Take-A-Turn system with wireless Code Encryptor.

Take-a-Number Operation
The key chain transmitter for the Code Encryptor has 3 buttons.

- Increment button. Press the large blue button to increment the count.

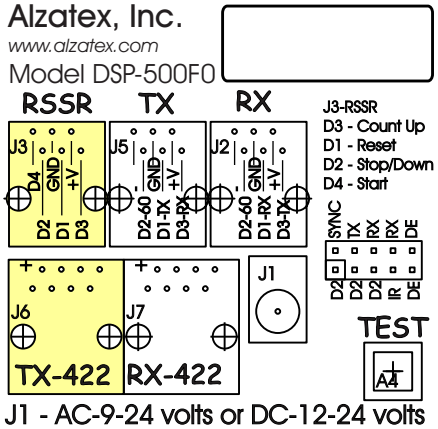
- Decrement button. Press the small blue button to decrement the count.

- Reset button. Press and hold the small red button for at least 3 seconds to reset the counter to zero.

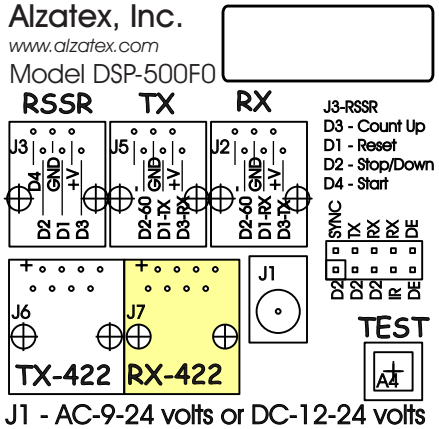
Take-A-Turn system with wireless Code Encryptor wiring diagram.

DSP502B-NS, DSP503B-NS or DSP504B-NS
Master Display

DSP502B-NS, DSP503B-NS or DSP504B-NS
Slave Display (Optional)



J1 - AC-9-24 volts or DC-12-24 volts



J1 - AC-9-24 volts or DC-12-24 volts

CAT-5 Ethernet Cable
From TX-422 to RX-422

To Additional
Slave Displays

12VAC Wall
Transformer

6 conductor
standard phone
cord to RSSR jack
on Master Display

To J1 Power In
on Master Display

Code Encryptor
Wireless KeyFob

Next

Back

Reset

Multi-Wire Cable
(See Next Page)

RJ-11 Wall Jack

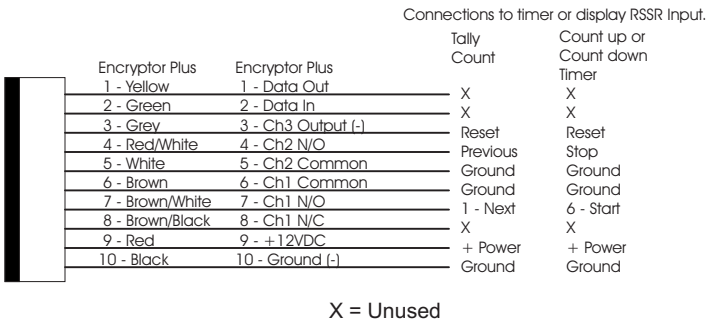
Code Encryptor
Wireless Interface

Take-A-Turn system with wireless Code Encryptor wiring diagram.

Installation of the Code Encryptor Wireless receiver module.

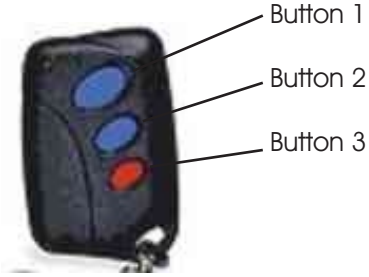
Code Encryptor wireless receiver

Antenna



X = Unused

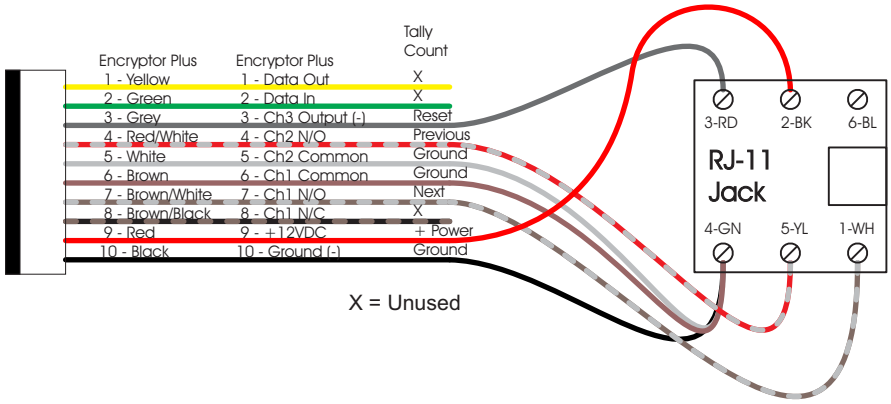
Code Encryptor wireless Keyfob



Tallye Counter (Take-A-Turn, Default)
Button 1 = Next (Press and Release)
Button 2 = Previous (Press and Release)
Button 3 = Reset to Zero (Press and Hold)

NOTE: Some versions of Code Encryptor have the functions of the **Grey** and **Red/White** wires reversed. Try the Default diagram below first, then if the buttons for Reset and Previous are swapped, rewire using the alternate diagram at the bottom.

