



Mini+

handheld radio control
compact

MINI+ enhances the characteristics of the MINI model, the ELCA "pocket" system for professional use: small, lightweight, comfortable and easy to use, waterproof, powered by a long-lasting lithium battery, always reliable!

Available with: MITO electronics; E1 electronics.

Common characteristics:

- larger buttons;
- description of commands, customisable, high-visibility;
- protective anti-slip rubber edge;
- power supply: Rechargeable lithium or alkaline AA batteries;
- key to turn on the software (command sequence);
- shoulder strap (provided) with integrated supports;
- "ELCA-CLIP" USB charging cable for lithium battery;
- cases dedicated to 2, 4, 6, 8 commands;
- MINI receiver.

Furthermore, MINI+ with E1 electronics includes:

- Latching stop mushroom button, PL d cat. 3 EN ISO 13849-1;
- 4 "Data Feedback" signalling LEDs;
- buttons with single/double release;
- MINI, Flexi receivers.



SERIE MITO MINI+ compact handheld



SERIE E1 MINI+ compact handheld



- KEY
- available commands
 - Start button
 - Start/Stop button
 - commands available 1 and/or 2 speeds
 - Stop button
 - Stop mushroom button, PL d cat. 3 EN ISO 13849-1
 - 4 Data Feedback LEDs

The MINI+ radio control system consists of: transmitter (MITO MINI / E1 MINI), receiver (AR MITO MINI / AR E1 MINI), power supply with ELCA-CLIP USB cable, shoulder strap, user's manual.

Mini+

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scale 1:1



dimensions: L62 x H137 mm
weight: from 200 g

Configurations

Lower part and power supply

Batt. Litio +
STOP +
ELCA-CLIP USB
SERIE E1



Lithium battery +
ELCA-CLIP USB
SERIE MITO, E1



Alkaline
batteries 3XAA
SERIE MITO, E1



Technical data

MITO ELECTRONICS

E1 ELECTRONICS

ISM band work frequency	868,0125 - 870,000 MHz opz. 434,075 - 434,775 MHz opz. 920,000 - 921,150 MHz	433,100 - 434,775 MHz
Transmission mode	LBT-AFA	LBT / FHSS
Working temperature	-25 ÷ +55 °C	
Operating range	150 m	
Hamming distance	≥10	≥9
Passive Stop time	< 1 s	< 0,5 s
Active Stop Time	< 0,35 s	< 0,1 s
Safety functions (according to EN ISO 13849-1)		
Stop protection (with stop mushroom button)	/	PL d cat.3

Transmitters

MITO MINI+

E1 MINI+

Antenna	incorporated	
Power supply	3.7 V 1100 mAh lithium battery 3xAA 1.5V alkaline batteries	
Current draw	< 25 mA	< 45 mA
Absorbed power	< 0,1 W	< 0,15 W
RF emission power	< 5 mW ERP	< 10 mW ERP
Flat battery pre-warning time	approx.10 minutes	1 hour - 5 min. - 100 sec.
Autonomy with battery charged at 20°C	approx. 50 hours	up to 20 hours
Protection degree	IP65	
Dimensions and weight with lithium battery (stop)	/	62x137x70 mm - 250 g
Dimensions and weight with lithium battery	62x137x35 mm - 200 g	
Dimensions and weight with alkaline batteries (3xAA)	62x137x47 mm - 260 g	

Receivers

AR E1 FLEXI A AR E1 FLEXI SW AR E1 MIDI A AR E1 MIDI SW AR E1 MINI AR MITO MINI AR MITO DIN

Power supply	48/55/ 110/230 Vac ~ 50/60 Hz	12-24 Vdc	24-230 Vac ~ 50/60 Hz	12-24 Vdc	12-24 Vdc (E1 MINI)/ 24-48 Vac ~ 50/60 Hz (E1 MINI A)	12-30 Vdc / 12-24 Vac ~ 50/60 Hz	9-24 Vdc
Protection degree	IP65	IP65	IP65		IP67	IP67	IP00
Dimensions (mm)	133x256x88	133x256x88	152x152x75		110x165x50	110x165x50	45x140x60
No. of available controls	up to: - 16/24 digital - 16 digital + 6 proportional - optional expansion board CanOpen, EtherNet/IP, PROFINET, PROFIBUS communications - 4 digital feedback inputs		up to 12 digital	up to: - 12 digital + 3 proport. - 4 digital fee- back inputs	- 8 digital - CanOpen - 4 digital feedback inputs	4/8/10 digital	8 NPN/PNP OPEN COLLECTOR + 2 analogue

Accessori opzionali:



Wall mount



Wall mount with
USB charging



Belt

Belt loop

Cover (also with stop)



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