

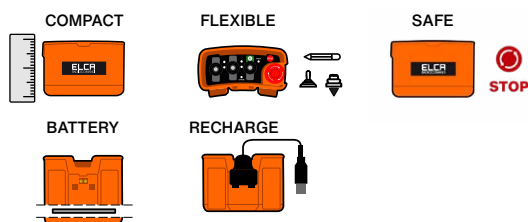


PIC and VETTA

forestry winches
radio controls

ELCA
RADIOCONTROLS

E PIC



COMPACT

PIC is the SMALLEST ELCA waist radio control; it can be used to control forestry winches remotely; 5 controls or up to 8 as a second function; worn around the waist; it does not hinder movement, and it is light, robust and reliable.

FLEXIBLE

All the controls are "on top", clearly visible and clearly described; 360° protection edge to prevent accidental activation. "Wind" control available with dedicated button or with toggle selector. LEDs to signal active commands: Press and hold "Unwind" function, and selector-enabled "Wind" function.

SAFE

The emergency mushroom Stop meets the requirements for systems with safety performance up to category 3 PL d EN ISO 13849-1.

POWER SUPPLY AND CHARGING

Internal replaceable lithium battery, lasting up to 20 hours in continuous transmission mode. USB charging cable with ELCA-CLIP, compatible with "Power Bank".

COMPACT

VETTA, belt radio control system for up to 9 controls, to move in the woods without obstacles. Lightweight (400 g), it resists falls and external agents (IP65). It is supplied with quick release belt and can be applied to all winches, even with hydraulic release.

FLEXIBLE

All controls are on top, clearly visible and spaced out, protected by the 360° perimeter edge. It includes all winch and tractor functions: Wind (button or selector), Unwind, press and hold Wind function, Motor Start/Stop, Gas+/-, Power Take-Off.

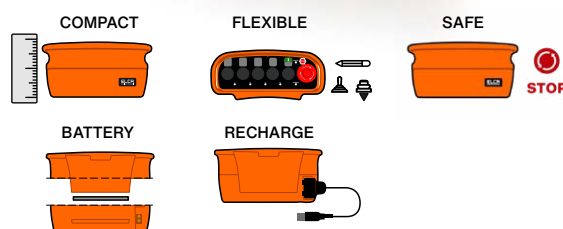
SAFE

The emergency mushroom Stop meets the requirements for systems with safety performance up to category 3 PL d EN ISO 13849-1.

POWER AND BATTERY

Internal replaceable lithium battery, lasting up to 20 hours in continuous transmission mode. USB charging cable with ELCA-CLIP; compatible with "Power Bank".

E VETTA



Accessories

Supplied:

The quick release belt is supplied with the radio control and with a leather finish, which enhances its portability and comfort. The ELCA-CLIP charging cable with USB socket connects directly to the PIC/VETTA transmitter unit and ensures a stable, fast and flexible charging, since it can be connected to different power sources (car, PC, power bank).

Optional: stainless steel bracket for VETTA transmitter





	E1	E2	E29
Working frequency USM band	433,100 - 434,775 MHz	868,0125 - 870,000 MHz	915 - 928 MHz
Transmission mode	LBT / FHSS	FHSS	FHSS
Hamming distance	> = 10		
Operating temperatur	-20 +60 °C		
Operating range	150 m		
Passive Stop time	< 0,5 sec		
Active Stop Time	< 0,1 sec		



Transmitters

E PIC

E VETTA

Power supply	Lithium polymer battery 3.7V	Lithium polymer battery 3.7V
Transmission consumption	< 45 mA	< 45 mA
Battery life	up to 20 hours	up to 20 hours
Number of functions	up to 5	up to 8
Protection degree	IP65	IP65
Dimensions	125x87x70 mm	170x81x74 mm
Weight	350 g	400 g



Receivers

AR E MINI SW

AR E MIDI SW

AR E FLEXI SW

Power supply	12-24 Vdc	12-24 Vdc	12-24 Vdc
Transmission consumption	< 6 W	< 15 W	< 15 W
Protection degree	IP65	IP65	IP65
Max voltage applicable to contacts	30 Vdc	30 Vdc	30 Vdc
Max current on outputs	4 A Stop, 4 A Safety, 10 A in AC1 the remaining outputs	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	110x165x50 mm	152x152x75 mm	133x256x88 mm
Weight	450 g	550 g	1600 g
No. of available controls	up to: - 8 digital - CanOpen - 4 digital feedback inputs	up to: 12 digital	up to: - 16/24 digital - 16 digital + 6 proportional - optional expansion board CanOpen, EtherNet/IP communication, PROFINET, PROFIBUS - 4 digital feedback inputs



