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## MISTRAL

### MISTRAL SE06 Radio Transmitter



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.

## **Safety instructions**

Do not expose the MISTRAL SE06 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 MISTRAL SE06 to excessive heat (e.g. sunlight, fire or similar)!

## **Intended use**

The device 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 device 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!

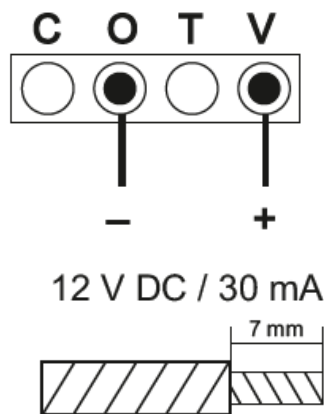
## **Short description**

- Due to its small size, the MISTRAL SE06 transmitter is suitable for mounting in a flush box or other electrical equipment.
- After connecting the MISTRAL SE06 to a potential-free contact such as a push-button, bell button, door intercom, motion detector or similar, the transmitter can control all Grothe wireless doorbells by radio.
- The MISTRAL SE06 is installed in the intended location and then coupled with Grothe wireless doorbells. When connected, MISTRAL SE06 sends a signal to all coupled Grothe wireless doorbells.
- The transmitter is ideally supplied with external power. Alternatively, a battery (only type CR 2450, article number 43397) can be used.

## **Product description**

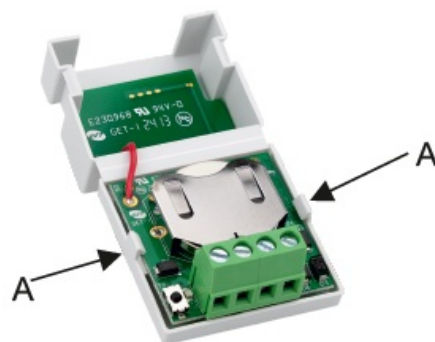


## Power supply



Strip the individual wires 7 mm and connect them to terminals (V) = + and (O) = -

Caution: Use a power supply with a maximum power of 10 W.



## Using the MISTRAL SE06 with a battery

**Attention:** Only use CR 2450 batteries

Open the housing: release both snap-in hooks on the sides of the housing and open the cover.

Insert the CR 2450 battery in the battery holder: make sure the polarity is correct, positive pole up, negative pole towards the PCB.

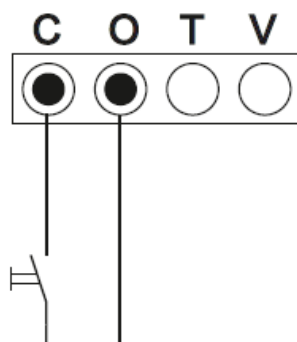
Close cover again.

**Note:**

The battery has a lifetime of approximately five years under normal use.

For very frequent transmissions, an external DC supply, e. g. with NA 9V-GPE (article no. 43399) should be used.

**Connection with potential-free push-button**

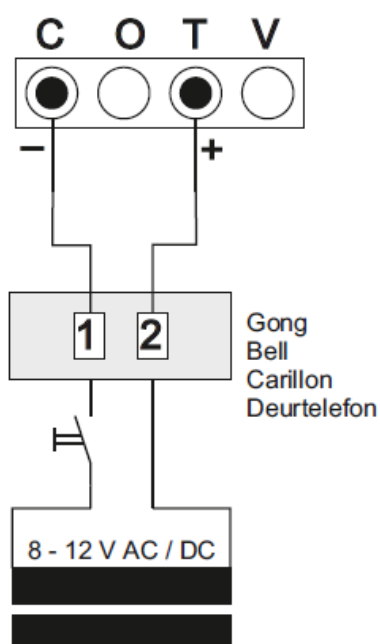


Push-button to be used: normally open contact



Strip the individual wires 7 mm Connect them to terminals (C) and (O)

**Connection with button with voltage**



Strip the individual wires 7 mm Connect them to terminals (C) = – and (T) = +

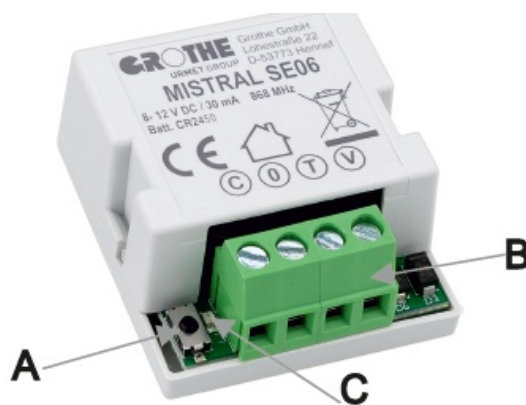


When triggered with direct current C = “-” and T = „+”

A parallel connection with an existing bell system is possible.

