



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:

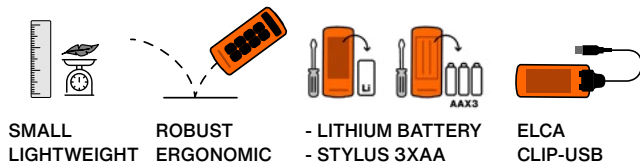
- MITO electronics;
- E1 electronics.

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.



MITO series

MINI+ compact handheld



KEY

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

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scale 1:1



dimensions: L62 x H137 mm
weight: from 200 g

E1 series

MINI+ compact handheld



Lower part and power supply configurations



Technical data

	Mito	E1
ISM band work frequency	868,0125 - 870,000 MHz opt. 434,075 - 434,775 MHz opt. 920,000 - 921,150 MHz	433,100 - 434,775 MHz
Type of modulation	GFSK	
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 mA 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 - 217 g
Dimensions and weight with lithium battery	62x137x35 mm - 200 g	
Dimensions and weight with alkaline batteries (3xAA)	62x137x47 mm - 261 g	

Receivers	E1 Flexi A	E1 Flexi SW	E1 Mini	Mito Mini	Mito DIN
Power supply	48/55/ 110/230 Vac ~ 50/60Hz	12-24 Vdc	12-24 Vdc / 24-48 Vac ~ 50/60Hz	12-30 Vdc / 12-24 Vac ~ 50/60Hz	9-24 Vdc
Protection level	IP65	IP65	IP67	IP67	IP00
Dimensions (mm)	133x256x88	133x256x88	110x165x50	110x165x50	45x140x60
No. of available controls	up to: - 16/24 On/Off - 16 On/Off + 6 proportional - optional expansion board - CAN/Ethernet communication		8 On/Off	4/8/10 On/Off	8 NPN/PNP OPEN COLLECTOR + 2 analogue

Optional accessories:



Wall mount



Wall mount with
USB charging



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