

Docking station

Order no. 2883 ..

Operation and installation instructions

1 Safety instructions

Electrical equipment must only be installed and assembled by qualified electricians. Always follow the relevant accident prevention regulations.

Failure to comply with these instructions may result in damage to the device, fire or other hazards.

Do not place any heavy objects on the device holder. The device could get damaged.

Disconnect before working on the device or load. Take into account all circuit breakers that supply dangerous voltages to the device.

These operating instructions are an integral component of the product, and must be retained by the end user.

2 Structure of the device

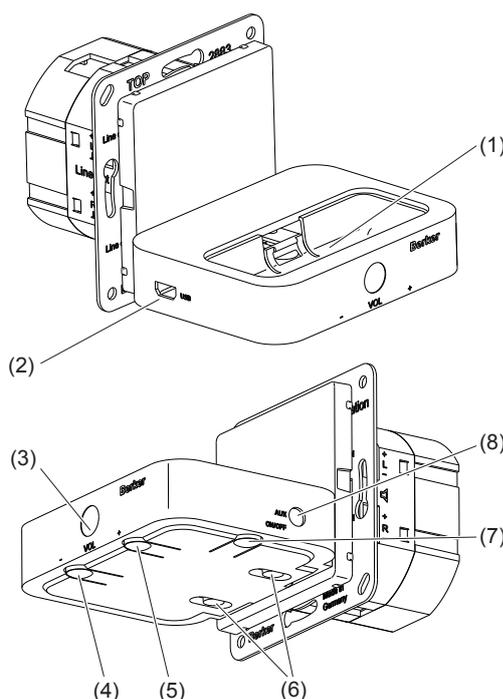


Figure 1: Docking station

- (1) 30pole plug connector for iPod/iPhone*
- (2) Mini USB charging socket
- (3) External "Line in" display

* iPod and iPhone are registered trademarks of Apple Computer Inc.

- (4) Decrease volume (**VOL –**)
- (5) Increase volume (**VOL +**)
- (6) The device holder fixing screws
- (7) Changeover switch of audio source (**ON/OFF**)
- (8) 3.5 mm stereo jack (**AUX**)

3 Function

The docking station is used for connecting a mobile player such as iPod/iPhone* or MP3-Player and enables the playback by the integrated stereo amplifier e.g. music by external playback devices or directly by connected loudspeakers.

- Separate **Line out** output to the connection of external audio devices, e.g. flush-mounted Radio
- Battery charging function by means of 30pole plug connector for iPod/iPhone*
- Battery charging function by means of mini USB socket for playback devices with the appropriate connection

Intended use

- Only suitable for use in indoor areas
- Flush-mounting in wall box according to DIN 49073

4 Operation

The docking station is permanently operational and does not have to be switched on.

Operating iPod/iPhone*

- Attach the device to the 30pol multipoint connector (figure 1, 1) of the device holder.
The playback can be started by the device.
- ⓘ As soon as the contact is established by means of the multipoint connector, the device battery is charged.

Operating mobile player by means of jack

- Insert 3.5 mm jack of the device into the socket **AUX** (figure 1, 8).
- Press changeover switch **ON/OFF** (figure 1, 7).
The-LED display (figure 1, 3) lights up. The playback can be started by means of the device.

Adjusting volume

- Press **VOL +** (figure 1, 5) button or **VOL –** (figure 1, 4) along the bottom of the device holder.

Charging mobile player by means of mini USB charging socket

- Insert USB charger cable of the device that is to be charged into the mini USB charging socket (figure 1, 2).
- ⓘ Only one device can be charged at a time. The charging function for iPod/iPhone* has priority over the mini USB interface.
The attached device will first be charged after an iPod/iPhone* in the docking station has been fully charged.

* iPod and iPhone are registered trademarks of Apple Computer Inc.

5 Information for electricians

5.1 Installation and electrical connections



DANGER!

Touching live parts can result in an electric shock.

An electric shock can lead to death.

Before working on the device or load, disconnect all associated circuit breakers.

Cover all live parts in the area!

