CHAMBERLAIN®

TriCode™
TC4 Four Channel Transmitter

U.S. Patent Pending

⚠ CAUTION

ACTIVATE THE TRANSMITTER ONLY WHEN THE DOOR / GATE IS IN FULL VIEW, FREE OF OBSTRUCTION AND PROPERLY ADJUSTED. NO ONE SHOULD ENTER OR LEAVE THE DOOR/ GATE WHILE IN MOTION. DO NOT ALLOW CHILDREN TO OPERATE THE REMOTE(S) OR THE DOOR/ GATE CONTROL BUTTONS. DO NOT ALLOW CHILDREN TO PLAY NEAR THE DOOR/ GATE.

The TriCode™ digital TC4 transmitter is a four-channel wireless radio control designed for use with automatic garage/gate operators and access control systems. All TriCode™ products can be used with Linear/Delta-3™, Stanley™ and Multi-Code™ receivers. Two configuration switches allow the four buttons to be configured to interface with two different receiver types in the same transmitter.
The TriCode™ radio format provides a potential of 2048 different digital codes. Two 10-position DIP switches, each capable of 1024 different digital codes provide these codes. For Delta-3™ products, 512 (256x2) different digital codes are available.

This device complies with FCC Rules Part 15 and IC Canada Rules and Regulations. 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.

F.C.C. rules prohibit adjustments to or modification of receiver and/or remote control transmitter circuitry except for changing the code setting and replacing remote control transmitter battery. THERE ARE NO OTHER SERVICEABLE PARTS.

SWITCH SETTINGS

CAUTION: To avoid possibility of duplicating codes in adjacent systems, all transmitters should be recoded prior to operation. Unless using the maximum number of codes four codes should not be used:

- All DIP Switches ON
- All DIP Switches OFF
- DIP Switches alternating ON/OFF
- DIP Switches alternating OFF/ON.

Step 1 Locate Switches and Connect Battery

Locate the DIP switches, configuration switches and battery by sliding down access cover on front of the transmitter case. DIP switches are numbered 1 through 10. The configuration switches are located to the right of the DIP switches (Refer to figures 1, 2 and 3).

The battery is located below the switches. Connect the battery connector to the 9V battery before programming transmitter (Refer to figure 3).

Step 2 Set Transmitter Configuration Switch(s)

The TriCode™ Trasmitter is factory set to Linear/Delta-3™ position.

Using a pointed object set transmitter configuration switches to desired setting.

Step 3 Set Transmitter DIP Switch(s)

The TriCode™ Transmitter DIP switch(s) are factory set, CH1 OFF (1-10) and CH2 ON (1-10).

Using a pointed object set transmitter DIP switches to desired setting. For Linear/Delta-3™ compatibility, set codes on switches 1 through 8. Switches 9 and 10 are not used for Linear/Delta-3™ products. Table 1 on page 2 shows the relationship between each button and the coding switches.

Note: Switches in receiver must match the switches in all transmitters used to operate the receiver. Some older radios use toggle switches and it may be difficult to determine 'ON' & 'OFF'. If so, try reverse settings on the TriCode™.

FIGURE 1

CONFIGURATION SWITCH

FIGURE 2

DIP SWITCH

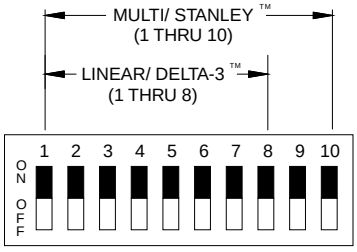


Table 1: Transmitter Button Outputs vs. Configuration Inputs

D = Linear/Delta-3™

M = Multi-Code™

S = Stanley™

1 = Code switch 1

2 = Code switch 2.

