

Quick Install Guide

For complete guide please visit: www.titaninnovations.ca



This module has been designed to install on BOTH Automatic and Manual Transmission vehicles, with 1-Way AM OR 2-Way FM remotes and also operate as a Starter Only, Starter with Alarm, or Alarm Only.

Selecting Program Option Within a Menu

1. Enter Program Mode and select desired Menu
2. Press and release the Valet (Program) Button the correct number of times to select the desired Feature. The park lights will flash once and the siren/horn will chirp each time the programming button is pressed. The LEDs in the antenna will flash in sets to indicate which Feature Menu has been selected. (3 flashes = Feature 3 M1-03, M2-03, M3-03, etc.)

CHANGING A FEATURE SETTING

1. Once the correct Feature Menu has been selected, press and hold the Program Button until the park lights flash and the siren/horn chirps to confirm the desired setting.
For example:
1 park light flash and 1 chirp = Setting 1
2 park light flashes and 2 chirps = Setting 2
3 park light flashes and 3 chirps = Setting 3
The LEDs will continue to flash indicating which Feature Menu you are in (Note: LEDs turn off when the programming button is held down).

NOTE: Turning the ignition key to the off position or 30 seconds of no activity will exit program mode. Specific Output Times can only be programmed with the Titan Hand Held Programmer.

SYSTEM MENU RESET (To reset INDIVIDUAL menus only)

1. Enter Program Mode
2. Select Program Menu
3. Press and hold Valet Button for 3 seconds to reset that Menu. Lights will flash and horn / siren will pulse 5 times to confirm reset.

MASTER RESET (To reset ALL menus)

1. Turn ignition ON-OFF-ON. (Leaving Key in ON position)
2. Press and release the valet switch 3 times.
The parking lights will flash and the siren/horn will chirp 3 times on 3rd press to confirm.
3. Press and Hold valet button for 3 seconds. The system will confirm with 5 siren/horn pulses & park light flashes to confirm system reset was activated
4. Turn off ignition.

REMOTE START / ALARM LED / PARK LIGHT Diagnostics

If there is a failed remote start or Alarm trigger please see table below for LED and/or Park Light Diagnostics

	REMOTE START (P. LIGHT)	ALARM TRIGGER (LED)
3 LED / P. LIGHT FLASHES	NOT IN READY MODE	SHOCK SENSOR TRIGGER
4 LED / P. LIGHT FLASHES	FOOT BRAKE ON	FOOT BRAKE TRIGGER
5 LED / P. LIGHT FLASHES	VALET MODE ON	DOOR OPEN TRIGGER
6 LED / P. LIGHT FLASHES	HOOD OPEN	HOOD OPEN TRIGGER
7 LED / P. LIGHT FLASHES	REMOTE START FAILURE	AUX INPUT TRIGGER
8 LED / P. LIGHT FLASHES	IGNITION ON	IGNITION ON TRIGGER

VALET MODE - To Enter/Exit Valet mode, turn Ignition On and within 5 seconds and press and hold valet button for programmed time (see M3-09).

REMOTE SLEEP MODE

Available on the 2-Way LED and 2-Way LCD remote transmitters, this function allows you to put your remote into Sleep Mode so that you do not have unnecessary battery life drain when away from your vehicle for extended period of time.

Press and Hold & for approximately 8 seconds to put your remote into Sleep Mode or to take it out of Sleep Mode.

TRANSMITTER LEARNING

Important! The remote starter will hold 3 transmitter codes. It is recommended that when programming in transmitters, you fill up all three transmitter codes, even if only using one or two transmitters. This will clear all other transmitter coding from the unit and prevent stray coding or possible interference from other remote transmitters.

1. Turn ignition ON-OFF-ON.
2. Press the valet switch TWICE. The siren/horn (optional) will chirp once each time button is pressed.
3. Press and hold the valet switch, siren/horn will chirp 3 times & parking lights will turn on to indicate you have entered Transmitter Learning Mode.
4. Press button 1 (Lock) of every transmitter to be coded. The siren/horn will chirp once and the parking lights will flash once to indicate successfully learning. System will exit Learn Mode and lights will turn off after 15 seconds of no activity. Turn ignition OFF and the unit will exit code-learning mode.

