

Installation and Operating Instructions

CALIMA 200 Series Wireless Chime Kit

Kit consisting of a wireless chime with LED ring and wireless bell button



GROTHE
URMET|GROUP

Guarantee / Package contents / Materials required

Dear Customer,

With this device you have acquired a quality product which we have developed and produced for you with the greatest possible care and to the highest standards. The statutory guarantee period applies. Defects caused by improper handling, misuse or disregard of the installation and operating instructions are excluded from this guarantee.

Package contents (please check the package contents for completeness)

- 1 CALIMA 200 wireless chime
- 1 wireless bell button
- 2 wall plugs and 2 Phillips screws for mounting the wireless bell button
- 1 Allen key for opening the cover of the wireless bell button

You also need (not included in the package)

- 4 x 1.5 V (AA type) batteries for the wireless chime
- 2 x 1.5 V (AAA type) batteries for the wireless bell button
- Tools / aids such as drill bits, screwdriver, coin

Alternative fixing option (not included)

- Velcro tape or double-sided adhesive tape instead of mounting with screws

Safety instructions / Cleaning

Do not expose the **wireless chime** to dripping or splashing liquid! Do not place any vessels filled with liquid on it! Do not cover it with objects or blankets, curtains, etc. and protect it from direct sunlight and naked flames!

Do not expose the batteries in the **wireless bell button** to excessive heat (e.g. sunlight, fire or similar)!

Intended use

The devices described here are solely intended as a radio-controlled bell and signalling system for private use. The function can be impaired by different influences (flat batteries, radio interference, etc.). Never use this wireless chime kit in safety-related areas!

If failure of the device could cause a hazard for people, or other consequential damage is possible, you **MUST** prevent this through suitable additional safety measures!

Cleaning

Please clean using only a slightly damp cloth, not a microfibre cloth, as this could scratch the surface.

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CALIMA 200 – the highlights explained briefly

The wireless chime kit is made up of a wireless chime and a wireless bell button.

The wireless chime can be installed in any place in the house or, for example, on the patio – wherever it is needed. It fits harmoniously into your furnishings and is nonetheless an eye-catcher. A large number of varied melodies are clearly distinguished from ambient noises; in addition, the flashing coloured LED ring assists perception in an ideal way. Thanks to the large range, CALIMA always announces your visitors or suppliers reliably, even in the garden.

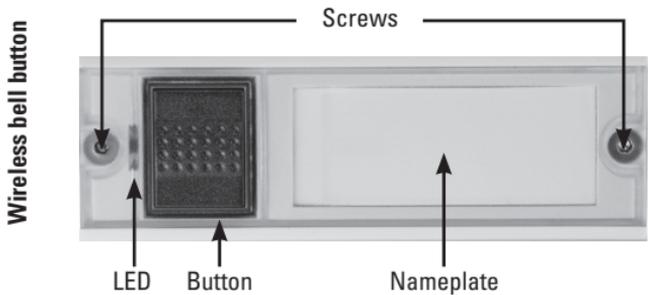
Ready for use immediately: The wireless bell button is coupled with the wireless chime in the factory, so that you can use the wireless chime kit immediately. You can change settings such as the required melody, colour of the LED ring and volume later.

Networking and individual settings: Several wireless bell buttons and wireless chimes can be combined with each other and a different melody and colour of the LED ring can be set for each wireless bell button. So that you know immediately at which door your visitor is.

Optional alarm function: You can use the wireless chime in combination with a wireless bell button of the type MISTRAL SE03.1 (not included in the kit) as an alarm generator. With this wireless bell button, a quickly usable, flexible and above all, mobile in-house help call system is created. In this way, for example, a person in need of help can easily draw attention to themselves. To do this, the wireless bell button must only be pressed for around 3 seconds.

Extendable system: The wireless chime kit can be extended to include an additional wireless bell button and wireless chime. You can couple a wireless bell button with any number of wireless chimes¹ and up to 11 wireless bell buttons can be coupled with one wireless chime. Interference caused by other transmitters is prevented, as each wireless bell button sends its own individual code.

CALIMA 200 wireless chime kit product overview



First-time use / starting up – wireless chime

Before using for the first time, you only have to insert the batteries into the wireless chime and wireless bell button and mount the wireless bell button. Simply install the wireless chime in the required place.

The **batteries** required are **not included**.

Wireless chime:

4 x 1.5 V (AA type) batteries

Wireless bell button:

2 x 1.5 V (AAA type) batteries



Open the battery compartment by using a coin to unscrew the cover anti-clockwise.



Re-insert the battery holder into the chime with the **springs into front**.

First-time use / starting up – wireless chime



Remove the battery holder from the chime.



Insert 4 x 1.5 V (AA type) batteries into the battery holder. Note the polarity.

Please note:

- The contact springs on the battery holder must always be positioned where “+” and “-” are visible at the edge of the bottom of the housing.
- The two small metal clips inside the housing must touch the contact springs of the battery holder. Otherwise the batteries do not have any contact.

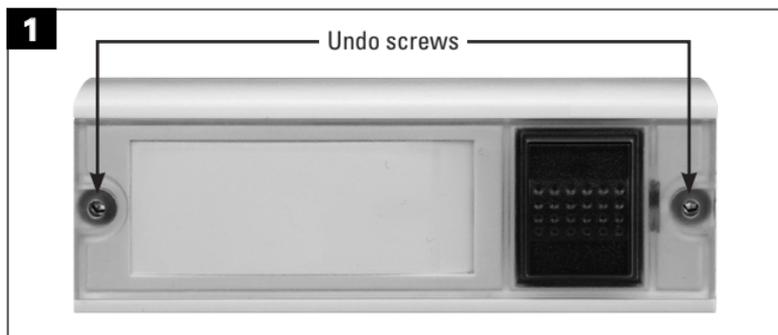


Close the battery compartment by using a coin to screw the cover clockwise.

