

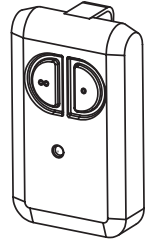
018-2 WIRELESS TRANSMITTER INSTRUCTION SHEET AND TROUBLESHOOTING GUIDE

018-2 Two Button Transmitter

- 6561 security codes available
- Operates on 315 Mhz
- LED indicates operation
- A-23 Battery Included
- Belt clip key ring provided
- FCC, IC Approved

CAUTION: CHANGES OR MODIFICATIONS TO THE 017TDC2, 017TDC-3 AND 018-2 NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USERS AUTHORITY TO OPERATE THE DEVICE.

NOTE: BOTH PUSH BUTTONS ON THE 018-2 WILL TRIGGER THE 017TDC-2



018-2 REMOTE

SECURITY CODE SETTING:

You need to set the security codes for the 017TDC-2 or 3 receiver and the 018-2 transmitter for security purposes.

The security code positions for the receiver must match the codes of the transmitter or transmitters for these devices to communicate properly. (see Figure 2 below as an example)

To change the codes on your 018-2 loosen the transmitter's assembly screw and snap the front cover open. Match the coding of the receiver. Figure 1 below shows the location of the DIP switches for the 017TDC-2 & 3 receiver and the 018-2 transmitter.

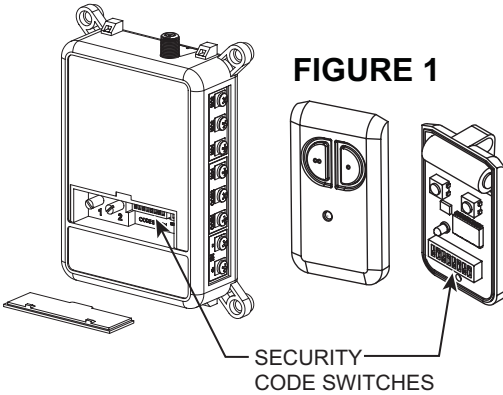


FIGURE 1

EXAMPLE CODE SETTING:

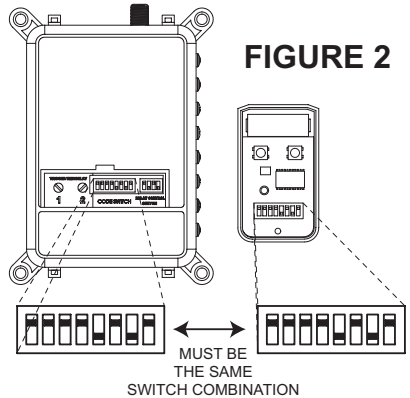


FIGURE 2

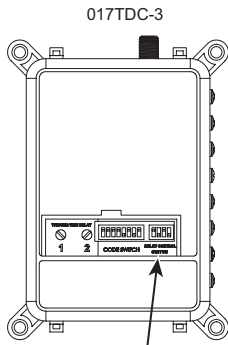
017TDC-3 SWITCHING MODE SETTING:

The 017TDC-3 has two relays capable of being triggered together by one button from the 018-2 transmitter or separately by the two buttons from the 018-2 transmitter. Set the relay control switch to your desire mode by following the coding shown on the next page.

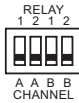
NOTE:

The 017TDC-2 has only one relay and is triggered by any of the two buttons on the 018-2 transmitter.

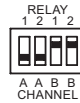




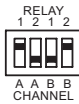
RELAY CONTROL SWITCH



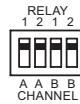
ALL CHANNELS "OFF"



"B" BUTTON OPERATES BOTH RELAYS



"A" BUTTON OPERATES "1" RELAY
"B" BUTTON OPERATES "2" RELAY



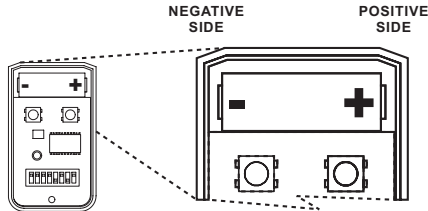
ANY BUTTON OPERATES BOTH RELAYS



"A" BUTTON OPERATES BOTH RELAYS

BATTERY SPECIFICATION AND ORIENTATION:

USE A23 12VDC ALKALINE BATTERY OR IT'S FOLLOWING EQUIVALENT: MN21, GP23AE, A23, VA23GA, MS21



TROUBLESHOOTING GUIDE SECTION:

The 017TDC-2 & 3 and the 018-2 operates on radio frequency (RF) signaling and may have some problems being installed in certain locations. Radio frequency (RF) signals are similar in principle as two people conversing. RF communications however are more difficult to troubleshoot because RF modulates at frequencies that are not audible to human ears.

Let's say that you and I are comfortably conversing, if a person starts talking loud next to us, then we may start to go closer and closer to each other until we can once again understand each other.

RF devices will work the same way. The first objective in troubleshooting is to spot the troublemaker, in this case, the offending device. The offending device can be one or the combination of the following items: light dimmers, fluorescent lights, TV or computer CRT displays and any piece of equipment using a switching power supply or "clock" oscillator (computers and other digital devices). Additionally, ham and CB transmitters, remote controls, wireless phones, cellular phones, commercial taxi/police/aircraft radios, microwave ovens, motion sensors, radar systems, and a myriad of medical and industrial RF devices.

As you can appreciate from the litany of devices above almost any perimeter can have multiple sources of RF noisemakers. Deciding the final position for mounting the 017TDC will immensely improve your chances of installation success. Before screwing the 017TDC receiver down, choose an initial location and use a 10 feet electrical cord and walk test the 017TDC's sensitivity to receive the 018-2's signal. Once you have determine the most ideal spot, that is the place you will install the receiver.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Transmitter does not work (LED lamp does not light)	Battery is low	Replace the battery. Use an A23 size 12VDC Alkaline battery.
	Battery is not properly installed	Reinstall the battery correctly (see battery polarity drawing above)
Transmitter does not work (LED lamp turns ON)	Transmitter is out of range	Move the transmitter closer to the receiver (see above article)
	Wiring connections may be faulty	Check your wiring scheme refer to the 017TDC-2 & 3 instruction sheet.
	Security Code mismatch	See if your receiver and transmitter security code match (see front page)
	Wiring connection may be faulty	Check your wiring scheme refer to the 017TDC-2 & 3 instruction sheet.
	RF interference	Read the article above regarding RF interference
	Security Code mismatch	See if your receiver and transmitter security code match (see front page)
Receiver works intermittently	Faulty power supply	Check the power supply for correctness of voltage and capacity
	Loose wiring connections or shorted wire	Carefully check all your wiring connections and tighten loose connections

For additional information regarding the 017TDC-2 and 3 Wireless Controllers and to download this document in electronic form (Adobe Acrobat PDF). Go to our website at http://www.trineonline.com/interior/support/instruction_sheet.html

NOTICE REGARDING THE 018-2 TRANSMITTER

FCC ID: PFO018-2 018-2 TRANSMITTER

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.