TACH LEARNING

1. Start the vehicle with the key.
2. Press and hold Foot Brake.
3. Within 10 seconds, press and release the valet switch. The unit will enter Tach Learning Mode automatically (LED will begin to flash). The park lights will flash the number of times below for the saved tach mode.
2 FLASHES - Tach Learn
3 FLASHES - Data Tach Learn
4 FLASHES - Tachless Mode
10 FLASHES - Tachless Mode not allowed in manual transmission mode

ENTERING PROGRAM MODE

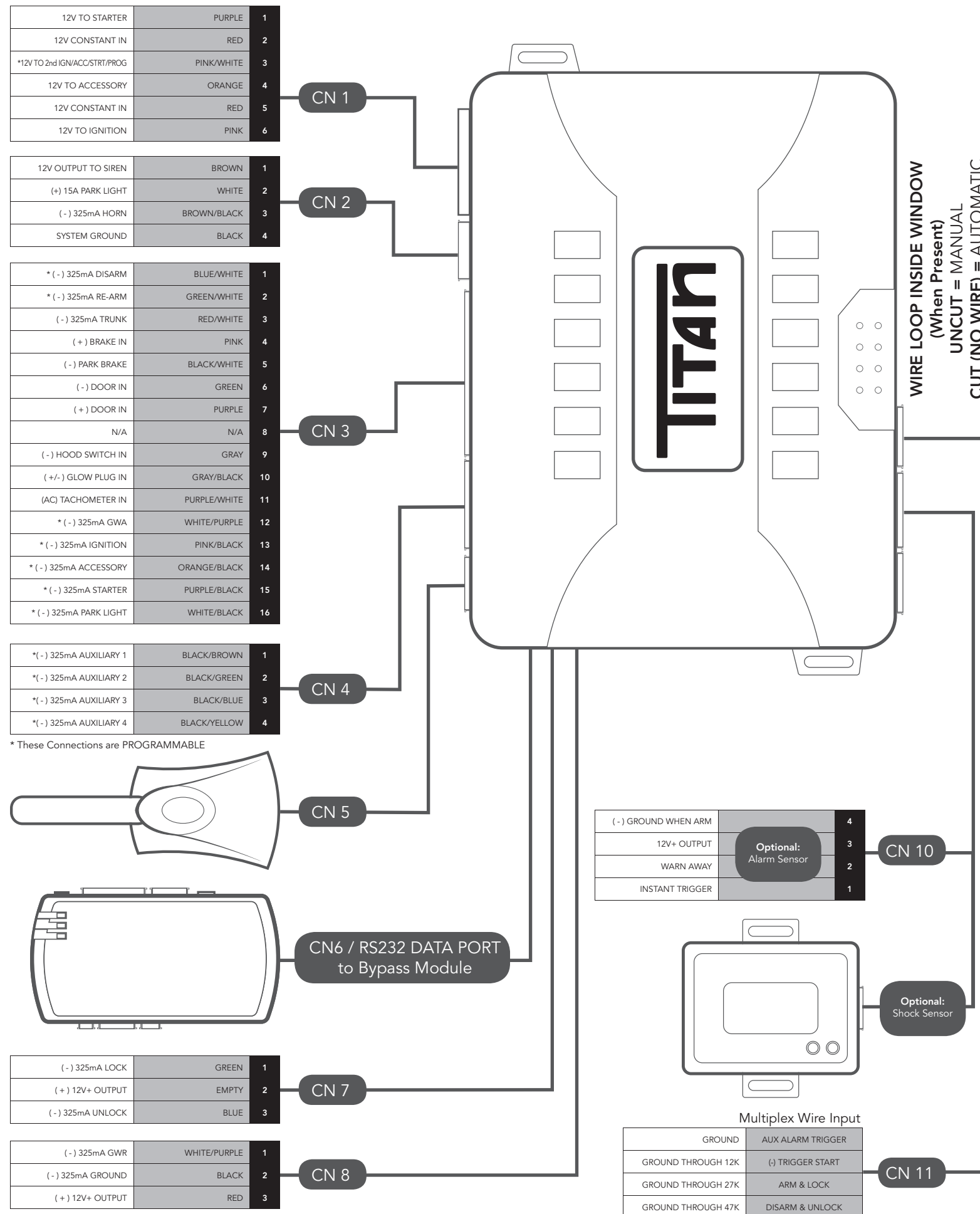
1. Turn ignition ON-OFF-ON. (Leaving Key in ON position)
2. Press the valet switch 1 time and release.
The parking lights will flash and the siren/horn will chirp once to confirm.
3. Press and Hold valet button for 3 seconds. The system confirm with 1 siren/horn pulse and park light flash to confirm you it is now in Program Mode.

SELECTING PROGRAM MENU (4 Button Remote Required)

1. Once Program mode has been entered, pressing the remote will select the different program menus as below.

Button 1 will select MENU 1 – 1 light flash siren / horn chirp
Button 2 will select MENU 2 - 2 light flashes siren / horn chirps
Button 3 will select MENU 3 - 3 light flashes siren / horn chirps
Button 4 will select MENU 4 - 4 light flashes siren / horn chirps

Once a MENU is selected by remote, the system will be in Setting 0, which is the reset to default for that Menu (See MENU RESET).



