Radio products/

Long range radio link, low power consumption

MARCONI 2.0

NEW

MADE IN ITALY

Guglielmo Marconi was an Italian inventor and electrical engineer known for his pioneering work on long-distance radio transmission and for his development of Marconi's law and a radio telegraph system.
He is usually credited as the inventor of radio, and he shared the 1909 Nobel Prize in recognition of his contributions to the development of wireless telegraphy.

MARCONI

Radio Link

LINK-T2
TRANSMITTER
(encoder 2 CH)

up to 5 Km
bidirectional
transmission

LINK-R2
RECEIVER
(decoder 2 CH)

up to 1 Km
bidirectional
transmission

REMOTE CONTROL
T6

Particularly recommended for:
irrigation systems, gates, alarms, lights

Long range radio link, low power consumption

The half-duplex radio link **MARCONI** is used for the remote control of gates, lights, alarms, irrigation systems, etc. It guarantees very long communications distance, high sensitivity, reduced energy consumption and high immunity to interference. It works thanks to the combination of LINK-T2 and LINK-R2.
LINK-T2 is a transmitter with encrypted communication capable of driving the LINK R2 receiver. This system allows to activate remote loads and it is **perfect for long distance applications of activation and control**, for example irrigation and alarm systems.
Cyclic reception also allows to get a consumption lower than 1mA, enabling also the usage in applications with battery supply.

The LoRa technology allows long range transmissions thanks to its point-to-point wireless communications system

BI-DIRECTIONAL

This bi-directional communication makes it possible for the transmitter to know the status of the activated output. The transmitter LINK-T2 (fixed, to be powered) allows up to 5 Km of bi-directional transmission whilst T6 (portable) up to 1 Km.

TECHNICAL DATA

Voltage: 10÷33 Vdc / 9÷24 Vac
Average consumption at rest with all the contacts open:
decoder = 9,5 mA
Maximum consumption (Tx RF) with all the contacts open:
encoder = 22÷30 mA / decoder = 55 mA
Max relay contacts power: 5A@24VDC / 0,25A@240VAC
Frequency: 868,525 MHz
RF power: decoder = 19÷22 dBm / encoder = 19÷22 dBm
Modulation: LORA™
Operating temperature: -20°C, +70°c
Dimensions: 77 mm x 42 mm x 18 mm
Receiver's memory: up to 100 encoders (transmitters)
Configuration of the outputs: Impulsive, bi-stable, timer

APE - 519 / 0325

LINK-T2
2-Channels transmitter with EXTERNAL ANTENNA

APE - 519 / 0320

LINK-R2
2-Channels receiver with ANTENNA

APE - 519 / 0322

T6
6-Channels remote control for LINK-R2

Products compliant with CE limits, certificates