Connections and control elements

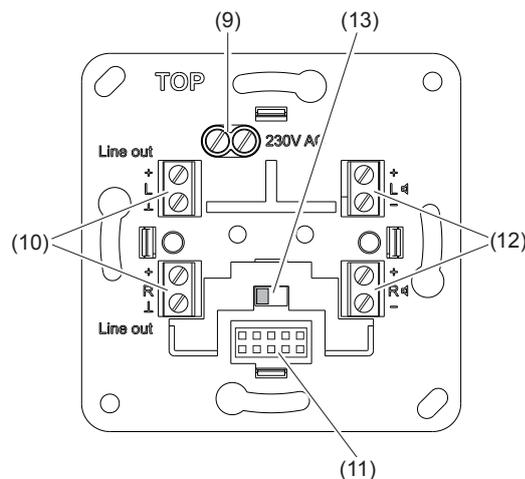


Figure 2: Connections

(9) Connection of operating voltage **230 V AC**

(10) **Line out** connections

(11) 10pol socket for device holder

(12) Connections of loudspeakers (**L, R**)

(13) Changeover switch **Stereo/Mono**

Connecting operating voltage

The power supply cable is protected by means of a circuit breaker (max. 16 A).

- Connecting operating voltage to terminals 230 V AC (figure 2, 9).

Connecting loudspeakers

When operating the docking station without any other audio devices, it is necessary to connect loudspeakers.



DANGER!

If the loudspeakers are connected to the operating voltage in a shared cable, the mains voltage can reach the loudspeaker cables. Touching the loudspeaker cable can cause an electric shock.

An electric shock can lead to death.

Connect the loudspeaker only with a separate cable and protect it with the silicon tubes provided.

- Cut the silicon tubes provided to the appropriate length and slip them over the loudspeaker cable.
- Attach the loudspeaker to the terminals \square (figure 2, 12).
- Set operating mode **Stereo** or **Mono** if necessary by means of changeover switch (figure 2, 13).
- ① If just one loudspeaker or single-channel audio device is connected, the mono mode is recommended. On the **Mono** switch position there is a mono sum signal at the outputs.

Connecting external audio device flush-mounted Radio

- Connect external device to the terminals **Line out** (figure 2, 10). Use shielded cables for interference-free audio transmission. Connect the shield to the terminal \perp according to the terminal labelling.

5.2 Assembly of the device

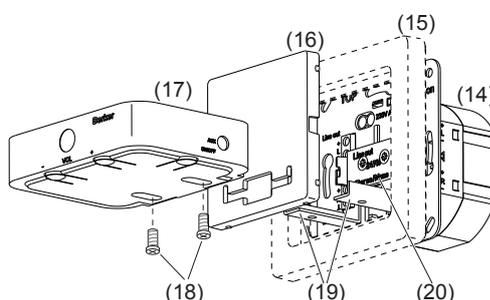


Figure 3: Installation

The insert is connected and the operating mode (**Stereo/Mono**) set.

- Put the insert (figure 3, 14) into the flush-mounted box correctly positioned and screw together with the screws provided.
- Attach frame (figure 3, 15) of the appropriate switch range and centre plate of the docking station (figure 3, 16). Snap centre plate onto the mounting piece (figure 3, 20).
- Attach the device holder (figure 3, 17) to the support bracket (figure 3, 19) of the insert and carefully insert the contact pins into the socket on the insert without bending the contact pins.
- Screw the device holder and the support brackets together through the screw holes at the bottom on the insert (figure 3, 19) using the screws provided M3 (figure 3, 18).

6 Appendix

6.1 Technical Data

Operating voltage	230 V AC, 50/60 Hz
Mini USB charging socket	
Rated voltage	5 V DC
Rated current	max. 0.8 A
Power consumption at rated output power	6 VA
Standby	0.5 VA
Output power	1.2 W
Speaker impedance	min. 4 Ω
Output voltage of Line out (depending on mobile device)	0.2 V AC

Docking station

Input impedance of Line in
Input voltage of Line in
Protection Class

15 k Ω
200 mV AC
II

6.2 Troubleshooting

Poor audio signal during operation in an external audio device

Cause: An insufficiently shielded cable was used for the connection.

Replace the connecting cable for the external audio device.

Cause: Shield of the cable is not connected correctly to the basic terminal of the Line out connection.

Check the connection of the shield and rectify if necessary.

6.3 Warranty

We reserve the right to make technical and formal changes to the product in the interest of technical progress.

Our products are under guarantee within the scope of the statutory provisions.

If you have a warranty claim, please contact the point of sale or ship the device postage free with a description of the fault to the appropriate regional representative.

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