

NX304/NX304 OP REMOTE ARMING KITS OPERATION

Overview

The NX304 series of UHF remote control receivers are designed to provide flexible options for the installer, with 2 different versions available.

The NX304 connects directly to the NX BUSS. Three operations are available with the supplied 2 button transmitters. Pressing the LARGE button will FULL ARM the panel, the next press of EITHER button will DISARM the panel. Pressing the SMALL button from the disarmed state will PARTIAL ARM the panel. Pressing either button from this state will DISARM.

NB PARTIAL mode can be disarmed when in alarm from this remote.

Pressing both buttons at once will initiate a PANIC. Pressing either button after a panic will silence the alarm.

The NX304 OP connects directly to the NX BUSS and performs as above but the user has 2 relay outputs available as well. This model is supplied with 2 (4 button) transmitters.

All receivers are code learning thus making the addition of transmitters a simple task.

Maximum number of transmitters = 4

The receivers also feature an invalid signal lockout. This is designed to provide some security against randomly transmitted signals and works by ignoring ALL SIGNALS for a period of 10 SECONDS if a transmission received meets the timing criteria of the MCU but is not stored in the EEPROM. During lockout the LED on the receiver will flash continuously.

Kits are supplied with 2 transmitters which have already been learned to the receiver during testing.

To LEARN transmitters put link J3 on the centre and "L" pins and press any button on the remote to be learned. The LED will light during transmission then FLASH out the transmitter number (1 to 4). This flashing out of the transmitter number also occurs during normal operation.

If you try to learn a FIFTH transmitter the LED will light during transmission but NO FLASHES will occur at the end of transmission.

When you have finished LEARNING transmitters remove the link on J3.

To DELETE ALL transmitters put link J3 on centre and "D" pins, remove power then reapply power. LED will flash briefly. EEPROM is now empty. Remove J3.

NX304 SPECIFICATIONS

Operating Frequency - 434mhz

Current Consumption - Standby 8mA
- Maximum 11mA

Wiring

RED	-	+12VDC
BLACK	-	Common Ground
GREEN	-	KP Data on NX Series Panel

NX304. OP SPECIFICATIONS

Operating Frequency - 434mhz

Current Consumption - Standby 10mA
- Maximum 45mA (both relays activated)
Relay Contacts - 1 Amp continuous MAX.

Each of the 2 Relays may operate momentary or toggle.
The relay operation is controlled by J1 and J2.

J1 controls the DOOR relay Button 3 with the jumper in place the relay will toggle (change state) with each transmission. With the jumper OUT the relay will change state for the time that the button is held ON.

J2 controls the AUX relay Button 4

Wiring

RED	-	+12VDC
BLACK	-	Common Ground
GREEN	-	KP Data on NX Series Panel
BLUE	-	Common Button 3
BROWN	-	NC Button 3 DOOR
GREY	-	NO Button 3
WHITE	-	Common Button 4
ORANGE	-	NC Button 4 AUX
YELLOW	-	NO Button 4

General

Do not cut the ANTENNA WIRE and keep clear of METAL structures as much as possible as this will affect the range achieved. Mounting the receiver inside a metal enclosure such as the NX panel is not recommended, if it must be then ensure the aerial protrudes from the case.

Designed & Manufactured
in
Australia
for
DIRECT ALARM SUPPLIES