

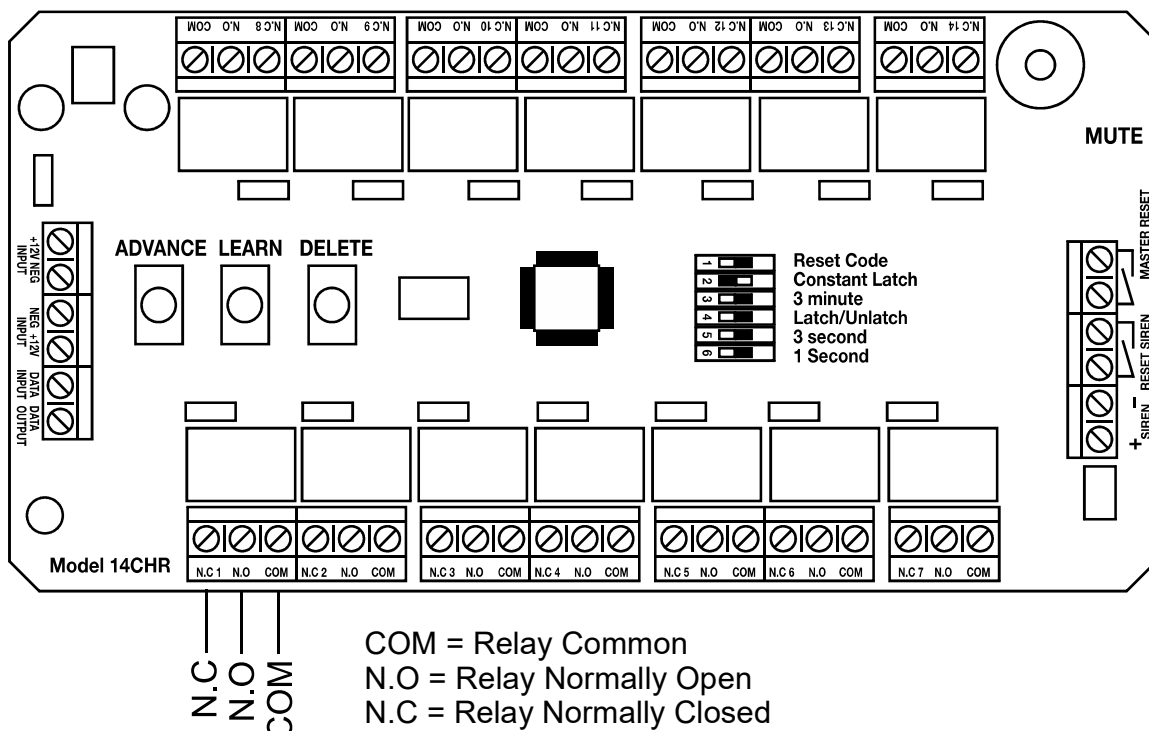
Specifications:

Encryption type	Code-Hopping
Memory Capacity	60 (Per Relay channel)
Power-Input Range	11V - 16V DC
Current drain with nothing triggered	50mA
Current drain with all outputs triggered	800mA
Max Switching power on Contact	3A
Max Switching Voltage on Contact	24V DC

Product Description:

