

NX304 SERIES REMOTE ARMING KIT (HCR-NX V3) FS3131 & FS3132

The NX304 series of UHF remote control receivers are designed to provide flexible options for the installer with 2 different versions available. This new version features code hopping which greatly improves security.

NX304RC (FS3131) 2 button

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 and beep the siren 1 time. The next press of EITHER button will disarm the panel and beep the siren 2 times.

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 for 2 seconds will initiate a PANIC alarm. Pressing either button after a panic will silence the alarm.

LEARNING & DELETING TRANSMITTERS

Both NX304 receivers are **code learning** thus making the addition of transmitters a simple task. Kits are supplied with 2 transmitters which have already been learn't to the receiver during testing. The maximum number of transmitters allowed on either receiver is 4.

To **LEARN** transmitters Press the Learn/Delete switch (D) once. The LED will flash rapidly. Now press any button, the LED will stop flashing and stay lit whilst the button on the transmitter is held 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 press the switch again briefly. The LED will extinguish. NB: If you forget to exit learn mode then the receiver will do so automatically after 20 seconds of no transmissions.

To **DELETE ALL** transmitters HOLD DOWN the on board switch. The LED will light and then extinguish after approximately 5 seconds. EEPROM is now empty.

NX304RC OP (FS3132) 4 Button

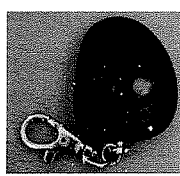
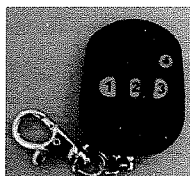
The NX304 OP connects directly to the NX BUSS and performs as above but the user has 2 relay outputs available as well. This model is supplied with 4 button transmitters. Button 3 controls Relay 1, Button 4 controls Relay 2.

LEARNING 4 BUTTON TRANSMITTERS

The button pressed on the **FIRST** 4 button transmitter learn't determines how the RELAYS work.

Learning with BUTTON 1	=	Both Relays operate momentary
BUTTON 2	=	Relay 1 will Toggle
	=	Relay 2 will operate momentary
BUTTON 3	=	Relay 1 will operate momentary
	=	Relay 2 will Toggle
BUTTON 4	=	Both Relays will Toggle

* the **default is MOMENTARY** for both relays. To change this you must delete all transmitters and re-learn.



NX 304 SPECIFICATIONS

Operating Frequency	-	434mhz
Current Consumption	-	Standby 6mA
	-	Maximum 9mA

Wiring

Red	-	+12VDC
Black	-	Common Ground
Green	-	KP data on NX panel

NX 304 OP SPECIFICATIONS

Operating Frequency	-	434mhz
Current Consumption	-	Standby 6mA
	-	Maximum 31mA

Maximum quoted is with both relays energised.

Relay Contact Rating	-	1 AMP continuous MAX.
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Wiring & Terminals

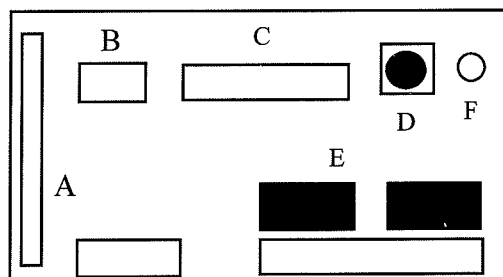
Red	-	+12VDC
Black	-	Common Ground
Green	-	KP Data on NX panel

C1	-	Common	Button 3
NC1	-	NC	Button 3
NO1	-	NO	Button 3

C2	-	Common	Button 4
NC2	-	NC	Button 4
NO2	-	NO	Button 4

NOTES

- This receiver will LEARN code hopping transmitters supplied by DAS branches ONLY.
- There are **4.2 billion possible codes** for the code hopping transmitters.
- Do not cut the antenna wire. Keep as vertical as possible
- Try to install well clear of METAL structures
- Install receiver in a HIGH location for maximum range
- Installation inside the NX panel WILL affect the range this is not recommended.
- As with all radio equipment, TEST BEFORE installation for performance and regularly thereafter to ensure reliability.



NX304 Receiver Major components location

A - RF module	B - EEPROM
C - Microprocessor	D - Learn / Delete Switch
E - Relays	F - LED