



Vetta

compact waist portable
radio control

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scale 1:1

The VETTA is a robust and reliable, compact waist radio control with reduced dimensions and weight.

It allows you to command from a remote position up to 9 commands plus Start and Stop also with proportional function.

VETTA, designed to serve professional needs, also adapts to civil applications, where performance at the highest level is required.

The anti-glare control panel can be customised and is made with materials that last over time, even with heavy use.



The standard configuration consists of 5 selectors and mushroom stop button. Upon request, buttons, proportional control potentiometer, up to 4 LEDs for light feedback, coming from the machine or from the radio-controlled system (electronics E).

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

The internal lithium battery lasts up to 50 hours in continuous transmission can be charged quickly and can be replaced. Each receiver can be paired with multiple transmitting units.

VETTA, with MITO electronics, has a two-way transmission system with LBT (Listen Before Transmit) logic, which automatically searches for the best free frequency available.

The ID code is unique and immune to possible interference in the commands from any other system in the area of use.



dimensions: L170xH81xP74 mm
weight: 400 g



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

Technical data

	MITO ELECTRONICS	E ELECTRONICS		
		E1	E2	E29
ISM band work frequency	868,0125 ÷ 870,000 MHz	433,100 - 434,775 MHz	868,0125 - 870,000 MHz	915 - 928 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 VETTA	E VETTA
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	170x81x74 mm	
Weight	400 g	

Receivers

	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	

Optional accessories:

inox supporting plate



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