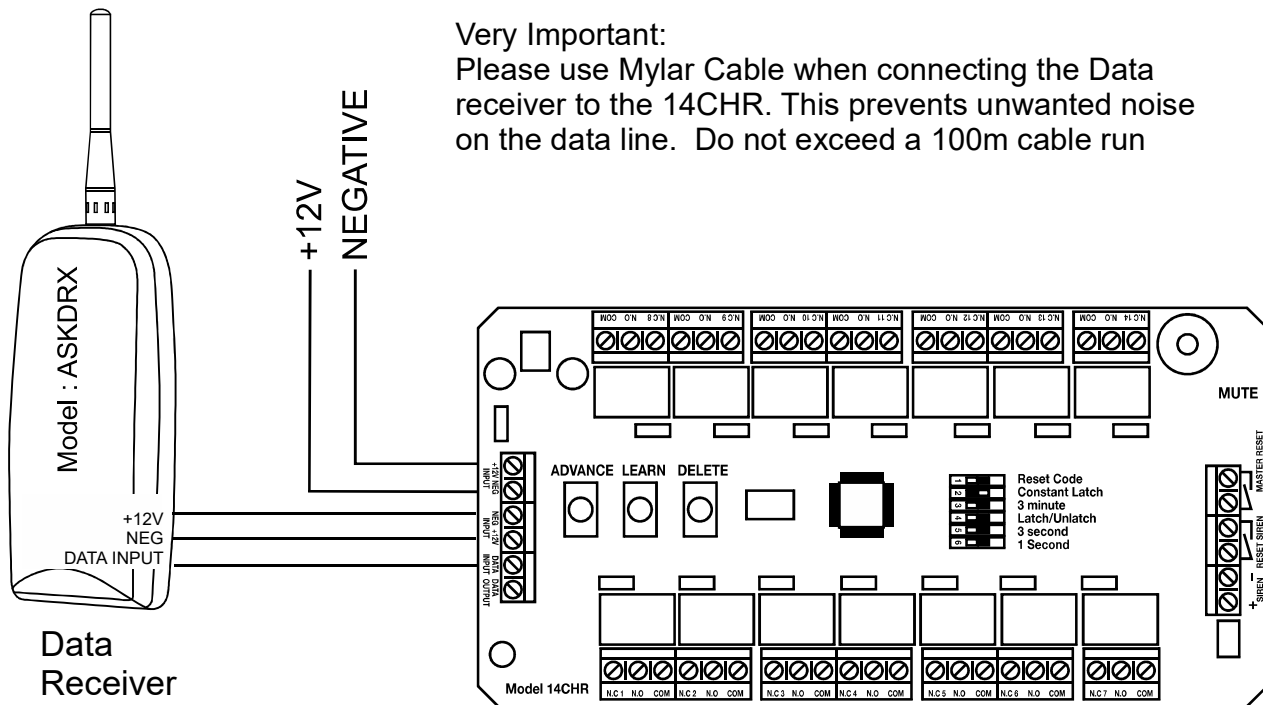
The 14 Channel Relay Expander Module is a unit designed to work with an externally mounted long range Receiver (Model: ASKDRX). The receiver has a data output which wires into the 14CHR units Data Input. The 14Channel Relay Expander can be learnt with Sherlotronics Code Hopping Transmitters and the Relays outputs can be set to function with up to 6 different relay functions such as Momentary, Latching, Timed outputs of 1 & 3 Seconds or 3 Minutes. Constant Latch is a function that latches in the Relay contact on indefinitely and can only be reset by activating either the hardwired Reset input or learning in a remote signal as a REST CODE to function as a wireless reset.

Model: 14CHR



WIRING DIAGRAMS

Wiring the Data Receiver to the 14CHR.

