



# Vetta

waist-portable radiocontrol



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The compact waist-portable VETTA model is a very robust and reliable remote control with a contained dimension and weight.

It allows you to control from a remote location up to 9 commands, start/stop, including proportional outputs.

Created to serve professional applications, it is also well-suited for civilian requirements, where maximum performance is a must.

The control panel can be customized and is made of material that lasts over time, even with heavy use.

The standard configuration consists of five selectors and emergency mushroom-shaped stop button. On request, in addition to proportional controls, it is possible to have up to 4 LED for feedback signals originating from the radio-controlled system or machine.

The LED "check" lets you know for certain that the receiver is connected and ready to receive commands.

The internal lithium battery lasts up to 50 hours in continuous transmission, with quick recharge and can be replaced.

VETTA has a bi-directional transmitting system with LBT (Listen Before Transmit) which automatically searches for the best free available frequency.

Each receiver can be paired with more than one transmitting unit.

The identifying code is unique and immune to possible interference/activation by any other system in the area of use.

The radio control system, model VETTA, consists of: transmitting and receiving unit, ELCA-CLIP power supply, belt for transmitter and user manual.

scale 1:1



Dimensions: 170x81x74 mm  
Weight: 400 g approx.



MITO-VETTA



E1-VETTA



### Technical Data

|                                   | Mito                    | E1                    |
|-----------------------------------|-------------------------|-----------------------|
| Operating range                   | UHF                     |                       |
| ISM band working frequency        | 868,0125 - 870,9875 MHz | 434,050 ÷ 434,790 MHz |
| Working temperature               | -20 ÷ +55 °C            |                       |
| Transport and storage temperature | -20 ÷ +55 °C            | -40 ÷ +70 °C          |
| Modulation type                   | GFSK                    |                       |
| Operating distance                | 150 m                   |                       |
| Hamming distance                  | ≥10                     | ≥9                    |
| Passive safety stop               | < 1 s                   | < 0,5 s               |
| Active safety stop                | < 0,35 s                | < 0,1 s               |

### Transmitting Unit

|                                   | Mito VETTA                    | E1 VETTA                  |
|-----------------------------------|-------------------------------|---------------------------|
| Antenna                           | internal                      |                           |
| Power supply                      | Lithium battery 3,7V 1.100 mA |                           |
| Transmission consumption          | < 25mA                        | < 30 mA                   |
| Absorbed power                    | < 0,1 W                       | < 0,15 W                  |
| R.F. emission power               | < 5 mW ERP                    | < 10 mW ERP               |
| Flat battery warning notice       | 10 minutes                    | 1 hr. - 5 min. - 100 sec. |
| Charged battery autonomy at 20 °C | approx. 50 hrs.               | up to 20 hrs.             |
| Protection level                  | IP65                          |                           |
| Dimensions                        | 170x81x74 mm                  |                           |
| Weight                            | 400 g approx.                 |                           |

### Receiver

|                                 | Mito MINI                       | E1 MINI      |
|---------------------------------|---------------------------------|--------------|
| Antenna                         | internal or external (opt.)     |              |
| Power Supply                    | 12-30 Vdc or 12-24 Vac          | 12-24 Vac/dc |
| Consumption                     | < 5 W                           | < 9 VA       |
| Max current to the contacts     | 10 A in AC1, 10 A in DC1 at 30V |              |
| Maximum current on STOP circuit | 6.3A                            | 4A           |
| Maximum voltage on contacts     | 230 Vac                         |              |
| Protection level                | IP67                            |              |
| Dimensions                      | 110x165x50 mm                   |              |
| Weight                          | 450 g                           | 500 g        |



ELCA S.r.l.  
Via del Commercio, 7/B - 36065 Mussolente (VI) - ITALY  
Tel. +39 0424 578500 - Fax +39 0424 578520  
info@elcaradio.com - www.elcaradio.com

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