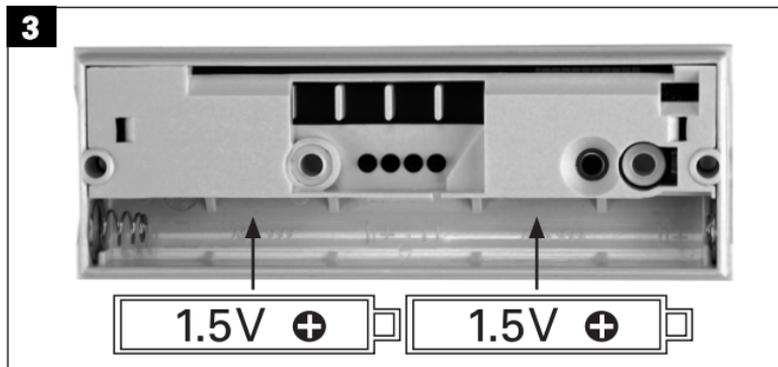
First-time use / starting up – wireless bell button

Wireless bell button:

Mount, insert batteries, write on nameplate



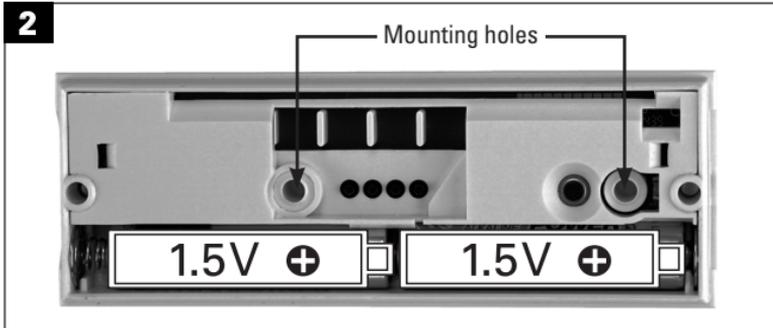
Use the Allen key to undo the screws in the cover of the wireless bell button, and then remove the top half.



Insert 2 x 1.5 V (AAA type) batteries into the bottom part of the wireless bell button. Note the polarity (see markings).

First-time use / starting up – wireless bell button

Note: Where possible, do not mount the wireless bell button on metal parts, as this reduces the range significantly.



Use the screws supplied to fix the bottom part of the wireless bell button through the mounting holes and onto the wall.



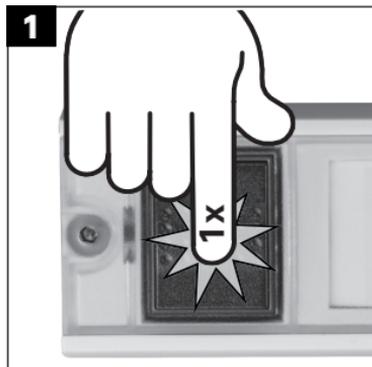
To label, pull the nameplate out at the side and then push it back in again. Use the hexagon socket screws to screw the top part of the wireless bell button firmly onto the bottom part.

Individual settings – melody

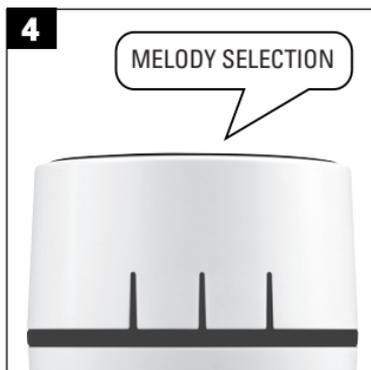
The wireless chime is set and operated by 2 buttons:

- Selection button (left)
- Menu button (right)

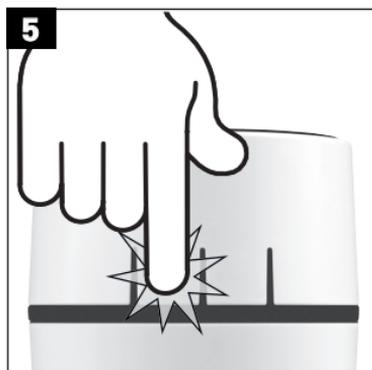
The voice output of the wireless chime signals the respective status of the settings.



Press the wireless bell button, that corresponds to the melody that you want to set.

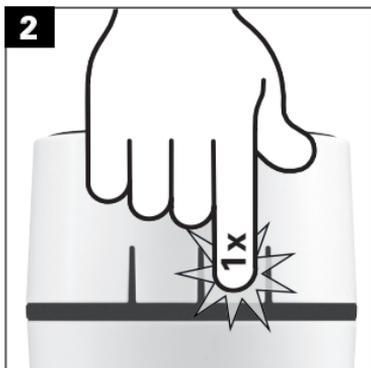


You will hear “Melody selection”.

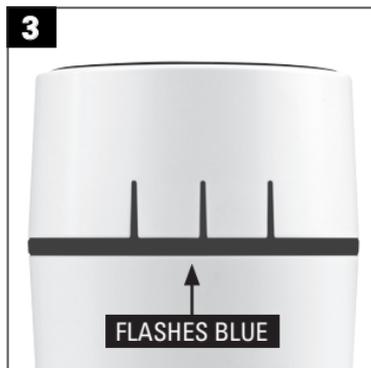


Press the **Select button** until the required melody is played.