Configuration Switch 1 [1]			Configuration Switch 2 [2]			Transmitter Button Output [3]			
Delta-3	Multi	Stanley	Delta-3	Multi	Stanley	1	2	3	4
1	0	0	1	0	0	D/1	D/2	D/2	D/2
1	0	0	0	1	0	D/1	M/1	M/2	M/2
1	0	0	0	0	1	D/1	S/1	S/2	S/2
0	1	0	1	0	0	M/1	M/1	D/2	D/2
0	1	0	0	1	0	M/1	M/1	M/2	M/2
0	1	0	0	0	1	M/1	M/1	S/2	S/2
0	0	1	1	0	0	S/1	S/1	D/2	D/2
0	0	1	0	1	0	S/1	S/1	M/2	M/2
0	0	1	0	0	1	S/1	S/1	S/2	S/2

[1] Configuration switch 1 and dip switch 1 are on the top.
[2] Configuration switch 2 and dip switch 2 are on the bottom.
[3] Transmitter button output is given in the format ***RECEIVER TYPE/CODE SWITCH USED.***

Step 4 Recode Receiver Codes

Once the transmitter codes have been set, verify the receiver codes are set to the following settings:

Linear/Delta-3™ Receiver Type Detail

When the TC4 is set to the Linear/Delta-3™ transmitter type, set the receiver DIP switches as follows.

Receiver 1 - Set switch 1-8 to match switch 1, activates from Button 1.
Receiver 2 - Set switches 1 and 2 OFF, match switches 3-8 on switch 2, activates from Button 2.
Receiver 3 - Set switch 1 ON, switch 2 OFF, match switches 3-8 on switch 2, activates from Button 3.
Receiver 4 - Set switch 1 OFF, switch 2 ON, match switches 3-8 on switch 2, activates from Button 4.

Multi-Code™ Receiver Type Detail

When the TC4 is set to the Multi-Code™ transmitter type, set the receiver DIP switches as follows.

Receiver 1 - Set switch 10 OFF, match switches 1-9 on switch 1, activates from Button 1.
Receiver 2 - Set switch 10 ON, match switches 1-9 on switch 1, activates from Button 2.
Receiver 3 - Set switch 10 OFF, match switches 1-9 on switch 2, activates from Button 3.
Receiver 4 - Set switch 10 ON, match switches 1-9 on switch 2, activates from Button 4.

Stanley™ Radio Receiver Type Detail

When the TC4 is set to the Stanley™ radio transmitter type, set the DIP switches as follows.

Receiver 1 - Set switch 10 OFF, match switches 1-9 on switch 1, activates from Button 1.
Receiver 2 - Set switch 10 ON, match switches 1-9 on switch 1, activates from Button 2.
Receiver 3 - Set switch 10 OFF, match switches 1-9 on switch 2, activates from Button 3.
Receiver 4 - Set switch 10 ON, match switches 1-9 on code switch 2, activates from Button 4.

NOTE: The DIP switches in the receiver must match the DIP switches in all transmitters used to operate the receiver.

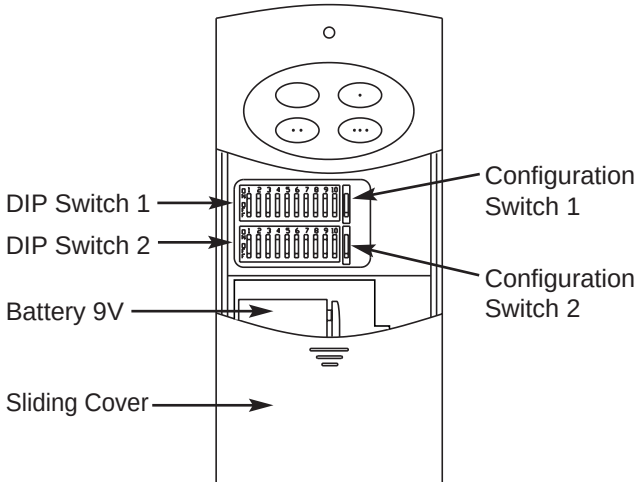
Step 5 Test the Equipment

If not already installed, connect the receivers to the operators as described in their installation instructions. **Be sure the door/gate area is clear of people and obstructions**. Activate each transmitter button and verify that each receiver triggers its operator.

Battery Replacement

The 9 volt battery should last 12 to 18 months of normal use. The green LED on the face of the transmitter will light dimly or not at all when the battery needs replacing. The battery is located under the access cover.

FIGURE 3



HOW TO ORDER REPAIR PARTS

INSTALLATION AND SERVICE INFORMATION ARE AVAILABLE
6 DAYS A WEEK CALL OUR TOLL FREE NUMBER
1-800-528-3536
HOURS 7:00 TO 3:30 p.m. (Mountain Std. Time)
MONDAY Through SATURDAY

OR CONTACT US THROUGH THE WEB AT
WWW. CHAMBERLAINGROUP.COM