



# PIC and VETTA

radio remote controls for forestry winches







## E1 series

### PIC

PIC is a compact waist belt radio control; PICCOLO (small) and lightweight, robust and reliable, it can be used to control forestry winches remotely via radio, with no need for cables.

The standard configuration consists of 3 lever selectors and a mushroom-shaped emergency stop button (it performs a total of 5 commands, and up to 8 with a second function toggle); alternatively, it is available with a dedicated button for the "wind" function.

The customizable, anti-reflection panel is made from durable materials and remains effective even in particularly heavy applications.

4 LEDs can also be provided to visually signal which commands are active (automatic unwind, enable winding, for one or two winches).

The replaceable internal lithium battery offers a continuous transmission of up to 20 hours. The battery can be charged with the ELCA-CLIP USB cable, which enables portable battery chargers to be used with ease.

The emergency stop circuit meets the requirements for systems where safety performance of up to category 3 PL d, according to EN ISO 13849-1, is called for.



(Test in progress)

## E1 series

### VETTA

VETTA is a professional radio remote control for single and double drum forestry winches. The control panel is clearly visible, and controls the winch functions (wind/ unwind/ maintained unwind) and the tractor functions (engine start/ stop, gas+/, PTO). The emergency stop circuit meets safety performance requirements of up to category 3 PL d, according to EN ISO 13849-1.

It has 4 selectors and a button dedicated to the "wind" function, or 5 selectors, and represents an excellent choice for professionals who wish to have the maximum number of controls available.

The lithium battery that powers the VETTA waist belt radio control offers up to 20 hours of battery life (a week of intensive work) and can be recharged rapidly with the ELCA-CLIP USB cable.

The system is suitable for all kind of winches, including those equipped with a hydraulic release system.

VETTA is compact and lightweight (400g), and is resistant to falls and external elements (IP65). The integrated belt loop is suitable for all types of belts, and enables it to be hung on the steel support designed for this purpose (optional). The kit includes: transmitter, receiver, power supply, belt and cable with 7/13 pole connector.





Radio remote controls  
for single drum forestry winch



PIC

Radio remote controls  
for double drum forestry winch



VETTA



**COMPACT TX**  
125x62x87 mm PIC  
170x74x81 mm VETTA



**N. SELECTORS**  
3 PIC  
5 VETTA



**PUSHBUTTON**  
"Wind" function



**up to 4 LED**  
for feedback



**LIGHTWEIGHT TX**  
350 g PIC  
400 g VETTA



**Up to cat. 3 PL d**  
safety level stop  
(EN ISO 13849-1)



**POTENTIOMETER**  
(option)



**"USER FRIENDLY"**



**COMPACT RX**  
107x165x50 mm MINI



**CHARGING SYSTEM**  
ELCA-CLIP USB



**QUICK RELEASE**  
BELT



**ROBUST**  
CASING

## Receivers E1

### Mini - Flexi

The MINI receiver is lightweight and suitable for small spaces, as well as being resistant to harsh usage conditions; it is available with an internal or external antenna (the latter is optional). Wiring is quick and easy, and it also comes in a ready-wired version with connector. The most complete versions come with the Flexi receiver (135x255x85 mm).



## Accessories

### Belt and Power Supply

The quick-release belt supplied with the transmitter is finished in leather to maintain the portability and comfort characteristics of this radio remote control for the world of forestry. The rear charging socket is well protected, and thanks to the ELCA-CLIP USB, it can also be used with power banks.



Belt



ELCA-CLIP USB



Power Supply

## E1 Series

# TECHNICAL DATA

### General

Frequency band	434,050 ÷ 434,790 MHz
Modulation	GFSK
Hamming distance	> = 10
Work (transport) temperature	-20 +55 °C
Operating distance	150 m
Passive Stop	< 0,5 sec
Active Stop	< 0,1 sec



**E1 PIC**



**E1 VETTA**

### Transmitters

Number of functions	up to 5	up to 8
Power supply	Lithium Battery 3,7 V, 1.100 mA	Lithium Battery 3,7 V, 1.100 mA
Transmission consumption	< 45 mA	< 45 mA
Autonomy	up to 20 hrs	up to 20 hrs
Protection level	IP65	IP65
Dimensions	125x62x87 mm	170x74x81 mm
Weight	350 g	400 g



**E1 MINI**



**E1 FLEXI SW**

### Receivers

Power supply	12-24 Vac/dc	12-24 Vdc
Absorbed power	< 6 W	< 15 W
Protection level	IP67	IP65
NO contacts	max. 8 channels + Start + Stop + Safety	up to 24
Max voltage to the contacts	30 Vdc	30 Vdc
Max current to the contacts	4 A Stop, 4 A Safety, 10 A in AC1 the remaining outputs	4 A Stop, 4 A Safety, 10 A in DC1 the remaining outputs
Dimensions	107x165x50 mm	135x255x85 mm
Weight	450 g	1600 g



**ELCA srl**  
 Via del Commercio, 7b  
 36065 Mussolente (Vicenza) - ITALY  
 Tel. +39 0424578500 - Fax +39 0424578520  
 info@elcaradio.com - www.elcaradio.com



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