PROGRAMMING GUIDE FOR TITAN ELITE

Menu 1 (Lock Features)

Feature	Option 1 (Default)	Option 2	Option 3	Option 4	Option 5	
1 - 00	Menu/Reset					
1 - 01	Ignition Auto Lock	Disabled	Enabled	Lock Only When Tach is Present	Unlock Only After Ignition is Shut Off	
1 - 02	Door Lock Options	Single Lock/Unlock	Single Lock/Double Unlock	Double Lock/Single Unlock	Double Lock/Double Unlock	
1 - 03	Lock Pulse Timing	800ms	100ms	3 seconds	8 seconds	1-255 seconds**
1 - 04	Unlock Pulse Timing	800ms	100ms	3 seconds	8 seconds	1-255 seconds**
1 - 05	Special Door Lock Options	Normal	Unlock Before /Lock After Start	Lock After Shutdown Only	Unlock Before /Lock After Start and Shutdown	Lock After Start Only
1 - 06	Special Disarm Options	Normal Disarm and With Unlock	Ignition, Accessory, GWR upon Unlock(Disarm)	Double Disarm Pulse		
1 - 07	Rearm Output	Normal Rearm With Lock and After Shutdown	With Lock Only	Only After Shutdown	Rearm with Lock, After Start, and After Shutdown	
1 - 08	Trunk Release Disarm	Unlock and Disarm Before Trunk	Disarm Only Before Trunk	Disarm and unlock sent out before trunk, once trunk is closed (trunk pin) lock and rearm pulse sent out	Trunk Only	
1 - 09	Trunk Pulse Timing	800ms	100ms	3 seconds	8 seconds	1-255 seconds**
1 - 10	Auxiliary Disarm	AUX Only	AUX with Disarm	AUX with Disarm and Unlock		
1 - 11	Passive Locking/Arming (door pin must be connected)	No Passive Arming	GWA only on with Passive Arming (30 seconds)	Locks and GWA with Passive Arming (30 seconds)	Locks and GWA with Passive Arming (60 seconds)	
1 - 12	Auto Relock (If no door is opened) (Door pin must be connected)	No Auto Relock	30 Seconds	1 Minute	2 Minutes	1-255 seconds**
1 - 13	Reservation Mode Lock (Manual transmission only)	Reservation Mode Will Set and Vehicle Will Shut Off With Press of Lock on Remote	Reservation Mode Will Set After Last Door Shut (No Lock)	Reservation Mode Will Set After Last Door Shut (With Lock)	Reservation Mode Will Set After Last Door Shut (5 sec Lock Delay)	

Menu 2 (Start Features)

Feature	Option 1 (Default)	Option 2	Option 3	Option 4	Option 5	
2 - 00	Menu Reset					
2 - 01	Selectable Relay Output (System reset does not change)	(+) Ignition Output	(+) Accessory Output	(+) Starter Output	(+) Trunk	OPT 5 - (+) PTS Brake OPT 6 - (+) Siren
2 - 02	Remote Start Runtime	15 Minutes	3 Minutes	45 Minutes	25 Minutes	1-255 Minutes**
2 - 03	Tach Delay (Under Crank)	No Delay	0.2 Second Delay	0.5 Second Delay	0.7 Second Delay	1 Second Delay
2 - 04	Diesel Wait Time	Glow Plug Wire Monitoring or No Delay	8 Second Delay before Crank	15 Second Delay before Crank	Ignition On/Off for 10 Seconds or Glow plug monitoring with crank on 2nd cycle	1-255 Seconds**
2 - 05	Multiplex Input	Disabled (AUX Alarm On)	On with Single Pulse Start/ Stop	On with Double Pulse Start/ Stop	On with Triple Pulse Start/ Stop	
2 - 06	Defrost Control Time	500ms	3.5 Seconds	4 min. Latch	On for runtime	1-255 Seconds**
2 - 07	Defrost Control Temperature	On Always Under Remote Start	Below 5 C / 41 F	Below -5 C / 23 F	Below -15 C / 5 F	
2 - 08	Cold Start Temperature Start	-10 C / 14 F	-5 C / 23 F	-15 C / 5 F	-20 C / -4 F	
2 - 09	Cold Start Check Time	2 Hour	3 Hour	4 Hour	Every 24 Hours	1-255 Hours**
2 - 10	Cold Start Runtime	10 Minutes	3 Minutes	15 Minutes	45 Minutes	1-255 Minutes**
2 - 11	Bypass Module (RS-232 Port)	iDatalink 2-Way Data Protocol	iDatalink 1-Way Data Protocol	Fortin 2-Way Data Protocol	Fortin 1-Way Data Protocol	Expresskit
2 - 12	Reservation Mode	Emergency Brake	Emergency Brake + Foot Brake Twice	Remote Activation Only	Emergency Brake Silent	Opt 5 - E-Brake + Brake Silent Opt 6 - Remote Silent
2 - 13	Engine Sensing	Tach Detection	Tachless (Auto Only)	Data Module Tach	Hybrid (No Tach Monitoring)	
2 - 14	Turbo Mode	Remote Activation 2 Minutes	Remote Activation 1 Minute	Automatic 2 Minutes (E-brake Required)	Automatic 1 Minute (E-brake Required)	
2 - 15	Extended Accessory After IGN Off (RAP)	Disabled	30 Seconds	1 Minute	2 Minutes	1-255 Seconds**