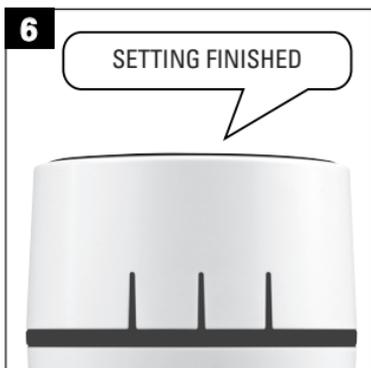
Individual settings – melody



Then, press the **Menu button** on the wireless chime in its normal state once.



The LED ring **flashes blue** as confirmation.



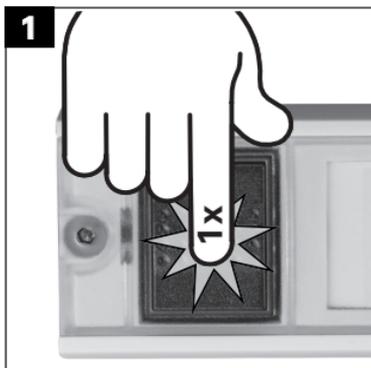
You will hear "Setting finished" as confirmation.

From now on, you hear the last played melody when the wireless bell button is pressed.

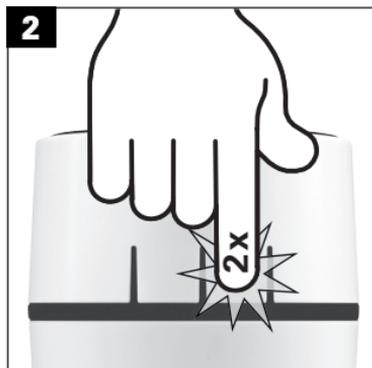
Note: The wireless chime automatically returns to the normal state, if no button has been pressed for 7 seconds.

Repeat this process to set the melody for other wireless bell buttons.

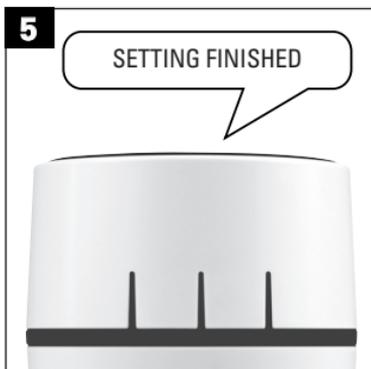
Individual settings – colour of the LED ring



Press the wireless bell button to set the colour of the LED ring on the wireless chime.



Then, press the Menu button in the normal state **twice**.

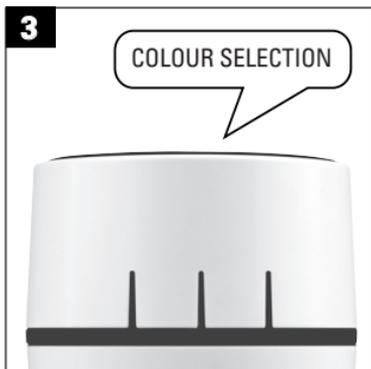


7 seconds after the last button was pressed you will hear "Setting finished".

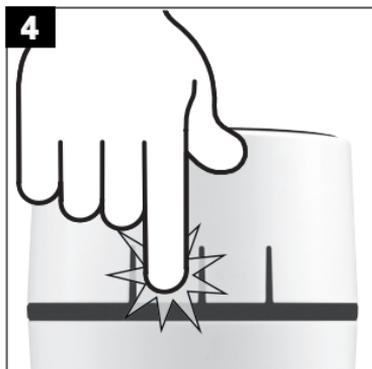
From now on, the LED ring lights up in the set colour when the wireless bell button is pressed.

The wireless chime automatically returns to the normal state if no button has been pressed for 7 seconds.

Individual settings – colour of the LED ring



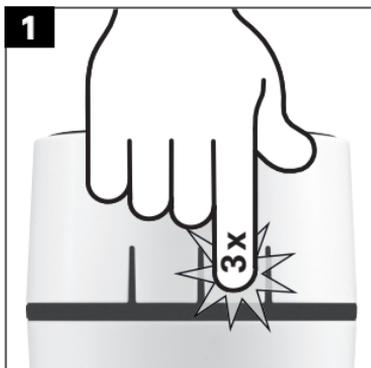
You will hear “Colour selection”. The LED ring lights up with the currently set colour.



Now, press the **Select button** until the LED ring lights up in the required colour. Your selection **is saved automatically** if no button is pressed for **7 seconds**.

Good to know: You can set the colour with which the LED ring lights up when a specific wireless bell button is pressed. If you use several wireless bell buttons, this enables you to differentiate at which door the bell was rung.

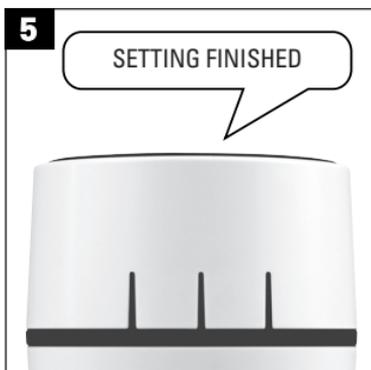
Individual settings – volume



Press the **Menu button 3 times** in the normal state.



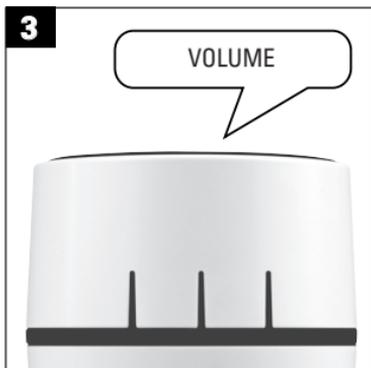
The LED ring flashes **green** as confirmation.



