

IS50 Rev06 18/11/2019

H93/RX22A/I - H93/RX20/I R93/RX12A/I - R93/RX12A/U

Ricevitori Radio Radio Receiver

Istruzioni originali



- IT - Istruzioni ed avvertenze per l'installatore**
- EN - Instruction and warnings for the installer**
- DE - Anleitungen und Hinweise für den Installateur**
- FR - Instructions et avertissements pour l'installateur**
- ES - Instrucciones y advertencias para el instalador**
- PT - Instruções e avisos para o instalador**

H93/RX20/I

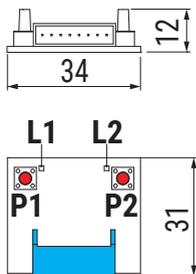


Fig. 1

H93/RX22A/I

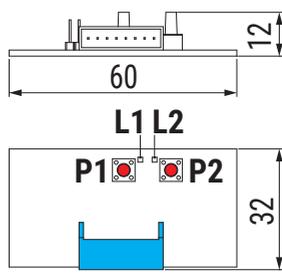


Fig. 2

R93/RX12A/U

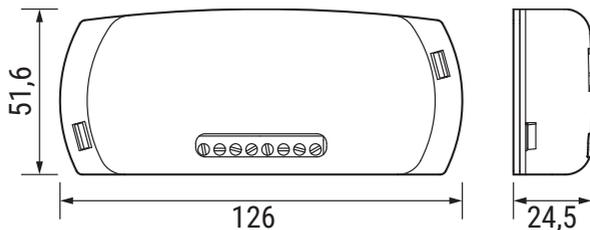


Fig. 3

R93/RX12A/U

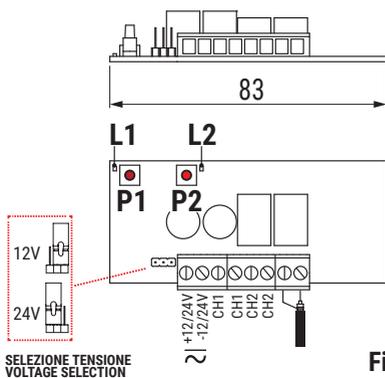


Fig. 4

R93/RX12A/I

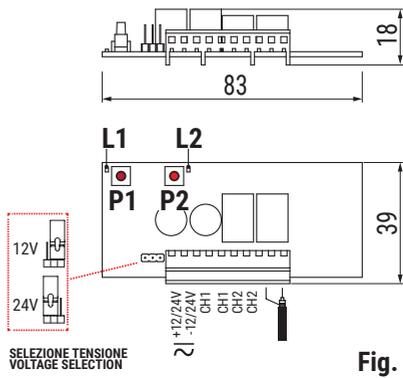


Fig. 5

ESEMPIO - EXAMPLE

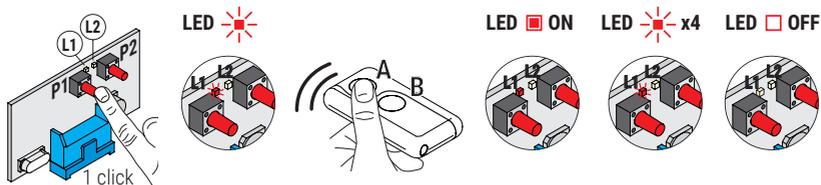


Fig. 6

1 WARNINGS!

This installation manual is intended for qualified personnel only. ROGER TECHNOLOGY cannot be held responsible for any damage or injury due to improper use or any use other than the intended usage indicated in this manual. Before installing the product, make sure it is in perfect condition: In case of doubts, do not use the product and refer exclusively to professionally qualified personnel.

The **R93/RX12A/U** radio receiver must be powered by a class 1 source (ES1 - safety extra-low voltage SELV). The source must be of limited power with adequate protection against overcurrents and short circuit (PS1). Use a 50mA delayed acting fuse to protect the device (T50mA).

2 Technical specifications

	H93/RX20/I	H93/RX22A/I	R93/RX12A/I R93/RX12/U
POWER SUPPLY	5V	5V	12/24
CONSUMPTION	15 mA	15 mA	30 mA
NUMBER OF OUTPUTS	2		
TYPE OF OUTPUTS	OPEN COLLECTOR		RELAY
TYPE OF DECODING	FIXED CODE		
NUMBER OF COMBINATION CODES	65.536		
RELAY MAXIMUM CURRENT AND VOLTAGE	/		0,5A 24V
NUMBER OF CODES THAT CAN BE STORED	50	500	
RECEPTION FREQUENCY	433.92 MHz		
MODULATION	AM/ASK		
SENSITIVITY	-107dBm		
INPUT IMPEDANCE	50Ω		
ANTENNA CONNECTION	RG58 Cable (max length 10m) Avoid cables with joints		
OPERATING TEMPERATURE			
DIMENSIONS (mm)	34x31x12	61x32x12	R93/RX12A/I 83x39x18 R93/RX12A/U 126x52x25

3 Description of Series H93 radio receiver

Series H93 receivers (fig. 1-2) must be inserted in the plug-in connector arranged on the ROGER central units.