### Coupling with wireless doorbells (receivers)

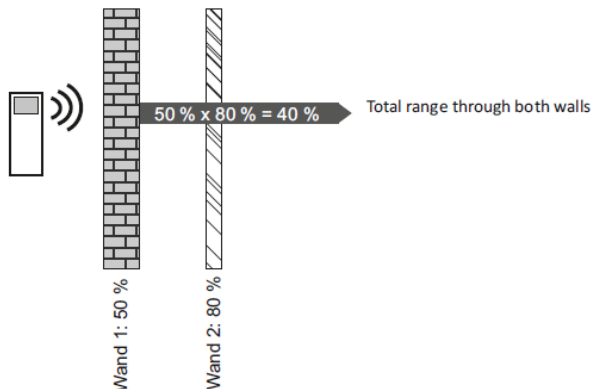
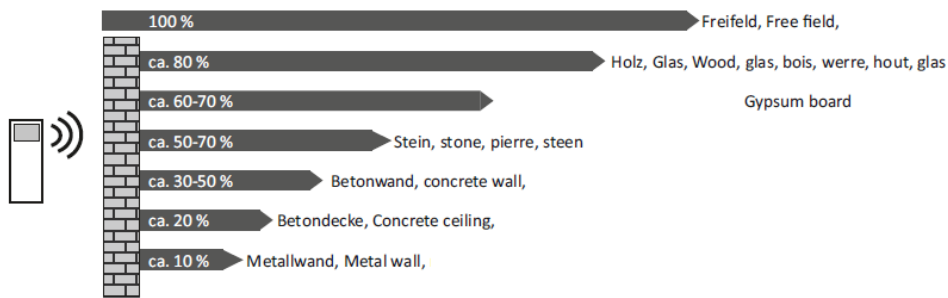
- Switch the wireless doorbell to pairing mode as described in the gong's user manual
- As a confirmation, the LED / LED-lighting lights up red on all Grothe wireless doorbells
- Within 30 seconds press the button on the MISTRAL SE06 (A) or the button connected to the terminals (B). The LED of the MISTRAL SE06 (C) flashes for 30 seconds (red) during transmission procedure.
- When the MISTRAL SE06 is coupled to the wireless doorbell, the wireless doorbell signals and the LED / LED light ring goes out.



### Information's

The range of the MISTRAL SE06 is approx. 150 m if unobstructed and if the transmitter is installed in accordance with the instructions. Walls, doors, metal components etc. may reduce the range significantly. See illustration below.

Note: the range can be significantly reduced with flush mounting, depending on the nature of the wall e.g. reinforced concrete.



## Guarantee and liability

G ROTHE 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.

## Declaration 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 3000220-2, 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](http://www.funkgong.de)
- Countries: for all EU countries
- Transmission frequency: 868.35 MHz



**E-waste does NOT belong in the domestic waste!**

Electrical appliances bearing this mark must be collected separately and reused in an environmentally sound manner (in accordance with the European Waste Electrical and Electronic

Equipment Directive (WEEE) and its transposition into national law), German Act for Electrical and Electronic Equipment, Act on the Sale, Return and Environmentally Sound Disposal of Electrical

### **Equipment and electronic devices (ElektroG)).**

Please dispose of unusable or discarded electrical appliances only via the return and collection systems or via the manufacturer or importer.

### **Technical Data**


Radio frequency	868.35 MHz
Range	150 m in the free field *
Maximum transmission power	<25 mW

Power supply	12 V DC or batterie CR 2450
Current consumption	30 mA
Degree of protection	IP20
Use	Indoor
Temperature range	-10 bis 50 °C
Dimensions	42 x 40 x 21 mm

Walls, doors, metal components etc. may reduce the range significantly!



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## Documents / Resources

	<p><a href="#">MISTRAL SE06 Radio Transmitter [pdf]</a> Installation Guide</p> <p>SE06, SE06 Radio Transmitter, Radio Transmitter, Transmitter</p>
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## References

- [User Manual](#)

 Mistral, Radio Transmitter, SE06, SE06 Radio Transmitter,  
 **mistral** Transmitter

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