

Addendum to Manual Boss Audio Systems WP4| Ref. V-1.0

Bluetooth Interference: Operation and Safety

Bluetooth is a technology that has established itself over the years as the standard for wireless communication between different types of devices, using short-range radio frequencies.

Thanks to these waves, devices can communicate with one another provided they are within the signal's range.

It is advisable to switch Bluetooth off when not in use, as this will help prevent unauthorised access and unnecessary interference with other electronic devices such as: Wi-Fi routers (particularly at 2.4 GHz), microwave ovens, cordless phones and wireless speakers.

Based on current knowledge, the high-frequency radiation from Bluetooth devices is not expected to have any short-term health effects, but their long-term health effects have not yet been assessed.

Restrictions and Permissions

The device is not subject to any limitations on use and does not require authorization for use. Furthermore, the use of the device is not subject to any restrictions.

Bluetooth Specifications

Frequency range.....	2.402–2.480 GHz
Maximum continuous power.....	3.11 dBm (Power Class 2)
Number of channels	79
Channel spacing:	1 MHz
Modulation type.....	tt/4-DQPSK, 8-DPSK
Bluetooth version.....	v2.1+EDR
Antenna.....	Internal Antenna 1.0 dBi (Max)
Supported BT profiles	Headphones, Hands-free, A2DP and AVRCP