



# 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.

# Mini

compact handheld  
radio control

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.

The MINI radio control system consists of: transmitter, receiver (AR MITO MINI / AR MITO DIN), battery charger/USB cable/power supply, wrist strap, belt-mounted transmitter holder, user's manual.

## MITO SERIES

compact handhelds  
**MINI**

- KEY
- available commands
  - Start button
  - Stop button
  - Start/Stop button



## Technical data

MITO ELECTRONICS

ISM band work frequency	868,0125 - 870,000 MHz opz. 434,075 - 434,775 MHz opz. 920,000 - 921,150 MHz
Mode of transmission	LBT-AFA
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

## Receivers

AR  
MITO MINI

AR  
MITO DIN

Power supply	12-30 Vdc / 12-24 Vac ~ 50/60 Hz	9-24 Vdc
Protection degree	IP67	IP00
Dimensions (mm)	110x165x50	45x140x60
No. of available controls	4/8/10 digital	8 NPN/PNP OPEN COLLECTOR +2 analogue



## Charging system



## Belt-mounted transmitter holder



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