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Mago series
EVO



Evo is Elca's standard handheld radiocontrol for machines and industrial lifting and handling. It consists of 6 double step push-buttons, 1 programmable function button, Start with programmable code activation key and Stop. Auto switch off, IP65, internal Lithium battery (up to 20 hours) with power supply ELCA-CLIP. Optional "Master-Slave" and "multi-transmitter".

Mito series
MINI



MINI is a compact radiocontrol to control remotely a wide range of industrial automation applications. Versions from 4 to 10 single step buttons Control panel and function modes are programmable, IP67, floatable. Bi-directional technology LBT with automatic frequency change, while working a LED "check" to confirm active radio connection with receiver. Internal Lithium battery (up to 50 hours). Configurations with multiple transmitters/receivers.

Mito series - E1 series
MINI+ (Plus)



MINI+ (Plus) is the new compact pushbutton (200 g) that extends the range of model MINI. Configurations with 4-6-8 commands, clearly indicated; ergonomic shape with easy use with protection gloves, too. The electronic E1 can be supplied with single or two speed pushbuttons, category 3 PLd EN ISO 13849-1 stop function; 4 data feedback programmable Led. Powered by Lithium battery; USB power supply; USB cable Elca-Clip (AA batteries also available optional).

E1 series
MIA



MIA is the new industrial handheld radiocontrol with 10 double-speed push-buttons and 2 programmable single-speed, Start and Stop. Options: 1-0-1 toggle switch; side push-buttons, potentiometer, 4 LED feedback or active selection, data feedback graphical display; dead-man, off-on-off, function. Pairing key easily accessible externally. Interchangeable Lithium battery with power supply ELCA-CLIP.

Mito series
PIC



PIC is a compact waistbelt radiocontrol, small and lightweight, robust and reliable. Designed to satisfy a vast range of applications (compatible with MITO and E1 electronics). The standard configuration consists of 3 selectors and emergency mushroom-shaped stop button, allowing for 5 commands, and with a second function toggle, up to 8 commands. Interchangeable Lithium battery. The blinking of the "CHECK" Led indicates to the operator that the receiver is connected and ready to receive the commands sent.

Mito series - E1 series
VETTA



The compact, waist portable, VETTA radiocontrol is very robust and reliable with reduced dimensions and weight. It allows to control up to 9 functions, plus Start and Stop. Available with proportional adjusting speed and 4 feedback LED (series E1). Replaceable internal Lithium battery with ELCA-CLIP power supply. Customized control panels and functional modes, available as option.



E1 series PUNTO



PUNTO is a compact joystick radiocontrol. Standard configurations with 2 on/off joysticks, single or double axis or 2 proportional joystick or 4 mono axis, 3 toggle switches, removable activation key and Stop push-button. Transmitter is customizable according to specifications supplied by the customer. Powered by interchangeable battery with dedicated charger.

E1 series Bravo series M



Model M transmitter is the winning choice for its flexibility and available surface. Can be fitted with single or double axis joystick and permits a wide range of layout: potentiometers, toggle switches, many kind of buttons, with up to 6 proportional outputs (8 Bravo series) and 28 on/off commands. Interchangeable battery, to work up to 20 hours. Automatic frequency change; analogic commands remote setup. Available a solo on/off version, too.

E1 series SFERA



Joystick radiocontrol SFERA has the same characteristics of PUNTO model even if slightly bigger to host 3 on/off joysticks, single or double axis or 3 proportional joysticks or 6 single axis, 5 toggle switch, removable activation key and Stop push-button. Transmitter can be adapted to customer needs. Powered by interchangeable battery with dedicated charger.

Tel series VAI PUNTO SFERA M



Cable control can control machinery at a distance via cable. They are used in several situations: in place of a radio control in situations where radio use is limited (airports, military areas, etc.), as a backup system to avoid machine down time (with a kit radio/cable with exact same layout (see concrete pumps), where a fixed control panel on the machine is not possible or where a control via cable is preferred. Controls modes, on/off or proportional technology, cable length, available on request.

Receivers



The receiver is an integral part of the radiocontrol system. Connected to the electrical box of the machine to be controlled. It is activated by a command of its own transmitting unit, to be ready to receive commands. Models and electronics are different, accordingly with type and number of functions, outputs (on/off, proportional), power supply (Vac, Vdc).



Transmitter
Receiver Options



	MIA	EVO	VETTA	PIC	MINI	MINI+	PUNTO	SFERA	M	VAI
MAXI A							•	•	•	-
MAXI D							•	•	•	-
MAGO		•								-
E1 FLEXI A	•		•			•	•	•		-
E1 FLEXI SW	•		•			•	•	•		-
E1 MINI			•			•				-
MITO MINI			•	•	•	•				-
MITO DIN			•	•	•	•				-
BRAVO D									•	-

Transmitters	Electronic: E1 Model: Mia - PIC - Vetta - Mini+	Electronic: Mago Model: Evo	Electronic: Mito Model: Mini - Mini+ - PIC - Vetta	Electronic: Bravo Model: M
Frequency range	433,100-434,775 MHz	433,100-434,775 MHz	868,0125-870,000 MHz (opt. 434.075 - 434.775 MHz)	433,100-434,775 MHz (Bravo: 863,0-870,0 MHz)
Operating temp.	-20 / +50 °C	-20 / +50 °C	-20 / +55 °C	-20 / +50 °C
Range	150 m	100 m	150 m	150 m
Power supply	Li-Polymer battery pack 3,7V	Li-Polymer battery pack 3,7V	Li-Polymer battery pack 3,7V	NiMH 7,2V battery pack (Bravo Li-on 7,4V)
R.F. emission power	<10mW ERP	<10mW ERP	<5mW ERP	<10mW ERP (Bravo: <25mW ERP "auto power tuning")
Protection level	IP65	IP65	IP67 (Vetta IP65)	IP65

Receivers	Maxi A	Maxi D	Mago Flexi A	E1 Flexi A	E1 Flexi SW	Mito/E1 Mini	Bravo D	Mito DIN
Power supply	24/48/55/ 110/230Vac	12-30Vdc	48/55/ 110/230Vac	48/55/ 110/230Vac	9-30Vdc	9-30Vac/dc	9-30Vdc	9-24 Vdc
Protection level	IP65	IP65	IP65	IP65	IP65	IP67	IP67	IP00
Dimensions (mm)	216x260x93	216x260x93	135x255x85	135x255x85	135x255x85	107x165x50	178x185x49	130x45x60
N. av. commands	up to 42 on/off + 6 prop.	up to 42 on/off + 6 prop.	12/24	12/24	24/16+6 prop.	6/8/10	28+6 prop.	up to 10 NPN



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