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Applications

PIC and VETTA

PIC

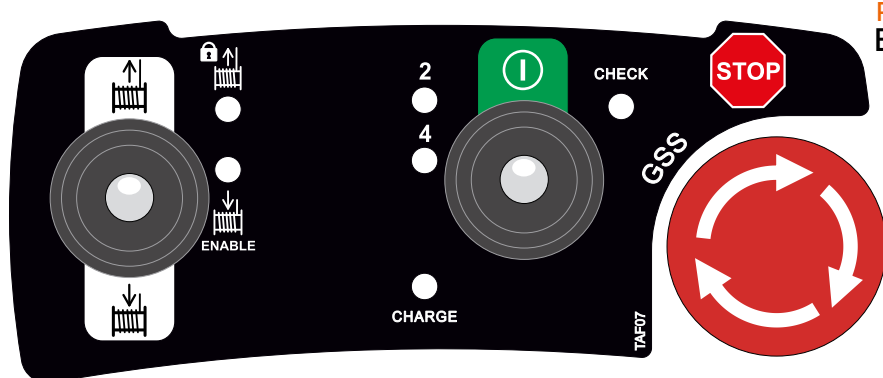


VETTA

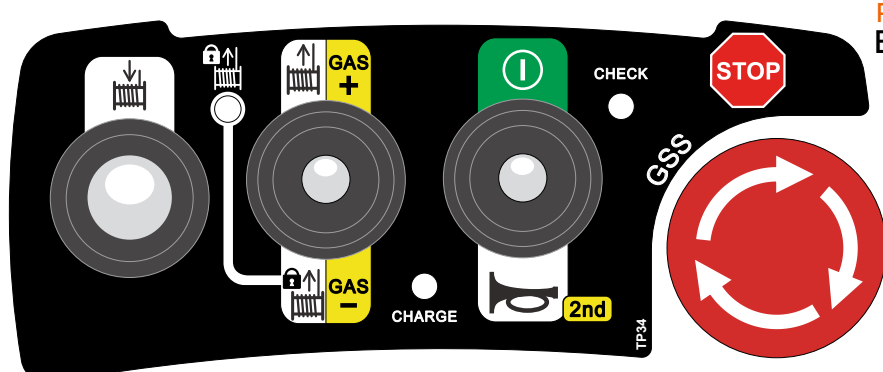


STOP Cat 3 PL d
EN ISO 15049-1

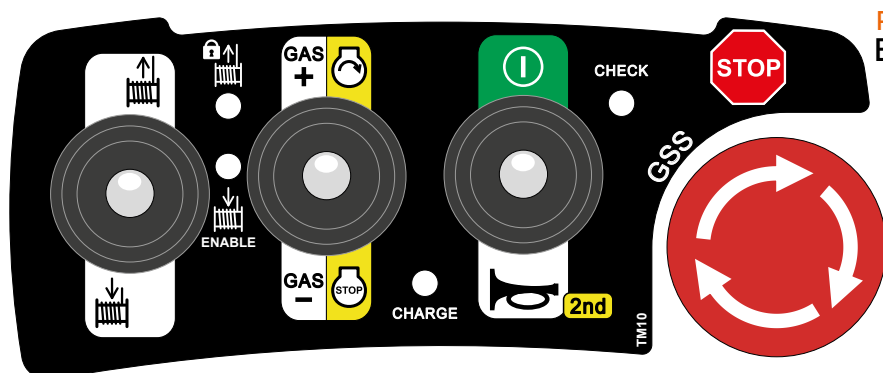
LED: CHECK CHANGE	LED AUX	CARDAN: DIGITAL	ENGINE: START / STOP	PROPORTIONAL COMMAND (AVALAGE or PWM)	ENGINE: ACCEL RATE DECEL RATE	WINCH 2: WIND UNWIND	WINCH 1: WIND UNWIND
	CHECK CHANGE 		START STOP	+ -	GAS +/-	2 WIND UNWIND	1 WIND UNWIND