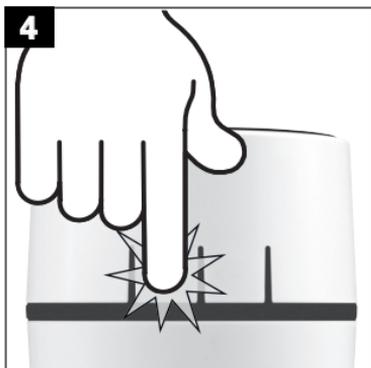
7 seconds after the last button was pressed you will hear "Setting finished". From now on, the wireless chime signals with the last selected volume.

The wireless chime automatically returns to the normal state, if no button has been pressed for 7 seconds.

Individual settings – volume



You will hear “Volume”.



Press the **Select button** until the melody is played with the required volume. Your selection is saved **automatically** if no button is pressed for **7 seconds**.

Note: The volume of the wireless chime can always only be set the same for **all** wireless bell buttons used.

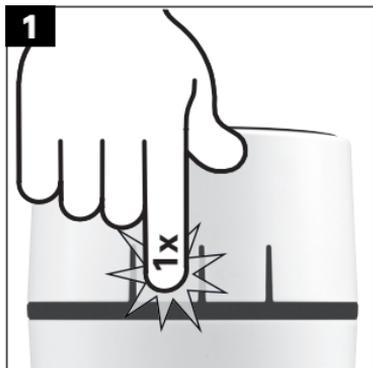
Mute / slumber function

If you do not want to be disturbed, you can mute the wireless chime so that neither a melody is played, nor does the LED ring flash. **The wireless chime signals neither visually nor acoustically.**

To do this, two options are available for you to choose from:

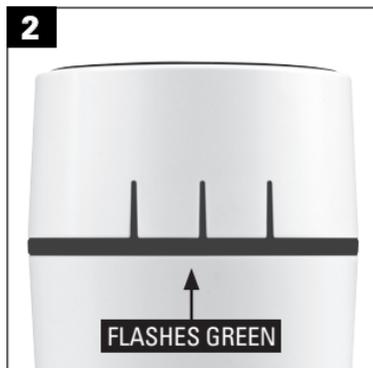
- The function can either be activated **for a previously defined period (slumber function)**
- or for an **unlimited time (mute).**

Both functions, i.e. mute and slumber mode, are **indicated visually**. The LED ring **flashes green** until the wireless chime is back in active mode, and therefore serves as a reminder to end muting.

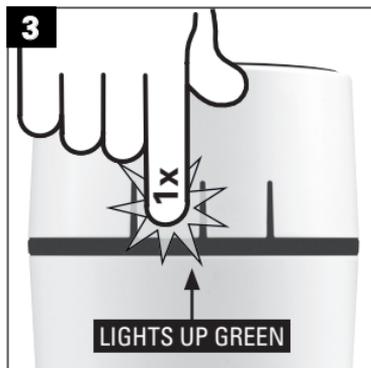


Press the **Select button** in the normal state **once**.

Switching mute on/off (for an undefined period)



If mute is active, the LED ring **flashes green** at regular intervals.

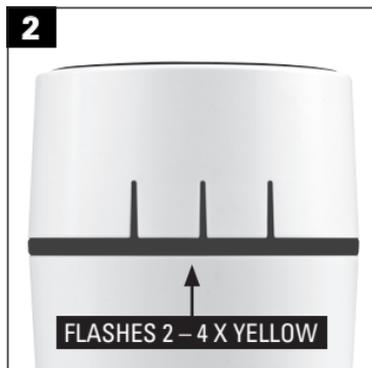


Press the **Select button** to end mute. As confirmation, the LED ring **lights up green** while you press the button.

Start / prematurely end slumber function for 1, 3, 9 hours



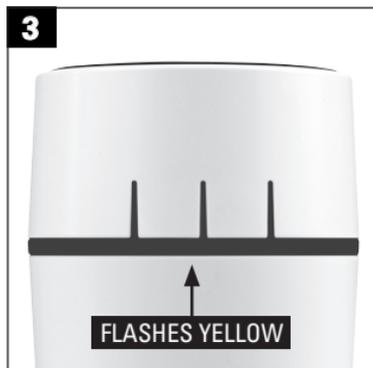
Press the **Select button 2, 3 or 4 times** at one second intervals in the normal state to activate the slumber function for **1, 3 or 9 hours**.



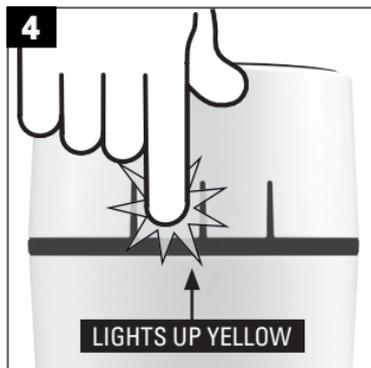
As confirmation, the LED ring then **flashes yellow 2 to 4 times**, depending on how often you pressed the Select button (see table).

- You can use the **slumber function** to mute the wireless chime **for a period limited from the start**, i.e. the wireless chime switches back to active mode automatically.
- You can also **end the slumber function at any time** before the set period has expired.
- On the other hand, if you have set **mute for an unlimited period**, you must **end it actively**.

Start / prematurely end slumber function for 1, 3, 9 hours



While the slumber function is active, the LED ring **flashes yellow** at regular intervals.

