

The FRT-32R-Touch is a wireless Call Indication Panel for up to 32 call buttons (table transmitters et al.). The slim and easy to clean stainless steel housing can be fixed to the wall by 2 screws like a picture. Incoming calls from up to 32 call buttons are indicated at the respectively assigned buttons and the LCD is showing all calls in order of its reception.

Power supply: by a plug-on PSU (230Vac / 12Vdc / 200mA); the connector is recessed on the back of the housing.

Wall mounting: The Call-Panel can be fixed to the wall like a picture. Suitable screws (3,9 x 32mm) and plugs (6mm) are attached.

▶ To obtain optimal communication range, the aerial should be kept away from shielding metal areas.

Assigning the wireless call buttons to the call indication LEDs:

1. Touch the „assign-button (!)“: and its LED (!) illuminates, the LCD indicates: „assign call button“ along with a bar for the remaining time
 2. activate the wireless call button to be assigned: the LED (!) is flashing
 3. touch the respective target button (1 to 32): the LED (!) extinguishes.
- ▶ Any new assignment to a touch button is overriding its previous assignment.

Recognize received calls: these are indicated by flashing LEDs at the assigned positions until the individual reset by touching the respective button. The LCD is showing the order of all received calls.

Chime signal: is activated with every fresh incoming call and reminds every 20 sec. that at least one call is unattended. The chime signal can be omitted or its loudness preselected: A short touching of the “acoustic button” is switching the chime signal OFF (LED illuminates) or ON. For selecting the loudness, first touch the “acoustic button” for 2 sec. and then touch the selection buttons 1 (=low) to 4 (=high); the menu is left by touching the “acoustic button”.

Acknowledgement of calls: by touching the respective button with the flashing call indication LED, which then extinguishes. If call buttons are assigned to more than one call panel, then an acknowledgement of a call at one call panel will automatically remote-cancel this particular call at the other call panel(s).

Exchanging the inlay: The inlay can be exchanged by an individually designed inlay, created with a PC by using one of the forms. After printing cut it to the appropriate size. Open the housing by loosening the screws. The new inlay can be positioned between the transparent films accordingly. Close the housing and fix the screws again.

Low-Battery indication: Any weak battery of the wireless call buttons is indicated by the LED at the „LowBatt button“. By touching the LowBatt button, all respective call buttons are indicated, which need a fresh battery. Replace a new battery (CR2032, 3V Lithium) and pay attention to the correct polarity. Make a test call to reset the LowBatt indication.

Cleaning: ▶ First disconnect the power supply!
Clean the housing with a damp cloth. Do not use aggressive or abrasive cleansers.

Waste management:

Worn-out electronic units have to be disposed according to law!
▶ The unit and its batteries must be disposed separately.

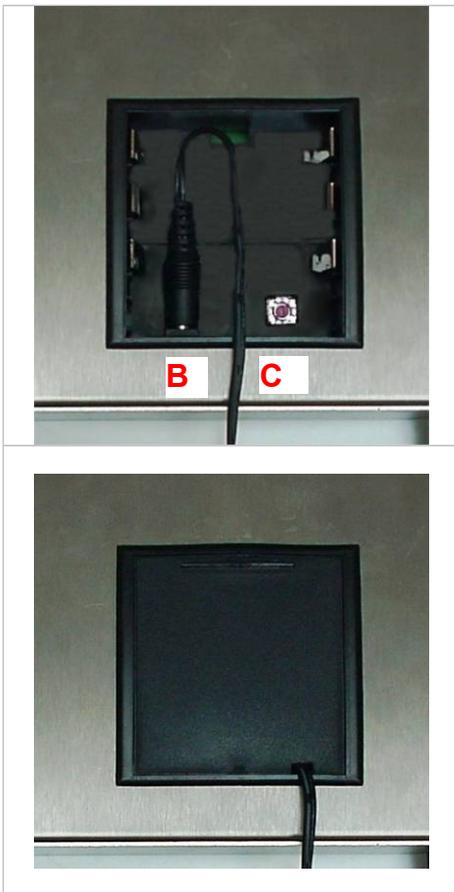


Technical data:

Dimensions: W x H x D = 222 x 276 x 30 mm; Weight: 1530g
Frequency: SRD-Band (licence free within EU countries), 869,07 MHz

The call panel **FRT-32R Touch** (with 32 fields) is also available as **FRT-16R Touch** (16 fields with double size).

Parallel operation of call panels: If wanted, initiated calls can be transmitted and indicated at more than one call panel. Please verify that all wireless call components are within the wireless transmission range, which can be substantially enlarged by repeaters FRT-R-U. The acknowledgement of an indicated call can be done at either call panel and will lead to a remote-cancelling of this respective call at the other call panel(s), automatically.



Power Supply

The wireless Call Indication Panel is supplied by a plug-in PSU. The connector is recessed on the back of the housing.

- Open the lid and plug the PSU (230Vac / 12Vdc / 200mA) into the connector socket (B).
- Close the lid, leading the PSU cable through the gap of the lid.

Address switch

For above described standard function the rotary switch (C) set to "0".

The settings "1" ... "9" at the call indication panel FRT-32R (FRT-16R) are used only in conjunction with the matching call station "FRT-32S" (FRT-16S), also having an address switch.

In this mode, up to 32 (16) calls of a call station are transmitted and indicated at the call panel(s) with the same address.

For example:

Touching the touch field 5 at the call station (address set to 3) will be indicated on the call panel (address set to 3) at the touch field 5, etc.

This allows the use for multiple pairs of call stations and call panels in one object.

Notes:

The **spreading of radio signals** in buildings is depending on the individual construction and can be reduced substantially by damping and reflection of walls, furniture etc. For compensation of these effects and to achieve longer transmission ranges, repeaters (FRT-R-U; up to four can be cascaded) may be used.

The **quality of the radio signal reception** of each call button, located throughout the premise, can be indicated on the LCD at the call panel as follows:

By touching a call indication button (while its call indication LED is not illuminated), the LCD is showing a number value, which is representing the radio signal strength of the last received call. The lower this indicated (negative) number is, the stronger was the received radio signal. The indication range is -30 ... -110 and allows the judgement of the obtainable transmission range at the intended location of the wireless call buttons.