Tally Count (Take-A-Turn, Default) Wiring

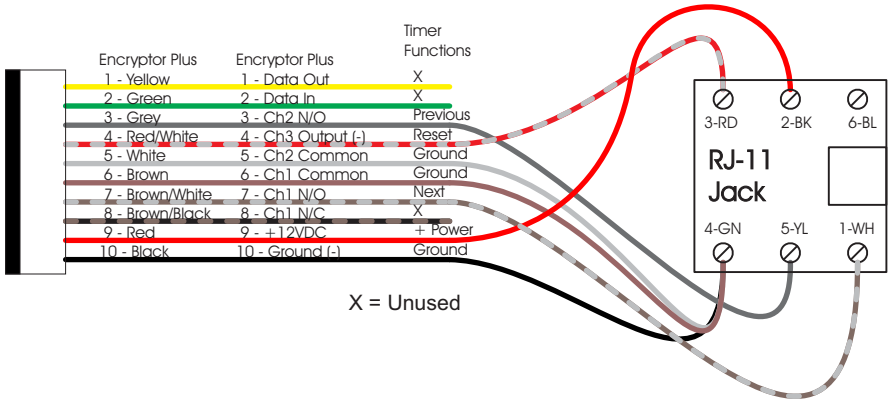


X = Unused

Standard 6 Conductor Phone Cord to RSSR Jack on Display.

Connections for Tally Count
1-WH = Next Input
2-BK = Power (+12VDC)
3-RD = Reset Input
4-GN = Ground
5-YL = Previous Input
6-BL = Timer Start (Unused)

Tally Count (Take-A-Turn, Alternate) Wiring



X = Unused

Standard 6 Conductor Phone Cord to RSSR Jack on Display.

Connections for Tally Count
1-WH = Next Input
2-BK = Power (+12VDC)
3-RD = Reset Input
4-GN = Ground
5-YL = Previous Input
6-BL = Timer Start (Unused)

Count-Up Timer system with wireless Code Encryptor wiring diagram.
(Requires full timer firmware in display.)

Installation of the Code Encryptor Wireless receiver module.

Code Encryptor wireless receiver

Antenna

Encryptor Plus	Encryptor Plus	Tally Count	Count up or Count down Timer
1 - Yellow	1 - Data Out	X	X
2 - Green	2 - Data In	X	X
3 - Grey	3 - Ch3 Output (-)	Reset	Reset
4 - Red/White	4 - Ch2 N/O	Previous	Stop
5 - White	5 - Ch2 Common	Ground	Ground
6 - Brown	6 - Ch1 Common	Ground	Ground
7 - Brown/White	7 - Ch1 N/O	1 - Next	6 - Start
8 - Brown/Black	8 - Ch1 N/C	X	X
9 - Red	9 - +12VDC	+ Power	+ Power
10 - Black	10 - Ground (-)	Ground	Ground

Connections to timer or display RSSR Input.

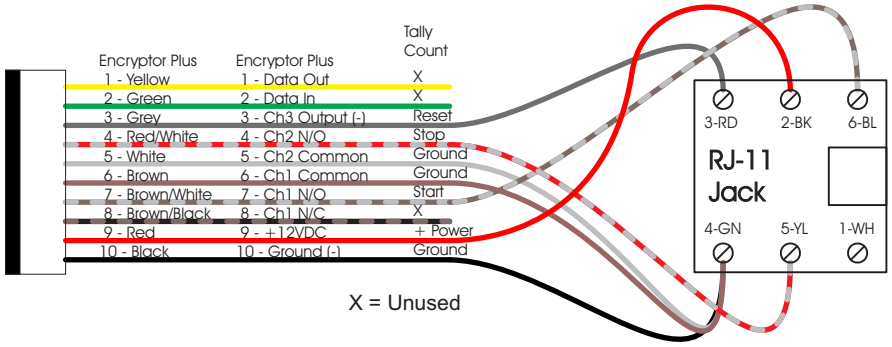
X = Unused

Code Encryptor wireless Keyfob

Count Up or (Optional) Count Down Timer
Button 1 = Start (Press and Release)
Button 2 = Stop (Press and Release)
Button 3 = Reset (Press and Hold)

NOTE: Some versions of Code Encryptor have the functions of the **Grey** and **Red/White** wires reversed. Try the Default diagram below first, then if the buttons for Reset and Stop are swapped, rewire using the alternate diagram at the bottom.

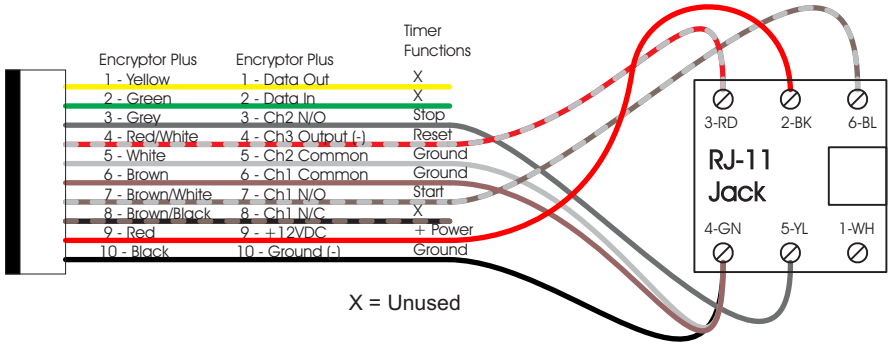
Count Up or Count Down Timer Wiring (Default)



Standard 6 Conductor Phone Cord to RSSR Jack on Display.

Connections for Timer Use
1-WH = Next Input (Unused)
2-BK = Power (+12VDC)
3-RD = Reset Input
4-GN = Ground
5-YL = Stop Input
6-BL = Timer Start

Count Up or Count Down Timer Wiring (Alternate)



Standard 6 Conductor Phone Cord to RSSR Jack on Display.

Connections for Timer Use
1-WH = Next Input (Unused)
2-BK = Power (+12VDC)
3-RD = Reset Input
4-GN = Ground
5-YL = Stop Input
6-BL = Timer Start