

# SENTRY

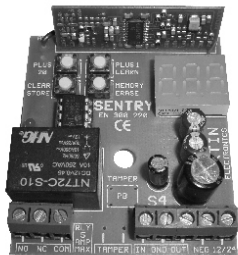
REMOTE CONTROL

## 433MHz SINGLE CHANNEL, 1000 USER RECEIVER

The **SENTRY 433MHz SINGLE CHANNEL, 1000 USER** receiver is a matching single channel receiver module for code-hopping remote controls. It provides a 5 AMP rated relay contact (dry) suitable for most applications. It also provides a data output suitable for PC logging software and compatible with the **SENTRY™ RXE1** large format display module.

### SPECIFICATIONS:

Power Source: 12 - 24V AC/DC  
Memory: 999 individual buttons max.  
Frequency: 433.92MHz  
Receiver Type: Superheterodyne  
Physical Size: 90 x 66.5 x 30mm  
Weight: 70g  
Storage Temp: -10°C to +55°C  
Operating Temp: 0°C to 40°C  
Operating Humidity: <80%

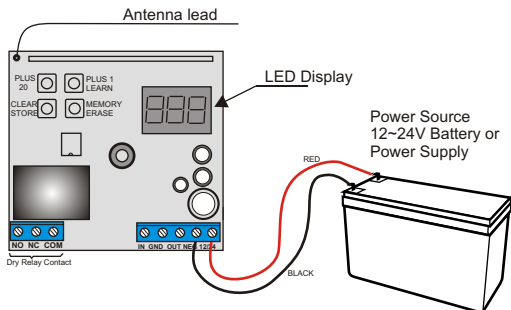


### Type Approvals



Model Number: RX1D

### HOW TO CONNECT RECEIVER



### PROGRAMMING THE RECEIVER

#### To Enter Programming Mode:

- Press **[PLUS 1/LEARN]** button. The display will display the caption “Pro” and then shortly after that it will display a zero.

#### To Select a Desired channel number for a given remote

The desired channel number is scrolled to by using the **[PLUS 1/LEARN]** and **[PLUS 20]** buttons.

- To increment the channel number by 1, press **[PLUS 1/LEARN]**
- To increment the channel number by 20, press **[PLUS 20]**

If the channel is occupied, the display will flash with the number you selected, if steady, the channel is free for use.

#### To learn the transmitter

- With the desired channel number on the display, which has been entered as described above, press the **[CLEAR/STORE]** button. The display will display the caption “...”
- Now operate the transmitter you wish to learn, at least 1 metre away from the receiver.
- If learnt successfully, the display will show the caption “Sto” for a brief moment, then it will display the current channel number, which will flash, as it is now occupied.

#### To cancel a learn operation

If it is necessary to undo the learn operation you just performed:

- With the current channel number flashing, which is the case directly after a learn procedure, press the **[CLEAR/STORE]** button, followed by the **[LEARN/ERASE]** button. This will erase the stored data in memory.

#### To delete the contents of a channel

Use this procedure when entering Programming Mode from scratch:

- After having entered Program Mode (as described above), select the channel number (as described above). Once you have made your selection, press **[MEMORY/ERASE]**. The display will display the caption “Er”, followed by the current channel number.

#### To exit the Programming Mode

There are two ways to do this:

- Quick Method: Disconnect and then reconnect the power to the receiver
- Long Method: Press the **[PLUS 20]** button continuously until the display scrolls past 999

### USING THE DATA INTERFACE

This receiver features a RS-232 port which is intended for interfacing with:

- A Windows PC, with the **SENTRY™** logging software installed
- The **SENTRY™ RXE1** Large Format Display, which provides a large LED display extension of the channel number displayed on the seven segment display on this product.

For wiring details in these cases, please refer to the product manuals for the above-mentioned products.

Manufactured By:  
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Ref: manual\_rx\_433\_1000ch.cdr