audio transmission at 5.8 GHz with precise sound reproduction.

The audio is transmitted to the headphones digitally at a data rate of over 3 Mbps without noise, sound degradation or audio compression whatsoever.

The ergonomic design and crisp sound response of the headphones ensure a pleasant listening experience.

- Digital audio transmission at full CD quality
- No audio compression
- Up to 100 hours of continuous use with regular AA batteries
- Immune to interference from 2.4 GHz devices
- Max. operating range of 100 feet
- Multiple headphones can operate simultaneously
- Ergonomic headphone for maximum comfort

Technology Comparison to Bluetooth:

	Amphony	Bluetooth
Transmit frequency	5.8 GHz	2.4 GHz
Transmitted audio data rate	> 3 Mbps	100 kbps ... 300 kbps
Audio compression	Uncompressed	Bluetooth Audio Profile
Maximum operating range	100 ft.	30 ft.
Battery life	100 hours	< 10 hours
Multiple headphones can operate from initial transmitter	✓	✗
Audio delay (latency)	< 1 ms	> 10 ms

