



The Call Button FRT-WS 1 is used for manual operation in industrial locations to call for assistance or requesting supply of material. The call can be received at one or more mobile or stationary receiver units with visual and / or acoustical announcement or transfer the call button's ID-code via a serial RS-232 interface to a connected PC or similar for further processing.

The battery operated call button has a rigid polycarbonate housing, containing a UHF-transceiver for bi-directional signal transmission (SRD-band 869 MHz, for licence free operation in EC countries), a flush mount stainless steel button with integrated control-LED (red) and a detachable aerial.

Mounting:

Fix the bottom part of the housing to an appropriate location and away from metal surface to obtain a good radio signal communication. If necessary, the detachable aerial can be placed remotely via an extension type and/or repeater(s) can be used for an extended radio signal range. Insert 2 batteries (Alkali-Mangan / 1,5V / Type AA) into the battery holder and plug the jumper to switch the unit ON. Now put the front part with the electronic onto the bottom part, fix it with the 4 screws and clip-on the screw covers.

Operation:

Teach-in the call button to the respective receiver unit and initiate a test call. The red control-LED is indicating the transmission activity by a short illumination and the technical call acknowledgement of the receiver unit is indicated by a 3 sec lighting. In case that this should fail, one or even a second call repetition is initiated automatically.

Technical data:

Dimensions:	ca. H 160 x W 80 x D 60 mm
Housing, protection:	Polycarbonate, IP65
Weight:	ca. 345g
Temperature:	-10°C ...+50°C
Power supply:	2 x Alkali-Mangan battery 1,5V, Type AA
Battery lifetime:	ca. 50.000 calls
Radio link:	869,07 MHz, FSK, ERP ca. 6mW

Options:

Call unit with 2 buttons; remote aerial; call repeater

Waste management:

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



Selection of matching receiver units:

FRT-RX-2	Receiver for 2 commands, each with 1 relay
FE-8 RG	Receiver unit with 8 relays
FRT-8 N	Receiver unit with numeric display (1 ... 8)
FRT-16 (20)	Call indication panel for 16 + 4 individual calls
FRT-32 / 64	Call indication panel for 32 / 64 individual calls
FRT-16 / 32 Touch	Call indication touch panel stainless steel for 16 / 32 individual calls
FRT-RS 232	Receiver unit with serial interface RS-232
MP-U3	mobile wristwatch pager with vibration and alphanumeric LCD
MP-T3	mobile pocket pager with vibration, tone and alphanumeric LCD