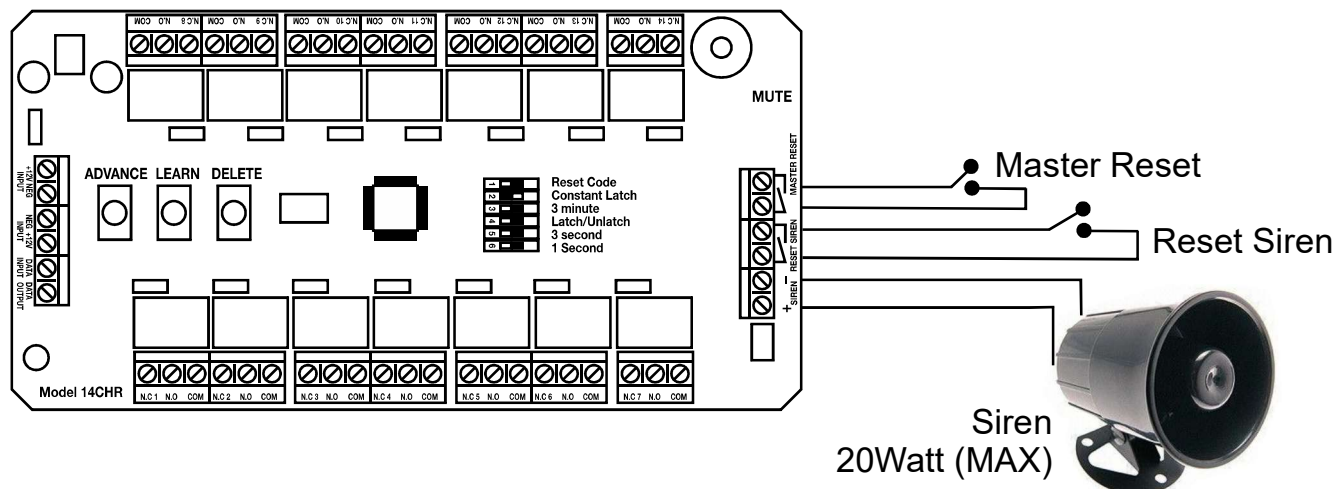


Wiring in a Siren.

Very important: Do not use more than a 20Watt Siren.

Master Reset momentary switch input will open / reset all Relay channels that are closed & reset the SIREN.

REST SIREN input will only reset the siren if it is triggered.



LEARN REMOTES

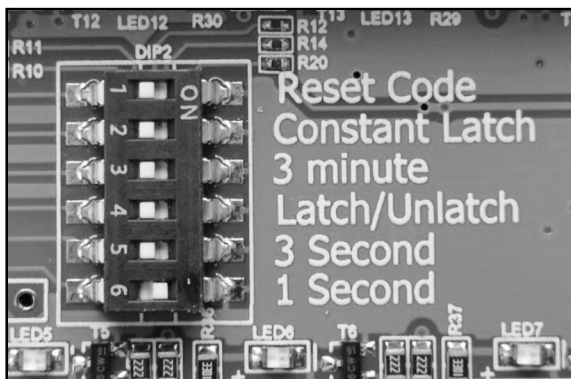
1. First Select what function you want to program the relay to do with the Dip-switch set correctly.
2. Press the ADVANCE switch and the unit will beep and activate Relay1. If you wish to learn in a remote control to Relay 1, then proceed to Step 3 now, or press the ADVANCE switch a number of times until you are at the relay channel you want to learn.
3. Press the LEARN switch once and then activate the remote control for approx 2 seconds. A beep will sound when the remote control is successfully learnt in.

If you need to learn another remote then press the LEARN button again, followed by transmitting the next remote. A Max of 60 remotes can be Learnt into each relay channel.

You can also program a remote control into more than one relay channel, if you wish.

Dip-switch Functions :

- 1 Second momentary contact set (Dip-switch 6 ON)
- 3 Second momentary contact set (Dip-switch 5 ON)
- Latch or Unlatch contact set (Dip-switch 4 ON)
- 3 Minute momentary contact set (Dip-switch 3 ON)
- Constant latch which is latching until Reset set (Dip-switch 2 ON)
- Reset Code is a used to reset constant latching set (Dip-switch 1 ON)



Siren output is only enabled to trigger on the following two dip-switch settings:

**Constant Latch
3 Minute**

DELETE REMOTES

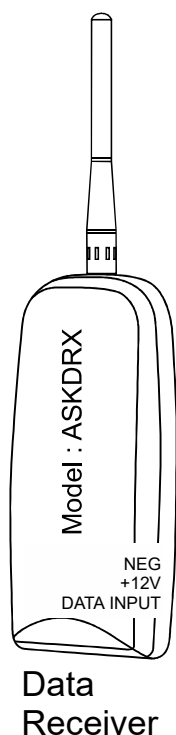
1. ADVANCE to the Channel you want to Delete.
2. Press the DELETE switch in for 3 seconds. (A warning beep will sound)
3. To exit...Press the ADVANCE switch a number of time to advance past Channel 14.

