

## Tekniske data for ST-930 (416110)



### TECHNICAL DATA

#### RECEIVER:

Power supply: 230 V AC/ 50Hz  
Current draw (while ringing): 73 mA  
Quiescent current: 1 mA  
Operating frequency: 433 MHz  
Bell sound: 36 melodies to select  
Eight-stage volume adjustment  
Optical ringing indication  
Sound level: approx. 85 dB  
Protection class: II  
Protection grade: IP 20  
Temperature operating range: from 0° C to 35°C  
Dimensions [mm]: 95 x 60 x 29

#### TRANSMITTER:

Power supply: 1 x 12 V battery, type: 23A  
Operating range\*: 100 m\*  
Transmission: radio  
Operating frequency: 433 MHz  
Coding: 720 codes (code factory set,  
no ability to change by the user)  
Protection class: III  
Protection grade: IP 20  
Temperature operating range: from -20°C to +35°C  
Dimensions [mm]: 75 x 43 x 20

### MOUNTING INSTRUCTION MANUAL

#### 1. General description

The bell may be used as a doorbell, an internal calling device or a personal alarm device. The doorbell installation is not needed. The bell is 230 V AC operated (connected directly to 230 V AC socket) and the bell push-button is battery operated. 433 MHz frequency is used for signal transmitting and receiving. The bell operating range reaches approx. 100 meters in open area. There are 36 melodies and 4 sound levels to select. A LED indicator signals the bell ringing too.

#### 2. Remote control registration

The remote control is factory adjusted to operate with the bell (a set) and therefore no bell / remote control setting is required.

#### 3. Selection of the melody and the operating mode

In order to select the bell sound/melody it is necessary to push a button placed at the front of the bell casing. Every button pressing causes the melody/sound change. The bell volume change (8 stages) by pressing + or – push-buttons at the front of the bell casing.

\* The operating range given above, concerns the open area under ideal conditions, with no obstacles. If there are obstacles between the receiver and the transmitter, one should expect a decrease in the operating range for, respectively: wood and plaster by 5 to 20%, brick by 20 to 40%, reinforced concrete by 40 to 80%. It is not recommended to use the radio systems in case of metal obstacles, due to a significant limitation of the operating range. Also aerial and underground power engineering lines of a large power capacity and GSM transmitters in close proximity of these devices have a negative impact on their operating range.