



# Mini

handheld radiocontrol



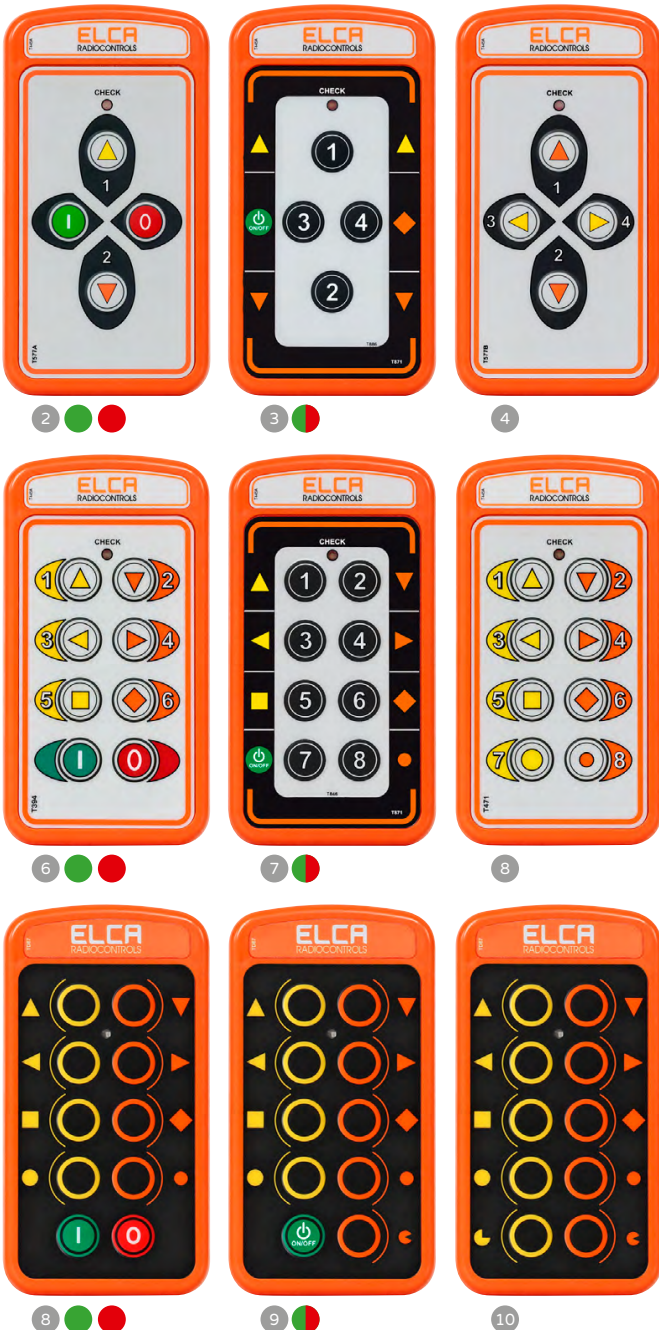
MITO series radio remote controls are engineered and developed with more than twentyfive years of ELCA experience in the manufacturing of industrial radiocontrols. The MINI transmitter is compact, robust and affordable. It can be used to control from a remote distance, various types of electrical systems 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 and designed to last.

Available configurations from 2 to 10 channels, working at the same time, plus start and stop functions.

**mito series**  
**compact handset**  
**MINI**

- LEGEND**
- ... available commands
  - Start push-button
  - Stop push-button
  - Start/Stop push-button



# Mini

handheld radiocontrol

scale 1:1

**NEW**



Dimensions: 60x113x26 mm  
Weight:100 g

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.

## 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

#### Mini

|                                  |                             |
|----------------------------------|-----------------------------|
| Antenna                          | 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                       | 60x113x26 mm                |
| Weight                           | 100 g                       |

### Receiver

#### Mini

|                                 |                                  |
|---------------------------------|----------------------------------|
| Antenna                         | built-in or external (opt.)      |
| Power supply                    | 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                      | 107x165x50 mm                    |
| Weight                          | 450 g                            |



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