



Mini

compact handheld
radio control

The MITO electronic remote controls are designed and developed on the basis of ELCA's experience of more than 30 years in the production of industrial radio controls. The MINI model is a very robust and reliable system used to remotely control the most varied electrical systems (operating distance:150 m).

The materials used, the design, the excellent ergonomics and lightness, make this handheld very interesting even for civil applications that require the utmost in terms of performance.

The panel describing the controls can be customised (on request) and made to last over time. The configurations available range from 2 to 10 simultaneous channels, in addition to the start and stop functions.

Mito series compact handhelds MINI

KEY

- ... available commands
- Start button
- Stop button
- Start/Stop button



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scale 1:1



dimensions: L60xH113xP26 mm
weight:100 g

The internal lithium battery lasts up to 50 hours in continuous transmission and can be quickly recharged.

Up to 20 transmitter units can be combined with each receiver, guaranteeing the uniqueness of the command.

Two-way transmission system with LBT (Listen Before Transmit) logic, during use it automatically searches for the best free frequency available.

The ID code is unique and immune to possible interference in the commands from any other system in the area of use.

Each MINI system consists of a transmitter, receiver, power supply, charging base, rigid transmitter holster and user manual.

MINI receiver

The MINI receiver withstands extreme conditions of use and its compact and lightweight shape makes it easy to install, even in small spaces. The wiring is easy, it is done quickly for the optimal positioning of the components. The antenna is built-in and also available as an external version (e.g. receiver installed inside shielded panels).



Technical data

ISM band work frequency	868,0125 - 870,000 MHz
Operation temperature	-20 ÷ +55 °C
Operating range	150 m
Hamming distance	≥ 10
Passive stop time	< 1 s
Active stop time	< 0,35 s

Transmitter

Mini


Antenna	incorporated
Power supply	3.7 V 1100 mA lithium battery
Current draw	< 25 mA
Absorbed power	< 0,1 W
RF emission power	< 5 mW ERP
Flat battery pre-warning time	approx. 10 minutes
Autonomy with battery charged at 20°C	approx. 50 hours
Protection degree	IP67
Dimensions	60x113x26 mm
Weight	100 g

Receiver

MITO Mini

Antenna	built-in (optional: external)
Power supply	9-30 Vac/dc
Absorbed power	< 5 W
Maximum capacity of the command circuit contacts	10A in AC1, 10A in DC1 at 30V
Maximum capacity of the STOP circuit contacts	6.3A
Maximum contact voltage	230 Vac
Protection degree	IP67
Dimensions	110x165x50 mm
Weight	450 g
No. of available controls	4/8/10 On/Off



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