RollingCode Receiver User Manual

Model No.: RX220-1 , RX220-2 and RX220-3

Read the following instructions before using the receiver

Description

The HEDDOLF RollingCode digital receivers are wireless radio controls designed for use with automatic garage door and gate openers. The HEDDOLF RollingCode radio format provides unparalleled security. The transmitter and receiver can be programmed to more than few million of different codes.
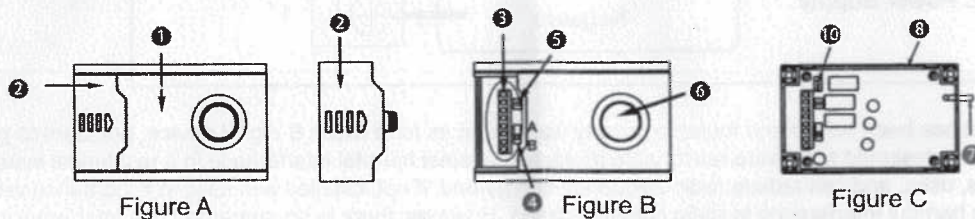
HEDDOLF RollingCode receivers and transmitters do not contain a typical " code switch ". Each transmitter is pre-set at the factory to a unique code .The receiver is programmed by sending a signal to it from the transmitter (s) that are going to be used with it. This stores the transmitters code into the receiver's memory . The receiver will retain its memory even without power. Receiver will activate only from these "memorized " transmitters. Each HEDDOLF RollingCode receiver can remember a maximum of 85 transmitters.
Two/Three channel receivers connections to activate the operator's light or control other devices. Receivers are powered with 12~24V DC from the garage door or gate operator.
Connect 12~24V DC to power supply connector terminal 1& 2 (- , +) polarity are important .
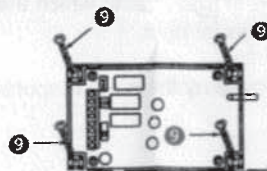
Receiver Parts description

❶ Top Cover
❷ Cable connector door
❸ DC power supply connector and Ch1,Ch2 output connector
❹ Mode switch :
  -Position A, output stays on , when the transmitter button is pressed (refer to Figure B ❹).
  -Position B, output switch on one second , when the transmitter button is pressed.
❺ Program button
❻ Power indicator (Blue) , Program inductor (Purple)
❼ Antenna
❽ Bottom case
❾ Mounting screw, self tapping M4x16mm
❿ Ch3 output connector

Figure A   Figure B   Figure C
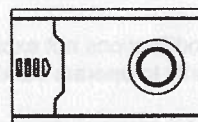
Install the Receiver

Open the Case   Mount 4 Screw   Close the Cover and Door

Program receiver

Pressing and holding the receiver's Program button 1 second(Figure B, ❺). The purple programming indicator(Figure B,❻) will light if there's room in the receiver's memory for another transmitter (85 maximum per receiver). The indicator stays on for about 30 seconds. A transmitter must be entered while the purple light is on press the desired transmitter button. The purple light will flash 3 seconds indicating the receiver has accepted the transmitter.

Add additional transmitters

Repeat above step for each transmitter used with this receiver. Be sure to "Pressing and holding 1 second of Program button" each time a new transmitter.
If the purple programming indicator light doesn't come on flashing when the transmitter button is pressed,the receiver's memory is full (85 transmitters total). Use the erase function to remove all transmitters from the receiver's memory.
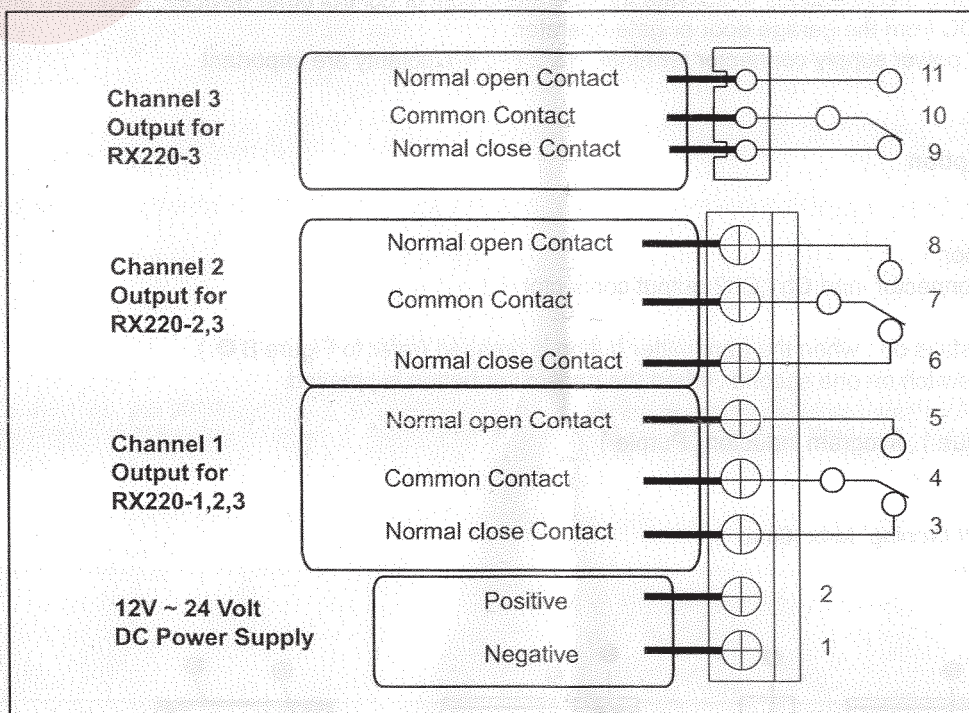
Test receiver

Be sure door area is clear. Activate each transmitters. The receiver relay should click and the operator should activate .
Wait 2 seconds between each activation.

Erasing receiver memory

Transmitters can be erased from the receiver's memory by pressing and holding the receiver program button for 5 seconds or more , After the programming light switch off receiver's memory erased.

Receiver Wiring Diagram

Channel 3 Output for RX220-3	Normal open Contact	11
	Common Contact	10
	Normal close Contact	9
Channel 2 Output for RX220-2,3	Normal open Contact	8
	Common Contact	7
	Normal close Contact	6
Channel 1 Output for RX220-1,2,3	Normal open Contact	5
	Common Contact	4
	Normal close Contact	3
12V ~ 24 Volt DC Power Supply	Positive	2
	Negative	1

WARNING:This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and uses in accordance with the instruction manual, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
   -- Reorient or relocate the receiving antenna.
   -- Increase the separation between the equipment and receiver.
   -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
   -- Consult the dealer or an experienced radio/TV technician for help.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equivalent.

FCC NOTE:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1)this device may not cause harmful interference,and (2) this device must accept any interference received, including interference that may cause undesired operation.

By Email: sales@northshorecommercialdoor.com

North Shore Residential Door
162 Edgewood Street
Elyria, Ohio 44035

Phone 800-783-6112
Fax 440-365-3514