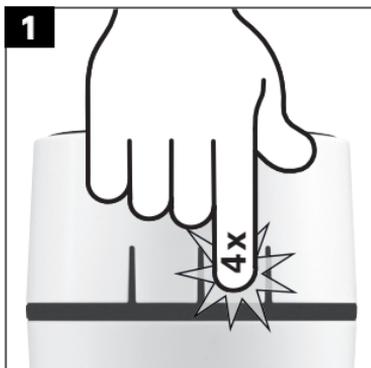


Press the **Select button** to end the slumber function prematurely. As confirmation, the LED ring **lights up yellow** while you press the button.

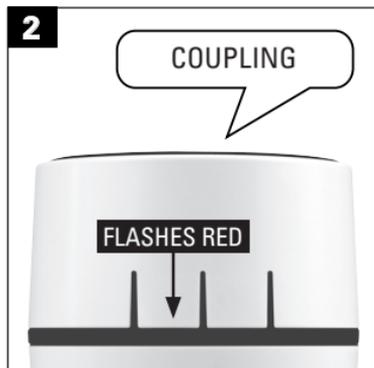
The slumber function at a glance

Press button	Mute	Flashing of the LED ring
2 times	for 1 hour	2 times yellow
3 times	for 3 hours	3 times yellow
4 times	for 9 hours	4 times yellow

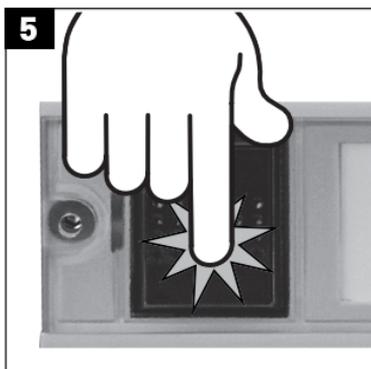
Coupling the wireless chime and wireless bell button



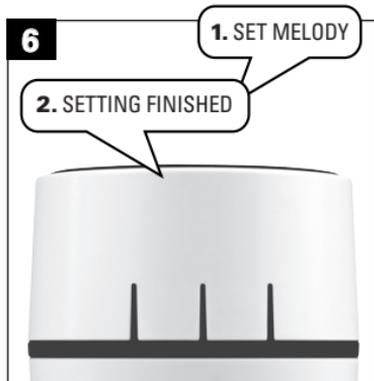
Press the **Menu button** in the normal state **4 times**.



The LED ring **flashes red** as confirmation. You will hear "Coupling".

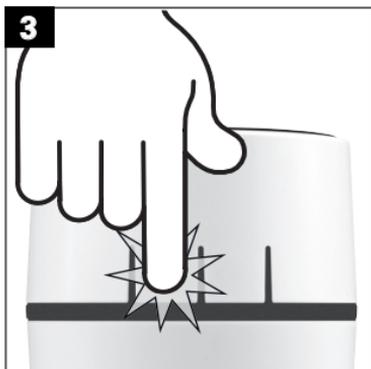


Press the wireless bell button **within 30 seconds**.

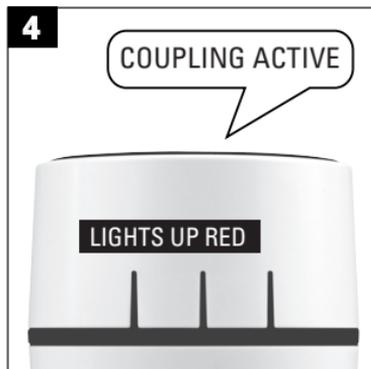


You will hear the set melody and "Setting finished". The wireless bell button is now coupled with the chime.

Coupling the wireless chime and wireless bell button



Press the **Select button** within **7 seconds**.



As confirmation, the LED ring **lights up red** and you will hear "Coupling active".

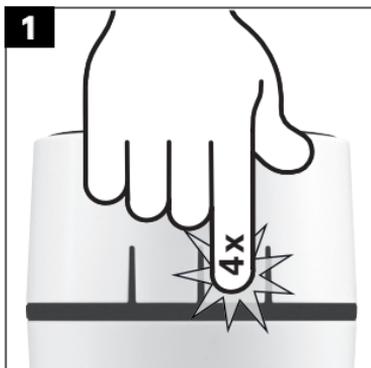
At the end of the process the wireless chime returns to the normal state. Repeat the process to couple additional wireless bell buttons.

The wireless chime returns to the normal state automatically:

- if you have pressed the Select button, and did not press a wireless bell button within 30 seconds at the latest.
- if you do not press the Select button within 7 seconds at the latest after you have pressed the Menu button 4 times.

Optional extension option: In addition to the wireless bell button and wireless chime included in the kit, you can couple additional wireless bell buttons with any number of wireless chimes. You can couple one wireless chime with a maximum of 11 wireless bell buttons. Interference caused by other wireless bell buttons is prevented as each wireless bell button sends its own individual code.

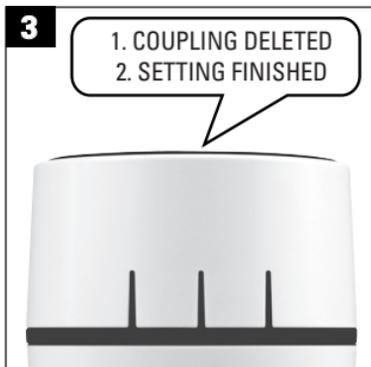
Deleting the coupling between the wireless chime and bell buttons



Press the **Menu button** in normal state **4 times**.



Press the **Select button** within **7 seconds** and keep it **pressed for 10 seconds**. The LED ring goes out as confirmation.



You hear "Coupling deleted" and then "Setting finished".

After the coupling has been deleted, the wireless chime no longer responds if a wireless bell button is pressed.

