

# HUNTER-TX-1 Receiver System

## Transmitter Functions Reference Guide

**LOCK** Press and release the button.



• THE DOORS WILL LOCK

**TRUNK RELEASE:** Press and release the button



• THE TRUNK WILL OPEN  
(IF CONNECTED)

**UNLOCK** Press and release the button.



• THE DOORS WILL UNLOCK

**ACTIVATE 3RD CHANNEL:** Press and release the button



• THERE IS NO VISUAL OR AUDIBLE  
INDICATION. IF CONNECTED TO AN  
OPTIONAL ACCESSORY, IT MAY  
PROVIDE CONFIRMATION.

## About The Module Operation

The Unit is a "stand-alone" universal receiver unit for 12 Volt applications. It has 4 outputs, which can be assigned to any of the transmitter's buttons. When the Unit receives a signal from the included transmitter, it activates the pre-assigned output. When activated the outputs supply 500mA (-) negative ground (500 milliamps = 0.5amp of ground). Each of the outputs may be configured as:

- "TIMED PULSE" = When the output is activated, it will last for a preset period of time, from @ 1/5 of a second to @ 30 seconds.
- "ON DEMAND" = When the output is activated, it will last for as long as the transmitter's button is pressed.
- "LATCH / UNLATCH" = When the output is activated, it will remain activated until an additional signal is received from the transmitter.

**SEE THE INSTRUCTIONS ON THE OTHER SIDE OF THIS PAGE FOR CONFIGURING THE OUTPUTS**

## Wiring Overview

**Red wire:** (+) 12 Volts Input, on the 4-pin plug supplies power to operate the Unit.

**Black wire:** Negative Ground, must be connected to the negative side of the power source like a vehicle's chassis.

**The Outputs:** are numbered as #1, #2, #3, and #4 in reference to their sequence within the transmitter programming procedure (see "Programming Transmitters" and "Configuring Outputs"). Specific connection of these wires is contingent upon the application. When the Unit is used to operate other controlling devices (remote engine starter, for example), connection is typically wire-to-wire directly to the device's activation wire. The other most common interface method is connecting the output wire to activate a relay to control the vehicle's circuit (an example would be locking or unlocking the doors). All 4 outputs have a 500mA capacity that should not be exceeded.

**Note:** The center pin on the 3-pin plug is (+) 12 Volts Output (500mA). It provides power to relay coils only of an optional door lock/unlock interface.

## PROGRAMMING TRANSMITTERS:

The Unit needs to be connected to power and ground, and all of the transmitters which are to operate the unit need to be present. A small instrument, such as screwdriver or toothpick, is needed to press the Transmitter Programming Switch which is located below the small opening on the top of Unit's case.

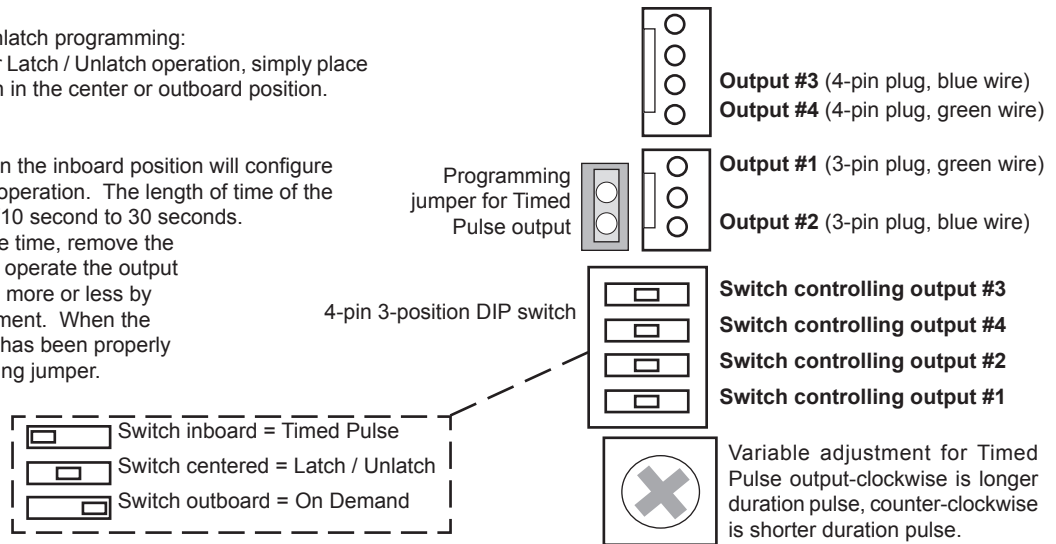
Your Action:	Unit's Reaction:
STEP 1: Press and hold the Transmitter Programming Switch for 2 seconds.	The Transmitter Programming Indicator Light will illuminate, and the Unit will softly chirp 4 times, then chirp louder one more time. It is ready to receive the first transmitter's button codes.
STEP 2: Release the Transmitter Programming Switch.	
STEP 3: In sequence of desired operation, press the buttons on the first transmitter. Only one button, or up to four buttons, on each transmitter may be coded into the Unit.	The unit will beep once and the indicator light will flash once when the first button code is learned, then 2 times for the second button code, 3 times for the third button and 4 times for the fourth button. The Unit has four button code "slots" for each transmitter, the code slots' numerical order in the programming procedure equals the output number- slot #1 is output #1, slot #2 is output #2, slot #3 is output #3, and slot #4 is output #4.
STEP 4: To program the button codes of an additional transmitter, press and hold the Transmitter Programming Switch.	The Unit will chirp twice to indicate that it's ready to learn the second transmitter's button codes (or chirp 3 times for a third transmitter, or four times for a fourth transmitter).
REPEAT Step 2 and Step 3.	
<p>TRANSMITTER PROGRAMMING NOTE #1: Exit transmitter programming mode by waiting 10 seconds, without transmitting any button codes. Upon exiting, the unit chirps 5 times and the LED goes out.</p> <p>TRANSMITTER PROGRAMMING NOTE #2: a transmitter code must be entered into a slot in order to access the next slot, even if the first output(s) are not planned to be used.</p>	

## CONFIGURING THE OUTPUTS:

Each output can operate as a Timed Pulse, On Demand, or Latch / Unlatch type. The way in which the operation is determined is by a 3-position switch; each output has its own switch, as shown below.

**On Demand and Latch / Unlatch programming:**  
To configure On Demand or Latch / Unlatch operation, simply place the selected output's switch in the center or outboard position.

**Timed Pulse programming:**  
Placing an output's switch in the inboard position will configure the output for Timed pulse operation. The length of time of the output is adjustable from 1/10 second to 30 seconds. To change an output's pulse time, remove the programming jumper, then operate the output and adjust the output pulse more or less by turning the variable adjustment. When the desired output pulse time has been properly set, reinstall the programming jumper.



FCC Caution.

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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 used in accordance with the instructions, may cause harmful interference to radio communications. 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.