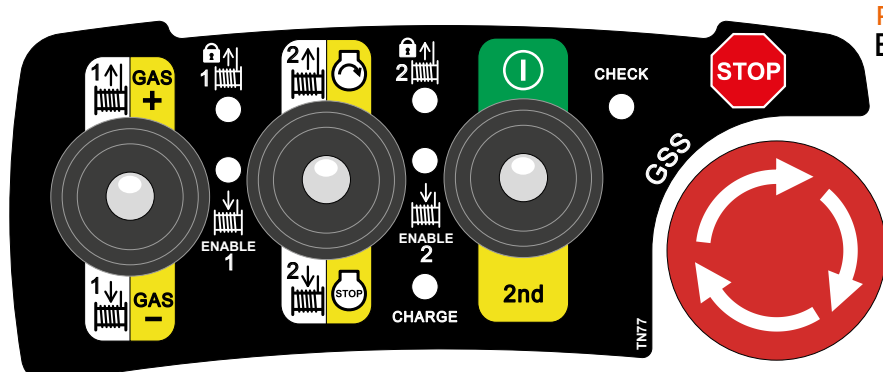
PIC
E1PFF1AFXXE02



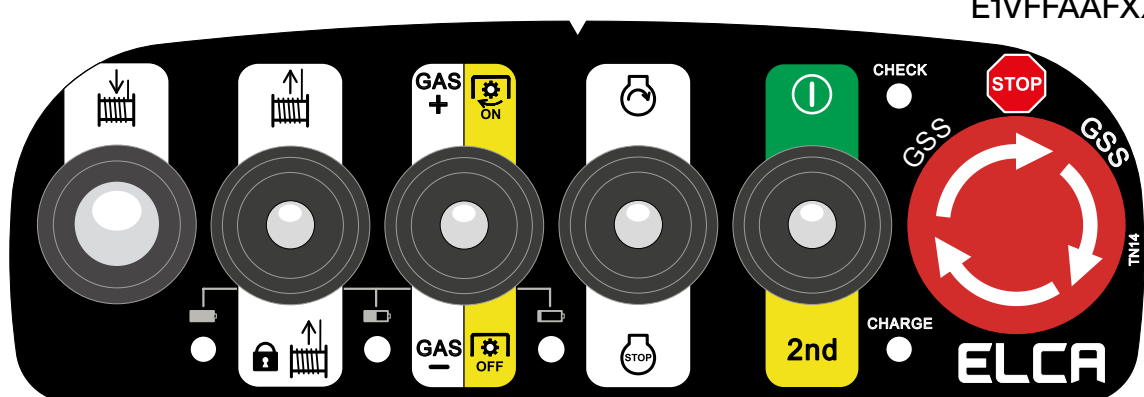
PIC
E1PFFAAFXXE09



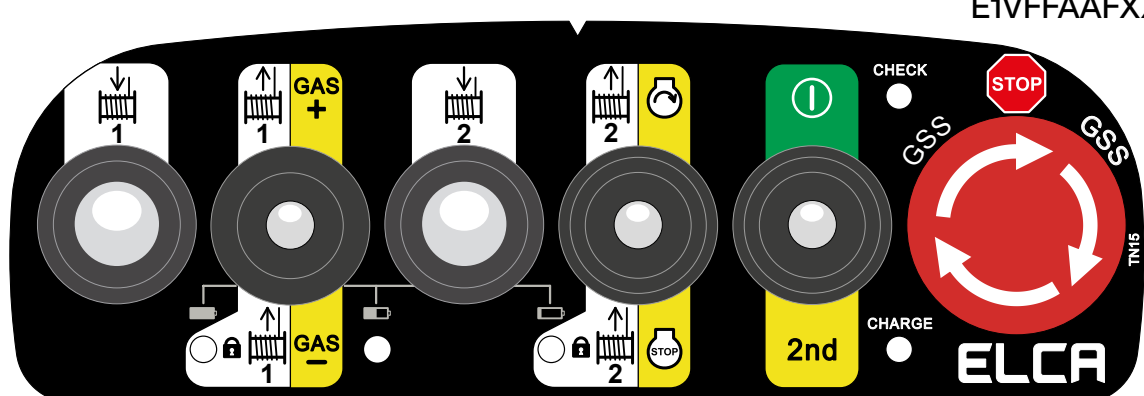
PIC
E1PFFAAFXXE01



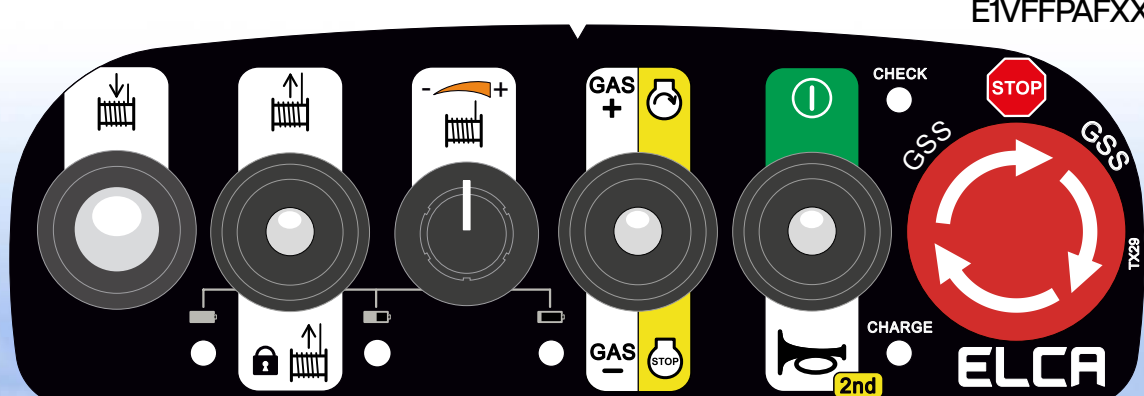
PIC
E1PFFAAFXXE02



VETTA
E1VFFAAFXXE01



VETTA
E1VFFAAFXXE03



VETTA
E1VFFPAFXXE03

[illegible]

TAILOR-MADE

ELCA products can be customised according to our customers' preferences (operating logic, control plates, brand, colour, etc.).