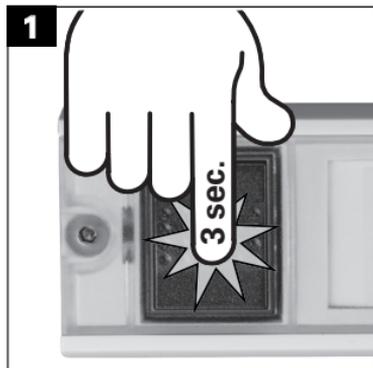
Note: You always delete all existing couplings. It is not possible to delete only one individual coupling between wireless bell buttons and the wireless chime.

Optional: Using the alarm function

The alarm function can be used in combination with the wireless bell button named below (not included in the kit) as a quickly ready, flexible and above all **mobile in-house help call system**. In this case, the wireless chime acts as an alarm generator and the optional wireless bell button acts as a signal generator. In this way, for example, a person in need of help can easily draw attention to themselves.

Important: To use the integrated alarm function, you must cut through a wire link in the wireless bell button. You can only use the alarm function in combination with a special wireless bell button, the MISTRAL SE03.1 wireless bell button. You can purchase this wireless bell button from your local dealer.

Cutting through the wire link



1 Press the wireless bell button and keep it pressed for 3 seconds. The **red** indicator **flashes** at the wireless bell button.



2 After you have released the button, an **alarm sound** is played for 3 seconds at the highest volume.

Warning if batteries are low

Wireless chime: As soon as the batteries have to be replaced, the wireless chime issues a warning in the form of **beep tones**. Replace the batteries as described on p. 8/9.

Note: Your individual settings (melody, colour of the LED ring, volume) are retained when you change the batteries or if the batteries are dead!

If the batteries in the **wireless chime** are low, this is indicated by **2 beep tones** after the melody.

Wireless bell button: Test whether the batteries still have the necessary voltage. To do this, press the wireless bell button. If the **LED of the wireless bell button flashes for fewer than 6 to 7 times** (7 times is the maximum number), you should replace the batteries.

Optional, only in combination with the wireless bell button (MISTRAL SE03.1): If the batteries of the **wireless bell button** are low, this is indicated by **4 beep tones** after the melody. Change the batteries soon thereafter, to ensure that the alarm works when the function is used.

The typical life of the batteries, for normal use, in the wireless chime is approx. 2 years and approx. 7 years in the wireless bell button.

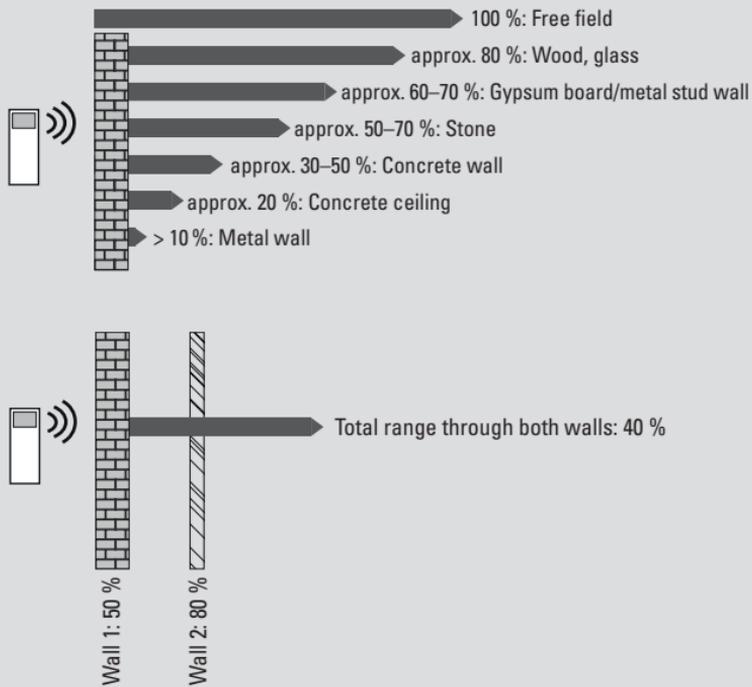
Always only use batteries of the same type and with the same discharge state.

Radio range

The wireless chime kit has a maximum range of 250 m in the free field, provided that the wireless bell button is not mounted on metal.

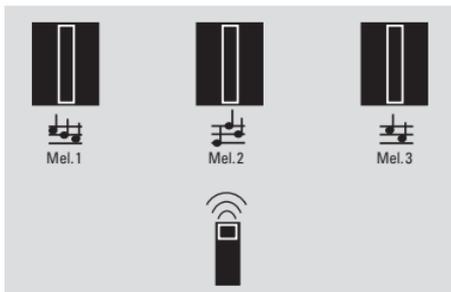
Note: Walls, doors, metal parts, etc. can reduce the range significantly.

Overview: Reduction of range by different materials



Possible combinations / networking

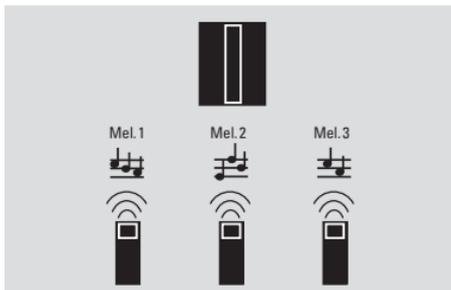
The figures show some of the possible combinations. Among other things, each wireless chime can be activated individually or centrally.



Central call

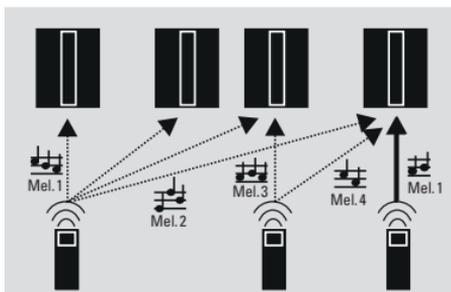
One wireless bell button can activate any number of wireless chimes:

One wireless bell button is coupled with several wireless chimes in different rooms.



