

Wireless chime

English short-manual ZTB-83



Intended use

Pressing the provided wireless doorbell button triggers an audio signal at the wireless chime (32 different pre-programmed audio signals available).

The wireless bell push is powered by a 12 V battery (type 23A; included).

The wireless chime can be powered either by 3 batteries of type AA/Mignon or by a mains power cord (each available as accessory).

The wireless bell push is protected according to IP44 and can be used in protected outdoor areas (e.g. under eaves). The wireless chime may be used only in dry areas indoors.

Always observe the safety instructions included in these operating instructions. Read the operating manual carefully; keep it in a safe place or pass it on to others using the product.

Any use, other than the one described above, may damage the product. Moreover, this involves hazards such as e.g. short circuit, fire, electric shock, etc. The product may not be modified or rebuilt!

Safety Instructions

The warranty will be void in the event of damage caused by failure to observe these safety instructions! We do not assume any liability for any consequential damage!

Nor do we assume any liability for material and personal damage caused by improper use or non-compliance with the safety instructions! The warranty will be void in such cases!

- The unauthorised conversion and/or modification of the product is not permitted for safety and approval reasons (CE). Maintenance or repair works must always be carried out by qualified experts who are familiar with the hazards involved and with the relevant regulations.

- The product is not a toy and must be kept out of the reach of children. It contains small items and batteries.

- The wireless bell push is protected according to IP44 and can be used in protected outdoor areas (e.g. under eaves). The wireless chime may be used only in dry, enclosed areas indoors.

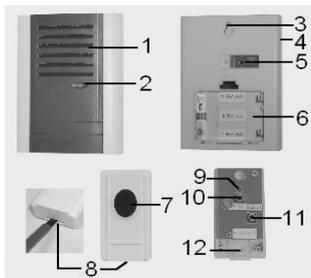
- Do not operate the device in environments where there are high levels of dust, flammable gases, vapours or solvents. There is a danger of fire and explosion!

- Do not carelessly leave the packaging material lying around since this may become a dangerous toy for children.

- Handle the product with care, it can be damaged by impacts, blows, or accidental drops, even from a low height.

Controls

- 1 Loudspeaker
- 2 Status LED
- 3 Opening for wall-mounting
- 4 Socket for connection of an external mains power cable (5 V/DC, 1 A, round plug with exterior Ø 5.5 mm, interior Ø 2.1 mm, inner contact is positive/+)
- 5 Button to register a wireless bell push
- 6 Battery compartment lid (battery compartment for 3*AA size batteries)
- 7 Bell push (with red function LED)
- 8 Indentation on the underside, for opening the housing
- 9 Red function LED
- 10 "PLAY" button (this is activated with the bell push (7))
- 11 "SELECT" button for selection of one of the 32 audio signals
- 12 Battery compartment for a 12 V battery of type 23A



Installation

The range between the wireless bell push and the wireless chime is dependent on the environmental conditions. As a rule, when operated in a single-family home, faultless operation should be possible. We recommend that you check the function of the product before a final installation. Make certain when drilling and tightening the screws that no cables or pipes are damaged.

a) Wireless bell push: The wireless bell push can be attached to a clean, smooth, dust-free surface with the provided tape on the back of the bell push. Alternatively, the bell push can be secured with suitable screws/dowels through two openings.

For this purpose, open the housing of the bell push (lever off the back of the housing with a flat screwdriver or your fingernail). Then secure the back of the housing with two screws and dowels if needed, to the desired surface. Be careful not to damage the circuit board when you do this!

Before you close the housing again, insert the 12 V battery and, if necessary, select one of the 32 audio signals.

b) Wireless chime: The wireless chime can be hung from a nail, hook or screw, using an opening on the back.

Inserting/replacing the batteries

a) Wireless bell push: Open the housing by levering off the housing cover from the back of the housing with a flat screwdriver. Insert a 12 V battery of type "23A" with correct polarity into the battery compartment (observe positive/+ and negative/-).

Replace the housing cover until it snaps on.

The batteries need to be replaced if the range of the wireless bell push is significantly reduced or the function LED no longer lights when the button is pushed.

b) Wireless chime: Open the battery compartment on the back of the wireless chime. Insert three type AA/Mignon batteries with the correct polarity (observe +/Plus and -/Minus).