The Series H93 receivers have two channels (P1 / P2) with open collector output. Setting the function of the channel/channels of parameters 76 and 77 of the ROGER control central units.

IMPORTANT: When the Series H93 receiver is installed on the control units for garage doors H70/10CC and H70/14CC, only channel 2 (P2) is enabled with the step by step function.

4 Description of the Series R93 radio receiver

The Series R93 receivers (fig. 3-4-5) are equipped with two channels (P1 / P2) with normally open relay output.

IMPORTANT: When receiver R93/RX12/I is installed on the ROGER control units, channel 1 (P1) is enabled for the step-by-step function. Channel 2 (P2) can be connected and configured at will (clamps CH2).

5 Storing a remote control key in the receiver (Fig.6)

1. Insert/connect the receiver to the control unit
2. Switch the controller unit on.
3. Press P1 or P2 once (depending on the function to be enabled) on the receiver.
4. When LED L1 or LED L2 on the receiver flashes slowly, press the key on the transmitter where the function is to be stored.
5. When LED L1 or L2 remains on for 1 second, the transmitter has been stored.
6. LED L1 or L2 flashes slowly again and other transmitters can be stored during this time.
7. Quitting the procedure is done automatically if no further transmitters are

stored.

NOTE:

- During the storing stage, should LED L1 or L2 fail to switch on or should some fast flashing occur, it means that the transmitter was already saved on the other channel.
- It is impossible to store the same key of the transmitter on both channels of the receiver.
- During the storing stage, should LED L1 and L2 flash rapidly for 4 s, it means that the memory is full.

6 Receiving a code

When the receiver radio receives a stored code, LED L1 or L2 switches on and the configured output gets activated.

Should the code not have been stored, LED L1 and L2 switch on briefly.

7 Cancellation of a code

1. Press for 4 seconds button P1 or P2 on the receiver relative to the channel on which the code of the transmitter is to be cancelled. LED L1 or L2 switches on permanently to then flash rapidly.
2. Release button P1 or P2. LED L1 or L2 flashes rapidly for 4 s.
3. Press the button of the transmitter to be cancelled.
4. The LED L1 or L2 lights for 1 s.
5. The code was cancelled.
6. To cancel another code, repeat the procedure.

NOTE:

- If the code was not stored, LED L1 or L2 flashes rapidly.

8 Complete memory erasure

1. Press simultaneously buttons P1 and P2 for 4 seconds on the receiver.
2. LED L1 and L2 flash simultaneously (5 flashes).
3. The memory is erased

NOTE. It is suggested that a total erasure of the memory gets carried out at first switch-on.

9 Anomalies alert

- If LED L1 or L2 flashes rapidly and continuously, it means that the memory is damaged. The receiver cannot operate.

10 Disposal



This product may only be uninstalled by qualified technical personnel, following suitable procedures for removing the product correctly and safely.

This product consists of numerous different materials. Some of these materials may be recycled, while others must be disposed of correctly at the specific recycling or waste management facilities indicated by local legislation applicable for this category of product.

Do not dispose of this product as domestic refuse.

Observe local legislation for differentiated refuse collection, or hand the product over to the vendor when purchasing an equivalent new product.

Local legislation may envisage severe fines for the incorrect disposal of this product. Warning! some parts of this product may contain substances that are harmful to the environment or dangerous and which may cause damage to the environment or health risks if disposed of incorrectly.

11 Declaration of Conformity

The undersigned, representing the following manufacturer
Roger Technology - Via Botticelli 8, 31021 Mogliano V.to (TV)
hereby DECLARE that the appliance described hereafter:

Description: Radio Receiver

Model: **Serie H93 / R93**

Is in conformity with the legislative provisions that transpose the following directives:

- 2014/53/EU RED Directive;
- 2011/65/EU RoHS Directive;
- 2015/863/UE - Direttiva RoHS 3;

and that all the standards and/or technical requirements indicated as follows have been applied:

- EN 300 220-1 V3.1.1;
- EN 300 220-2 V3.2.1;
- EN 301 489-1 V2.2.1;
- EN 301 489-3 V2.1.1;

EN 62368-1:2014+A11:2017+AC:2017

Place: Mogliano V.to
Date: 25/02/2019

Signature