Individual call

Up to 11 wireless bell buttons can activate 1 wireless chime: Several wireless bell buttons at different doors/gates are coupled with one wireless chime in one room.



Matrix call

Several wireless chimes can be activated individually. Several wireless bell buttons at different doors/gates are coupled with several wireless chimes in different rooms – including with multiple coupling.

Technical data

Radio chime

Colour	White
Wall mounted	No
Radio frequency	868.35 MHz
Call differentiation	11
Volume	Max. 83 dB(A), depending on the melody
Dimensions	Ø 60 mm x 102 mm
Power supply	4 x 1.5 V batteries (AA type)
Temperature range	5 to 40 °C
Use	in dry rooms only

Wireless bell button

Colour	White
Wall mounted	Yes
Radio frequency	868.35 MHz
Maximum transmission power	< 25 mW
Range	250 m
Dimensions	36 x 100 x 17 mm
Power supply	2 x 1.5 V batteries (AAA type)
Degree of protection	IP54
Use	Indoors and outdoors
Temperature range	-15 to 50 °C

Error – Causes – Help

1. The LED of the wireless bell button flashes after the button is pressed, but the wireless chime does not respond.

1.1. No batteries are inserted into the wireless chime.

Insert 4 x 1.5 V (AA type) batteries (see p. 8/9).

1.2. One or several batteries in the wireless chime have no contact with the positive terminal in the battery holder.

Push the batteries upwards by hand until the positive terminal of the battery has contact with the positive terminal of the battery holder. You can check this easily, by trying to push a piece of paper between the terminals.

(Note: Depending on the battery manufacturer, the circumference of the battery may be too large, so that the compressive force of the spring is insufficient to press the battery up to the contact; see also p. 8/9.)

1.3. The batteries in the wireless chime are completely flat.

Replace the batteries (see p. 8/9).

1.4. The batteries in the wireless chime are inserted the wrong way around (wrong polarity).

Insert the batteries with the plus symbol at the "+" in the battery holder (see p. 8/9).

1.5. The battery holder is inserted the wrong way around.

Insert the battery holder with the springs facing the "+" and "-" symbols in the inner edge of the housing (see p. 8/9)

1.6. The batteries in the wireless chime do not have the required voltage.

Insert four batteries with 1.5 V voltage (AA type) (see p. 8/9).

1.7. The wireless chime is in mute or in slumber mode

Press the Select button to end mute/slumber mode (see p. 18-21).

1.8. The radio range between the wireless chime and wireless bell button has been exceeded.

Reduce the distance between the wireless bell button and the wireless chime or change the location of the wireless chime. Walls and similar can reduce the range significantly (see p. 27).

2. After the melody, you hear two bleep tones.

2.1. The batteries in the wireless chime do not have the required voltage.

Standard rechargeable batteries often do not have the required voltage; only 1.2 V. Only use batteries or rechargeable batteries with 1.5 V voltage.

2.2. The battery power is low.

Insert 4 new 1.5 V (AA type) batteries.

3. After the melody you hear four beep tones (optional if using the MISTRAL SE 03.1 wireless bell button).

3.1. The batteries in the wireless bell button do not have the required voltage.

Insert 2 x 1.5 V (AAA type) batteries.

4. The LED of the wireless bell button does not flash after the button is pressed.

4.1. The batteries in the wireless bell button do not have the required voltage.

Insert 2 x 1.5 V (AAA type) batteries.

4.2. The batteries are not inserted correctly (wrong polarity).

Insert the batteries with the plus symbol in the direction of the “+” embossed in the battery holder.

5. The wireless bell button cannot be coupled with the wireless chime.

5.1. The batteries in the wireless bell button do not have the required voltage.

Important: The LED of the wireless bell button must flash 6 to 7 times (7 times maximum). If the LED, for example, only flashes 5 or fewer times, the battery power is insufficient and the batteries must be replaced (see p. 8/9).

5.2. After pressing the Menu button, you waited too long before pressing the Select button.

Press the Select button within 7 seconds after pressing the Menu button (see p. 22/23).

Declarations of conformity / Disposal and recycling

Declarations of conformity

We hereby declare that this product is in compliance with the essential requirements and the other relevant provisions of Directive 2014/53/EU.

Depending on the device type, tested to the respective relevant standards EN 300220-2, EN 301489-1, EN 62368-1:2016, EN 55022, EN 50581

- RED Directive 2014/53/EU
- EMC Directive 2014/30/EU
- RoHS Directive 2011/65/EU
- WEEE Directive 2012/19/EU

EC Declaration of Conformity: **visit www.funkgong.de**

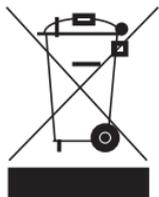
Countries: for all EU countries

Transmission frequency: 868.35 MHz

Disposal and recycling

Electrical equipment with this labelling must be collected separately and recycled in an environmentally compatible way.

Electric scrap and batteries (if used) may NOT be disposed of in household or commercial waste! Dispose of unusable or discontinued electrical equipment solely via the return and collection systems or via the manufacturer or importer.