Close the battery compartment again. The batteries need to be changed if the audio signal is barely audible or cannot be heard at all anymore.

Using a power cord for the wireless chime.

The wireless chime can also be operated with an external power cord instead of batteries (not included, available as accessory).

The power cord must be able to supply an output voltage of 5 V/DC and a current of at least 1 A. The round plug must have an external Ø of 5.5 mm and an internal Ø of 2.1 mm; the middle contact must be positive/+, the outer contact negative/-.

If you want to use a power cord, remove the batteries from the battery compartment.

Training the wireless bell push at the wireless chime

The wireless bell push comes already trained at the wireless chime. Therefore, a new training procedure is not normally required. Should the wireless chime not respond to the wireless bell push (despite correctly-inserted new batteries), proceed as follows:

- Open the small cover on the back of the wireless chime by removing the single screw from the cover.
- Press and hold the button that lies under it.
- Wait at least 5 seconds, and then briefly press the operating button on the wireless bell push. If the housing of the bell push is open, briefly press the button labelled "PLAY". The wireless chime should now play a doorbell tone. Release the button on the wireless chime - the training process is complete.
- Close the small cover on the wireless chime again with the screw removed at the beginning.

Select chime tone

- Open the housing by levering off the housing cover from the back of the housing with a flat screwdriver.
- You can check which chime tone is already selected by pressing the "PLAY" button.
- Change the chime tone by pressing the "SELECT" button (hold it depressed if needed). Repeat this until the desired chime tone is played back.
- Close the casing again.

Operation

Press the button on the wireless bell push (about 1 second). In this process, the red function LED in the button lights to indicate the correct function to you.

When the wireless signal is correctly received, the wireless chime plays the selected chime tone through its speaker; the status LED on the wireless chime lights while the chime tone is played.

Transmission range

The transmission range for the radio signals between the components is up to 80m under optimum conditions.

This value, however, is the so-called "open space range" (the range when the transmitter and receiver are visible to each other, without disturbing influences).

In practice, however, there may be walls, room ceilings etc. between the transmitter and the receiver which reduce the range accordingly. Due to the different influences on the wireless transmission, no specific range can be guaranteed.

However, trouble-free operation is usually possible in a single family house.

The range can sometimes be limited considerably by:

- Walls, reinforced concrete ceilings
- Coated/metallised insulated glass
- Proximity to metal & conducting objects (e.g., radiators)
- Proximity to human bodies
- Broadband interference, e.g. in residential areas (DECT telephones, mobile phones, radio-controlled headphones, radio-controlled speakers, radio-controlled weather stations, baby monitors etc.)
- Proximity to electric motors, transformers, power-supply units, computers
- Proximity to badly shielded or uncovered computers in use or other electrical appliances

Disposal

a) General instructions

Please dispose of the device when it is no longer of use, according to the current statutory requirements.

b) Batteries and Rechargeable Batteries

As the end user, you are required by law (Battery Ordinance) to return all used batteries/rechargeable batteries; disposal of them in the household waste is prohibited! Contaminated batteries/rechargeable batteries are labelled with these symbols to indicate that disposal in the domestic waste is forbidden. The designations for the heavy metals involved are: Cd = Cadmium, Hg = Mercury, Pb = Lead. You can return used batteries/rechargeable batteries and button cells free of charge to any authorized disposal station in your area or to any other store where batteries/storage batteries/button cells are sold. You thereby fulfill your statutory obligations and contribute to the protection of the environment.

Technical Data

a) Wireless bell push

Power supply 1 Type "23A" 12 V battery

Transmission frequency..... 433.92 MHz

Transmission range up to 80m (open space)

LED Lights up briefly on the use of the buttons

Protection type IP44

Dimensions (LxWxH) approx. 79 x 39 x 22 mm

Weight approx. 28 g

b) Wireless chime

Power supply 3 batteries of type AA/Mignon
(or through mains power cable 5 V/DC, min. 1 A)

LED Lights upon radio reception
(pressing the wireless bell push)

Dimensions (H x W x D) approx. 119 x 78 x 27 mm

Weight approx. 93 g

produced by DIW-GmbH, Balanstr. 89b, D-81539 München. Fax +49 89471417
Internet: www.diw-punkt.de * WEEE-Reg.-Nr.: DE47592106