



# Mini

handset radiocontrol



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MITO series radio remote controls are engineered and developed with more than twenty years of ELCA experience in the manufacturing of industrial radiocontrols. The MINI transmitter is compact, robust and affordable. It can be used to control from a remote distance, various types of electrical systems and equipment (operating distance: 150 m).

Components, design, ergonomics and lightness, make this pushbutton very interesting for the civil applications that require the best in terms of performances. The transmitter panel which illustrates the various controls is customizable (on demand) and designed to last.

Available configurations from 2 to 8 channels, working at the same time, plus start and stop functions. The internal Lithium battery has a duration of 50 hours in continuous transmission and recharging can be effected quickly and easily. Any receiver can be synchronized with up to 20 transmitting units, maintaining its unique pairing process, affordability and rapidity in transmission of commands (<100ms).

The MINI system is bi-directional with LBT technology (Listen Before Transmit) which automatically searches, even while operating, the best available frequency. Identification code is unique and free from possible interferences coming from any other radio system present in the working site.

The MINI radio remote control comes complete with a transmitter, receiver, power supply, recharging unit, transmitter holster and user manual.

scale 1:1



Dimensions: 113x60x26 mm  
Weight: 100 g

## mito series compact handset MINI



- 2 commands  
- start  
- stop

- 3 commands  
- start/stop  
- start  
- stop

- 4 commands

- 6 commands  
- start  
- stop

- 7 commands  
- start/stop

- 8 commands

## Receiver

Receiver MINI is designed to work in extreme conditions and its shape, compact and light, makes installation easier in small spaces, too.

Cabling is comfortable and quick, thanks to the optimum positioning of the component.

Aerial is incorporated or external as an option when receiver is installed inside shielded electrical boxes.



### Technical Data

Operating range	UHF
ISM band working frequency	868,0125 ÷ 869,9875 MHz
Working, transport and storage temperature	-20 ÷ +55 °C
Operating range Raggio d'azione	150 m
Hamming distance	≥10
Passive safety stop time	< 1 s
Active safety stop time	< 0,35 s

### Transmitter

Model	MINI
Aerial	built-in
Power supply	Li-Polymer battery pack 3,7
Transmission consumption	< 25 mA
Absorbed power	< 0,1 W
R.F. emission power	< 5 mW ERP
Flat battery warning notice	10 minutes
Charged battery autonomy at 20°C	approx. 50 hrs
Protection level	IP67
Dimensions	113x60x26 mm
Weight	100 g

### Receiver

Model	MINI
Aerial	built-in or external (opt.)
Power	9-30 Vac/dc
Consumption	< 5 W
Maximum current on outputs	10 A in AC1, 10 A in DC1 at 30 V
Maximum current on stop circuit	6.3 A
Maximum voltage on contacts	230 Vac
Protection level	IP67
Dimensions	165x107x50 mm
Weight	450 g



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