

## ***MULTI - FUNCTION REMOTE CONTROL RECEIVER MODEL 84RC***

The four-channel remote control receiver, Model 84RC, has especially been designed for many purposes such as:

- \* ***Arming, disarming and panic function for security systems.***
- \* ***Locking and unlocking central locking in vehicles.***
- \* ***Controlling electrical equipment such as garage doors, lights, bells, cranes, etc.***

### ***FEATURES***

#### **ROLLING-CODE REMOTE CONTROLS**

This computerized receiver operates with rolling code remote controls. The remote controls of the unit can not be copied and duplicated.

#### **FOUR CHANNEL REMOTE CONTROL**

The transmitter has 4 buttons, which can control 4 different channels in the receiver. Each channel in the receiver has an internal relay that controls the external equipment used.

#### **MULTI FUNCTION RECEIVER**

Each channel relay can have one of the two operating functions as below:

**1. When the jumper is OUT : Latch Function;**

By pressing one of the remote control buttons, the receiver will change the status of the relay of the channel being pressed from Normally Open (N.O.) to Normally Closed (N.C.).  
By pressing the same button again, the receiver will change the status of the relay from N.C. to N.O.

**2. When the jumper is IN: Pulsed Function;**

Whenever the button on the remote control is pressed, the relay will change its status from N.O. to N.C. and hold this position for a period of two seconds.

*For each of the four channels, the jumpers inside the receiver can choose one function out of the two above according to your needs.*

### **TECHNICAL FEATURES**

#### **Receiver specifications:**

Operating radio frequency	: 433.92MHz.
Operating voltage	: 12DC.
Current consumption	: 5mA on standby, depending on operating voltage.
Relay contact ratings	: 5A / 12V DC ; 2A / 30V AC.
Type of receiver	: Micro-controlled.
Functions of operation	: Latch, momentary or Pulse Function ( pulse of 1.25 Sec.)
Type of coding	: Rolling code.

#### **Remote control specifications:**

Operating range	: 150m. (Open air)
Battery type	: GP Battery, type 23A.

### **NOTE**

**The remote controls are not programmed into the receiver and need to be programmed according to your needs.**

# OWNER'S MANUAL

## ERASING THE REMOTE CONTROLS FROM THE RECEIVER'S MEMORY

For erasing the remote controls from the receiver's memory, disconnect the power and then remove the "Clear" jumper in the receiver. Reconnect the power to the receiver and return the jumper to its place.

## CODE LEARNING TYPE RECEIVER

Each of the TR-4RC remote controls transmits a different code.

The receiver can learn up to 15 different codes ( remote controls ).

### How to teach the receiver a new remote control:

1. Remove the “clear” jumper in the receiver.
2. Press and release one of the remote control’s button that you wish to program into the receiver’s memory. A “CLICK” sound will be heard by one of the relays, to indicate that the remote control has been programmed into the receiver’s memory.
3. You can program up to 15 remote controls one after the other.
4. Return the “clear” jumper to its place after you finish programming all the remote controls needed.