DEFAULT TO FACTORY SETTINGS

To Default all 14 Channels: (FACTORY DEFAULT)

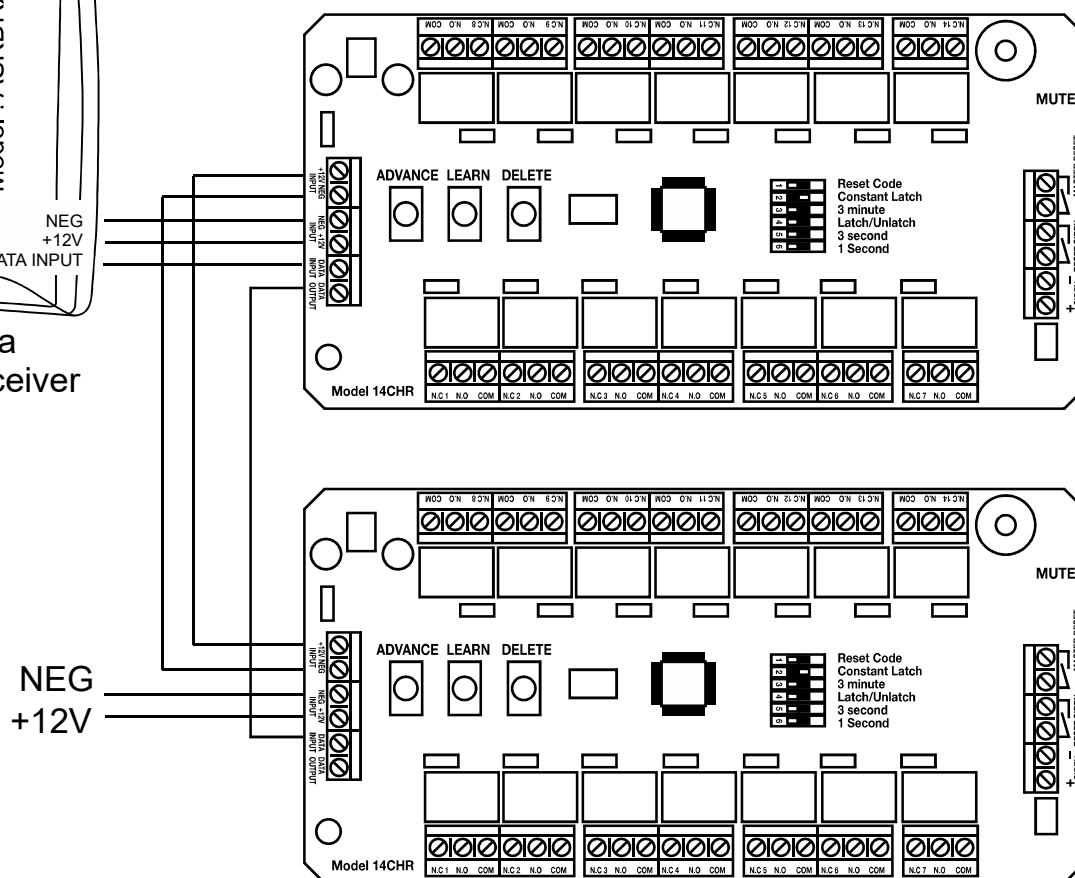
1. De-power the unit.
2. Press and hold in the ADVANCE & DELETE switch simultaneously.
3. Power up the unit. A Short beep followed by a Long beep will sound when Defaulting is done. This takes +/- 5 seconds. The unit is now Factory defaulted.

Wiring the Data Receiver to the 14CHR.



Very Important:

Please use Mylar Cable when connecting the Data receiver to the 14CHR. This prevents unwanted noise on the data line. Do not exceed a 100m cable run due to voltage losses on the Data line.



Do not wire more than 4 x 14CHR Units together with a Data Receiver

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