CHAMBERLAIN

LiftMaster PROFESSIONAL

TC1 ~~TRITX1~~ Single Channel TC2 ~~TRITX2~~ Dual Channel Transmitters Tri-Code

CAUTION

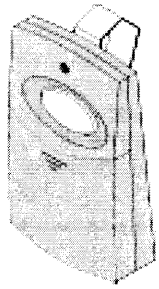
ACTIVATE THE TRANSMITTER ONLY WHEN THE DOOR / GATE IS IN FULL VIEW, FREE OF OBSTRUCTION AND PROPERLY ADJUSTED. NO ONE SHOULD ENTER OR LEAVE THE DOOR/ GATE WHILE IN MOTION. DO NOT ALLOW CHILDREN TO OPERATE THE REMOTE(S) OR THE DOOR/ GATE CONTROL BUTTONS. DO NOT ALLOW CHILDREN TO PLAY NEAR THE DOOR/ GATE.

The TriCode digital transmitters are designed for use with automatic garage/gate operators and access control systems. All TriCode products may be matched to suit your individual needs. In addition, TriCode product may be combined with Linear/Delta-3™, Multi-Code™, and Stanley™ radio products to operate with existing systems.

The TriCode radio format provides a potential of 1024 different digital codes. For Linear/Delta-3™ compatible products, 256 different digital codes are available. The codes are set using the 10-position coding switches in the units.

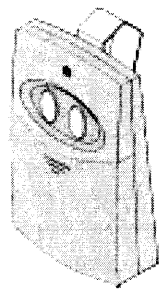
TC1 ~~TRITX1~~ Single Channel Transmitter

U.S. Patent Pending



TC2 ~~TRITX2~~ Dual-Channel Transmitter

U.S. Patent Pending



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 and receivers should be re-coded prior to operation. Unless using maximum number of codes the following four codes should not be used:***

- ***All keys ON***
- ***All keys OFF***
- ***Keys alternating ON/OFF***
- ***Keys alternating OFF/ON.***

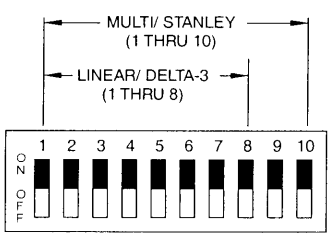
Step 1 Locate Switches and Connect Battery

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).

FIGURE 1

DIP SWITCH



Step 2 Set Transmitter Configuration Switch(s)

Using a pointed object (not a pencil or ballpoint pen) set transmitter configuration switches to desired setting. On dual channel transmitters the left button corresponds to the top set of switches and the right button corresponds to the bottom set of switches.

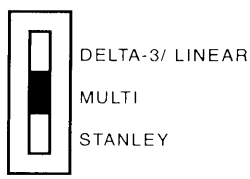
Step 3 Set Transmitter DIP Switches

Using a pointed object (not a pencil or ballpoint pen) 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.

Note: Switches in receiver must match the switches in all transmitters used to operate the receiver.

FIGURE 2

CONFIGURATION SWITCH



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~~TRITX4~~: 4 Channel Transmitter
TC4: Tri-Code

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.

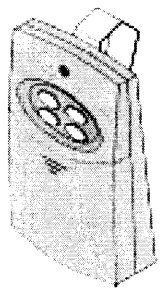
This device complies with FCC Rules Part 15 and IC Canada Rules and Regulations. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.**

TC4

~~TRITX4~~ 4 Channel Transmitter

U.S. Patent Pending



The TriCode digital TriTx4 transmitter is a four-channel wireless radio control designed for use with automatic garage/gate operators and access control systems. The TriTx4 can be used with 310 MHz Linear/Delta-3™ and Stanley™ radio receivers and 300 MHz Multi-Code™ receivers, as well as TriCode TriRx1 and TriRx2 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 coding switches, each capable of 1024 different digital codes provide these codes. For Delta-3™ products, 512 (256x2) different digital codes are available.

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 keys ON***
- ***All keys OFF***
- ***Keys alternating ON/OFF***
- ***Keys alternating OFF/ON.***

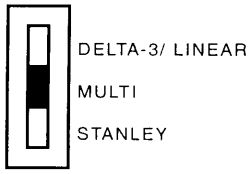
Step 1 Locate Switches and Connect Battery

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).

FIGURE 1

CONFIGURATION SWITCH



Step 3 Set Transmitter Configuration Switches

Using a pointed object (not a pencil or ballpoint pen) set transmitter configuration switches to desired setting.

Step 2 Set Transmitter DIP Switches

Using a pointed object (not a pencil or ballpoint pen) 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.

FIGURE 2

DIP SWITCH

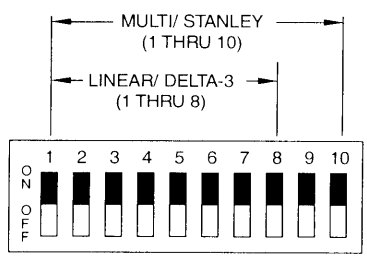


Table 1: Transmitter Button Outputs vs. Configuration Inputs

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

D = Linear/Delta-3™

M = Multi-Code™

S = Stanley™

1 = Code switch 1

2 = Code switch 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 Tri\tx4 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 TriTx4 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 TriTx4 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.*

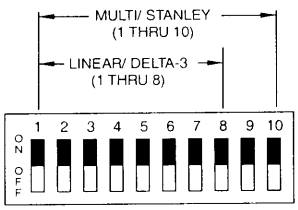
Step 5 Test the Equipment

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.

DIP SWITCH



CONFIGURATION SWITCH

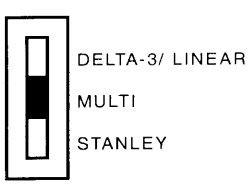


FIGURE 3