

# LoRa™ transmitter

4 CHANNEL REMOTE CONTROL

## XTR-8LR-4ZN

P.N. 650201429G

### DESCRIZIONE

Trasmittitore half-duplex con tecnica di modulazione LoRa™ in grado di garantire comunicazioni a lunghissima distanza, elevata immunità alle interferenze, elevata sensibilità e ridotti consumi energetici.

XTR-8LR-4ZN è un telecomando con comunicazione criptata che abbinato al XTR-8LR-DEC permette di attivare carichi remoti, offrendo all'utente molteplici soluzioni e flessibilità alle problematiche riscontrabili sul campo.

La comunicazione bidirezionale permette di conoscere lo stato dell'uscita attivata.

### DESCRIPTION

Half duplex transmitter based on LoRa™ modulation technique providing an ultra long range radio communication, high interference immunity, high sensitivity and very low power consumption.

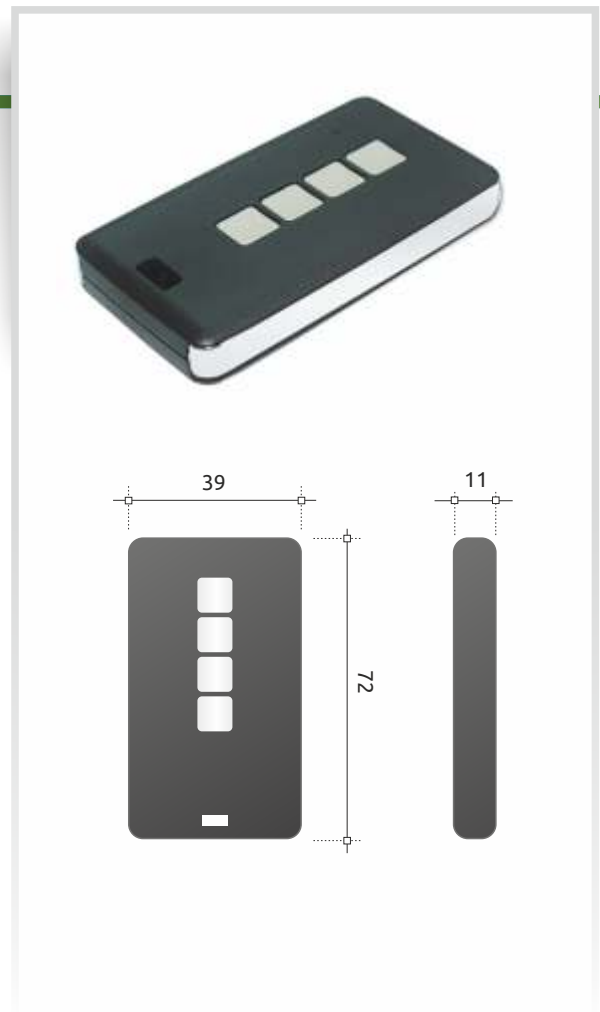
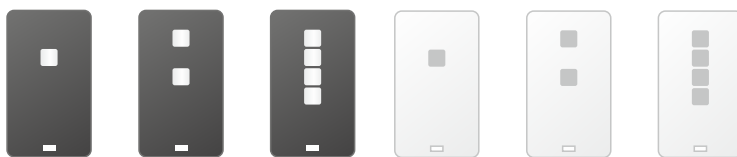
XTR-8LR-4ZN is a keyfob with encrypted communication that combined with the XTR-8LR-DEC is used to activate remote loads, offering the user a variety of solutions and flexibility to the problems encountered in the field.

Two-way communication allows to know the state of the activated output.



### AVAILABLE MODELS

- 1/2/4 channels
- Black or white enclosure
- Plastic or chromed frame
- Proprietary manufacturer code



Information subject to change without notice

### APPLICATIONS

- Home security
- Access control
- Burglar alarms
- Car alarms

### TECHNICAL SPECIFICATION

Ta = 25 °C

CHARACTERISTICS	CARATTERISTICHE	MIN	TYP	MAX	UNIT
Battery supply	Alimentazione con batteria	2.3	3		V
Battery lithium CR2032	Batteria Litio CR2032				
Supply current (PWDN mode)	Corrente assorbita (PWDN mode)		<1		µA
Supply current (TX mode @14dBm)	Corrente assorbita (TX mode @14dBm)		35		mA
Supply current (RX mode)	Corrente assorbita (RXmode)		16		mA
Modulation type	Tipo di modulazione		LoRa™		
RX sensitivity (BW 125KHz - SF8)	Sensibilità RX (BW 125KHz - SF8)		-122		dBm
RF output power (ERP)	Potenza RF (ERP)		10		mW
Outdoor range	Portata esterna			8	Km
Frequency band	Banda di frequenza		868.30		MHz
Operating temperature range	Temperatura di lavoro	-20		+70	°C



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