IWA-05BT/WS - Stereo Bluetooth Amplifier

Wireless sound wherever you need it: multi-room via Wi-Fi and Bluetooth
The extra compact flush-mount amplifiers IWA-50WIFI/WS and IWA-05BT/WS provide a reliable sound reproduction for both commercial and private applications at large or small venues. The elegant flush-mounted solutions require little space only, yet provide plenty of comfort. For wireless audio streaming, the amplifier modules can be linked to mobile devices such as smartphones or tablet PCs.
With the flush-mount amplifier IWA-50WIFI/WS, you are able to quickly set up a high-performance and user-friendly multi-room system which can be operated in any Wi-Fi network via Android, iOS or Windows. The flush-mounted box IWA-50U/SW allows for an unobtrusive integration of the amplifier module into the network. Thanks to its high flexibility, the compact audio system is the perfect multi-room solution, e.g. for hotels and businesses. Halls, corridors or even hotel rooms can be provided with unobtrusive background music via Wi-Fi connection, while showing a presentation in the conference room via Bluetooth.
For mounting the Bluetooth-enabled amplifier module IWA-05BT/WS, you can use a standard wall box (Ø 45 mm or more). You can connect the amplifier output to one or more passive speakers via screw terminals. The integrated 3.5 mm jack allows you to convert both flush-mount amplifiers into a music system for MP3 players or wired audio signals.
Flush-mounted module with Bluetooth audio receiver/amplifier

- Total amplifier output power: 5 W
- Selectable operating modes: stereo or mono
- Can be linked with any device featuring Bluetooth (A2DP/AVRCP)
- Bluetooth BT2.1+EDR, class 2, operating range: 10 m
- Additional audio input (3.5 mm jack)
- Speaker connection is made via screw terminals

- Flush mounting in standard wall boxes from Ø 45 mm
- Supplied with receiver unit, flush-mounted frame/cover frame, power supply

Operating instructions

Each module is identified with a serial number which allows the user to identify different modules operated simultaneously in the same installation.

The module features a button for selecting the Bluetooth mode (ON/OFF).

The module features a 3.5 mm jack for use as an external audio input. The audio output automatically switches to the jack's signal and has got priority over the Bluetooth signal.

Technical data:

Bluetooth	: 1
Fanless	: 1
Peak output power	: 5 W
Power rating	: 5 W
Power rating at 2 Ohm	: -
Power rating at 4 Ohm	: -
Power rating at 8 Ohm	: 2 x 2.5 W
Power rating at 16 Ohm	: -
Power rating at 100 V	: -
Power rating with 4 Ohm bridged operation	: -
Power rating with 8 Ohm bridged operation	: -
Output impedance	: -
Channels	: 2
Zones	: -
Inputs	: -
Attenuation factor	: -
Frequency range	: 45-20,000 Hz
Crossover network	: -
Crossover frequency	: -
Integrated limiter	: -
Equalizer bass	: -
Equalizer midrange	: -
Equalizer treble	: -
S/N ratio	: ? 58 dB
Crosstalk attenuation	: -
THD	: -
Phantom power	: -
Mains voltage	: -
Mains frequency	: -
Power consumption, operation	: 15 VA
Power consumption, standby	: â‰ˆ 0.6 W
Standby current	: â‰ˆ 30 mA
Operating voltage (possible alternative)	: -
Power supply (possible alternative)	: -
Admiss. ambient temp.	: 0-40 °C

Width	: 80 mm
Height	: 80 mm
Depth	: 41 mm
Rack units, RU	: -
Weight	: 74 g
Connections	: speaker terminal, audio (3.5 mm jack)
Packing dimensions (W x H x L)	: -
Gross weight	: 0.321 kg
Net weight	: 0.172 kg
Frequency range	: -
THD	: -
Channel separation	: -
S/N ratio	: -
Transmitting power	: -
WLAN	: -
Bluetooth	: BT2.1+EDR, class 2
Operating range	: 10 m
Profiles	: A2DP 1.2, AVRCP 1.4
Codecs	: -
Power supply	: via encl. power supply
Width	: 80 mm
Height	: 80 mm
Depth	: 41 mm
Weight	: 74 g
Connections	: speaker terminal, audio (3.5 mm jack)
Other features	: -