12 Channel 868Mhz radio control

The Radio Control TRX12 is a 12-channel device that allows the transmission of digital signals at the press of a button on the frequency of 868 Mhz. Each remote control is equipped with an emergency stop that protects the whole system in case of a malfunction or in case of danger. Also in the lower part of the remote control is located the pin for the power of the internal battery charger to 12/24Vdc for charging. Inside there is a dip switch to four channels Fig.1 in which you can only enable the keys to use. In order to adjust the combination of the switches in the most appropriate way, you can refer to Table Radio Control Programming and illustrative drawing in Figure 1.

CARATTERISTICHE TECNICHE:

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POWER:...................................................da 8V @ 30V
CONSUMPTION::..............................300mA a 400mA
FREQUENCY:.................................................868MHZ ..
DISTANCE: 200m.......................................... ....1,000 m

POWER OUTPUT: ..................................... 25mW (14dBm)
                                                 500mW (27dBm))
SERIAL DATA: ............................................ 115.2 Kbps
RADIO DATA: ............................. 9.6 Kbps to 115.2 Kbps
SENSITIVITY: ............................. (CER <10 - ³)-109dBm
CONSUMPTION RX: 26mA ......................................
CONSUMPTION TX:................................................ 45mA
CHANNELS: .......................................................... 2-60
MODULATION: ....................................................... GFSK
METHODS:………………………….. point to point, start network
RESOLUTION  :.......................................................10 Bit
TOLERANCE :..........................................................+/-2%
TEMPERATURE RANGE:.............................-40°C ÷ +85°C
BATTERY CHARGER:..............................................interno
CHARGING TIME:..........................................da 4h @ 6h
BATTERY LIFE CONTINUED USE……………………………...5h
BATTERY LIFE STAND-BY………………..……… da 8h @ 10h
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PRODUCT COMPLIANCE WITH EUROPEAN DIRECTIVE 2002/95/EC
RHOS 2002/95/CE
CE Certification
Were assembled with components conforming to the requirements of the EC directive R-TTE Directive 99/5/EC
Identification of the products used: RTL - DATA-SAW 868

Codice Articolo: F00179-0000-868 25mW Transmitter 868 MHz 12 channels
Codice Articolo: F00179-5000-868 Transmitter 868 Mhz 500mW 12 channels

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Table radio programming

Fig. 1

SW1	SW2	SW3	SW4	TASTI
0	0	0	0	1, 2, 3, 4, 5, 6
0	0	0	1	2, 3
0	0	1	0	4
0	0	1	1	1, 2, 3
0	1	0	0	2
0	1	0	1	4, 5
0	1	1	0	0
0	1	1	1	3, 4, 5
1	0	0	0	1
1	0	0	1	3, 4
1	0	1	0	6
1	0	1	1	2, 3, 4
1	1	0	0	3
1	1	0	1	5, 6
1	1	1	0	1, 2
1	1	1	1	4, 5, 6

The company assumes no responsibility for any errors that may appear in this document and reserves the right to change the descriptions and data without prior notice.

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