



PIC

compact waist portable
radio control

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PIC is a compact, SMALL and light-weight, robust and reliable waist portable radio control. Created for satisfying various application requirements (compatible with MITO and E electronics).

The standard configuration consists of 3 lever selectors and a mushroom-shaped button to perform 5 commands, and up to 8 with a second function. Versions are available with an analogue potentiometer and 4 LEDs for feedback signals (E-PIC).

The anti-reflection control panel, made with durable materials, remains functional also when used in particularly harsh conditions; customisable.

The "CHECK" LED provides certainty that the receiver is connected and ready to receive the commands.

scale 1:1



dimensions: L125xH87xP70 mm
weight: 350 g



Internal replaceable lithium battery with continuous charging of up to 50 hours (MITO series) and up to 20 hours (E series). Quick charging with the dedicated connector ELCA-CLIP USB.

MITO-PIC has a two-way transmission system with LBT (Listen Before Transmit) logic, which automatically searches for the best free frequency. The ID code is unique and immune to possible interference in the commands from any other system in the area of use.

The quick-release belt supplied with the transmitter is finished in leather to maintain its portability and comfort characteristics. The integrated belt loops protect the charging socket, which can also be used with a power bank.

PIC uses the MINI receiver: light, compact, with internal antenna (optional external antenna), perfect for small spaces and resistant to harsh conditions of use. Wiring is easy and quick for the optimal arrangement of the internal components and can be requested as an option, proving the wiring diagram of the system to control. The receiver can be paired with multiple transmitting units.

MITO
PIC



E
PIC



The PIC radio control system consists of: transmitter (MITO PIC / E PIC), receiver (AR MITO MINI // / AR E MINI / AR E MIDI / AR E FLEXI), power supply with ELCA-CLIP USB cable, belt, user's manual.

Technical data

ELECTRONICS MITO

ELECTRONICS E

		E1	E2	E29
		ISM band work frequency	868,0125 ÷ 870,000 MHz	433,100 - 434,775 MHz
Working temperature	-20 ÷ + 55 °C	-25 ÷ + 55 °C		
Transmission mode	LBT-AFA	LBT / FHSS	FHSS	FHSS
Operating range	150 m	100 m		
Hamming distance	≥ 10	≥ 9		
Passive Stop time	< 1 s	< 0,5 s		
Active Stop Time	< 0,35 s	< 0,1 s		

Transmitters

MITO PIC

E PIC

	MITO PIC	E PIC
Antenna	incorporated	
Power supply	3.7 V 1100 mA lithium battery	
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	approx. 20 hours
Protection degree	IP65	
Dimensions	125x87x70 mm	
Weight	350 g	

Receivers

AR E MINI

AR MITO MINI

AR E MIDI A

AR E MIDI SW

AR E FLEXI A

AR E FLEXI SW

	AR E MINI	AR MITO MINI	AR E MIDI A	AR E MIDI SW	AR E FLEXI A	AR E FLEXI SW
Power supply	12-24 Vdc (E MINI)/ 24-48 Vac ~ 50/60 Hz (E MINI A)	12-30 Vdc / 12-24 Vac ~ 50/60 Hz	24-230 Vac ~ 50/60 Hz	12-24 Vdc	48/55/ 110/230 Vac ~ 50/60 Hz	12-24 Vdc
Protection degree	IP67		IP65		IP65	
Dimensions (mm)	110x165x50		152x152x75		133X256X88	
No. of available controls	- 8 digital - CanOpen - 4 digital feedback inputs	4/8/10 digital	up to 12 digital	up to: - 12 digital + 3 proport. - 4 digital feedback inputs	up to: - 16/24 digital - 16 digital + 6 proportional - optional expansion board CanOpen, EtherNet/IP, PROFINET, PROFIBUS communications - 4 digital feedback inputs	



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