Guarantee and liability

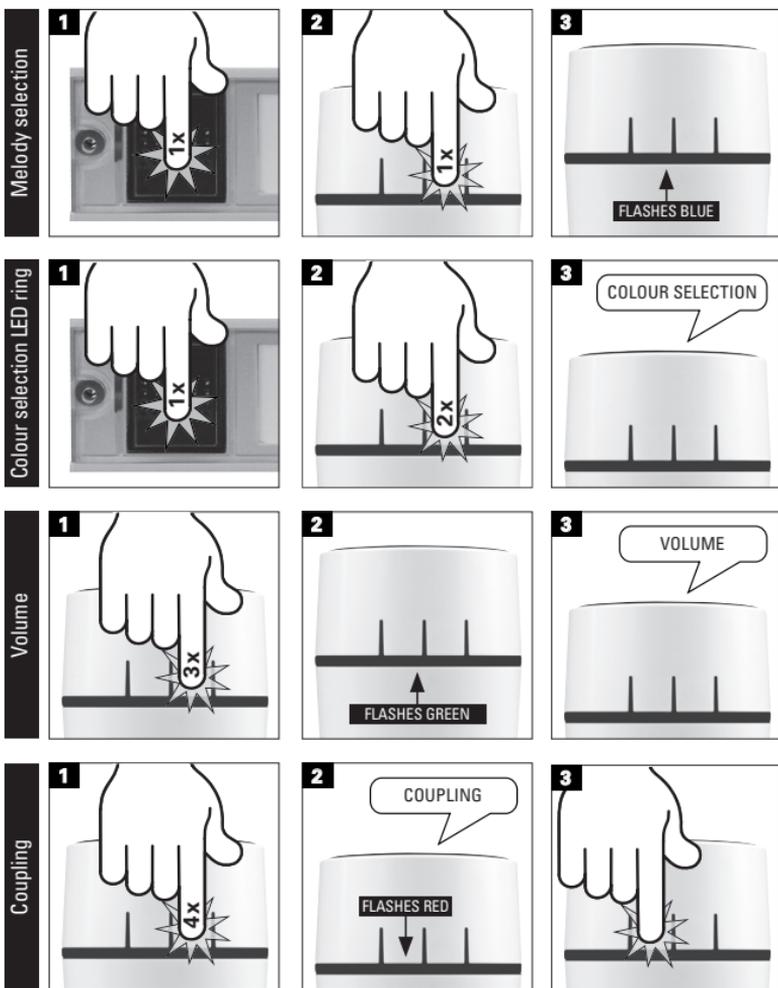
GROTHER GmbH chimes are produced using modern technology and are subjected to one hundred percent quality control.

If a defect nonetheless occurs in your device, GROTHE GmbH provides a guarantee with the following scope.

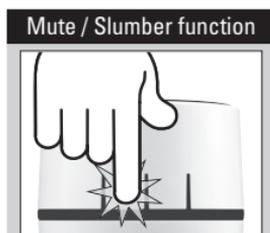
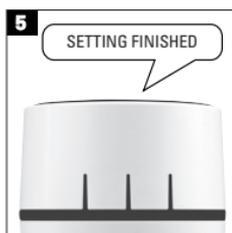
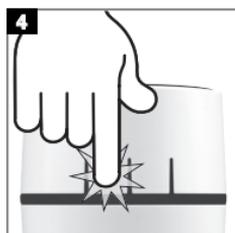
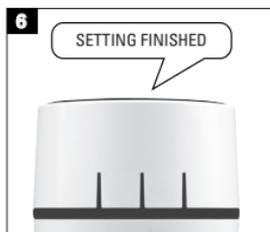
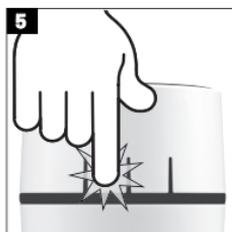
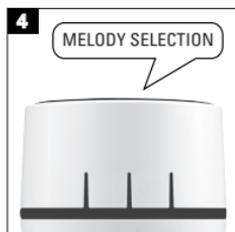
- 1.) Our guarantee includes subsequent improvement or replacement delivery of a device, if it verifiably has functional or material defects.
- 2.) The guarantee does not cover natural wear and tear or transport damage. It also does not cover damaged caused by disregard of the installation instructions or improper installation. The guarantee automatically expires if the device was opened after the fault diagnosis.
- 3.) The guarantee period is 24 months from purchase of the device by the consumer. Compliance with the claim period must be verified by proof of date of purchase by means of the enclosed invoice, delivery note or similar document.

In case of a defect, please send the device with enclosed description of the defect to the address of the seller with the above-named documents.

Quick-start guide



Quick-start guide



Mute for 1 hour:

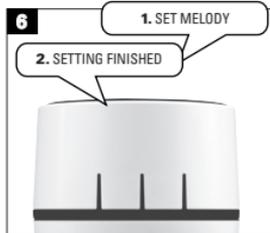
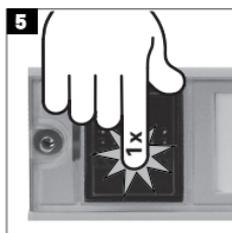
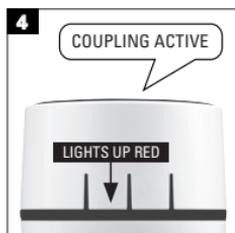
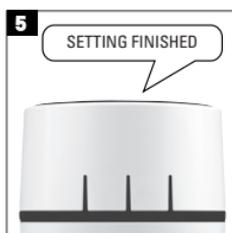
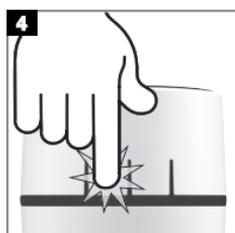
Press Select button 2 times,
LED ring flashes yellow 2 times

Mute for 3 hours:

Press Select button 3 times,
LED ring flashes yellow 3 times

Mute for 9 hours:

Press Select button 4 times,
LED ring flashes yellow 4 times



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