Menu 3 (Alarm Features)

Feature	Option 1 (Default)	Option 2	Option 3	Option 4	Option 5	
3 - 00	Menu Reset					
3 - 01	Park Light Output	Normal Flashes	Normal Flashes and on for 30 Seconds after Unlock or turn off with ignition on	Normal Flashes and on for 1 Minute after Unlock or turn off with ignition on	Normal Flashes and on for 1 Minute after Ignition Off	
3 - 02	Door Fault Delay	1 Second	10 Seconds	30 Seconds	Auto (1 minute max)	1-255 Seconds**

Menu 3 (Alarm Options cont'd)

Feature	Option 1 (Default)	Option 2	Option 3	Option 4	Option 5	
3 - 03	Alarm Option	Remote Start Only	Remote Start with Alarm	Alarm Only		
3 - 04	Alarm Duration	1 minute	30 seconds	2 Minutes	1 Minute Pulsing	1-255 Seconds**
3 - 05	Siren Output	Enabled	Alarm Trigger Only	Silent Lock/Unlock	Programming and Valet Only	
3 - 06	Horn Output	Enabled	Alarm Trigger Only	2nd Press Lock and Alarm	Silent Lock and Unlock	Programming and Valet Only
3 - 07	Horn Output Under Alarm	Pulsed for Alarm Duration	5 Second Pulsed Output	Constant Output (2nd Siren -)		
3 - 08	Horn Pulse Length	10ms	20ms	30ms	50ms	1-2550ms**
3 - 09	Valet Mode (IGN MUST BE ON)	Valet for Button 5 Seconds	Valet Button for 10 Seconds	Valet Button for 15 Seconds	Valet Button 20 Seconds	
3 - 10	OEM Hood PIN	Disabled	Enabled			
3 - 11	LED Flashing	Enabled	Disabled			
3 - 12	Safe Start	Press Start Button 1 x	Press Start Button 2 x			
3 - 13	OEM Remote Start Control	Disabled	Press OEM Lock 3 x to Start			
3 - 14	2 Button Remote Function	Lock and Start	Lock/Unlock Toggle and Start	Unlock and Start		

Menu 4 (Programmable Outputs)

Feature	Option 1 (Default)	Option 2	Option 3	Option 4	Option 5	
4 - 00	Menu Reset					
4 - 01	Trunk Release Function	Trunk Release	Latched			
4 - 02	Disarm Output PIN 1 (CN3)	(-) Disarm	(-) Rearm	(-) Lock	(-) Unlock	(-) 2nd Unlock
4 - 03	Rearm Output PIN 2 (CN3)	(-) Rearm	(-) Disarm	(-) Lock	(-) Unlock	(-) 2nd Unlock
4 - 04	GWA Output PIN 12 (CN3)	(-) Ground When Armed	(-) Ground When Running	(-) Accessory	(-) Starter	OPT 5 - (-)Light OPT 6 - (-) Ignition OPT 7 - (-) Disarm OPT 8 - (-) 2nd Unlock OPT 9 - (-) Defrost
4 - 05	(-) Ignition Output PIN 13 (CN3)	(-) Ignition	(-) Accessory	(-) Starter	(-) PTS Output Control	OPT 5 - (-)Dome OPT 6 - (-) GWR OPT 7 - (-) Disarm OPT 8 - (-) 2nd Unlock OPT 9 - (-) Defrost
4 - 06	(-) Accessory Output PIN 14 (CN3)	(-) Accessory	(-) Ignition	(-) Starter	(-) PTS Output Control	OPT 5 - (-)Dome OPT 6 - (-) GWR OPT 7 - (-) Disarm OPT 8 - (-) 2nd Unlock OPT 9 - (-) Defrost
4 - 07	(-) Starter Output PIN 15 (CN3)	(-) Starter	(-) Ignition	(-) Accessory	(-) PTS Output Control	OPT 5 - (-)Dome OPT 6 - (-) GWR OPT 7 - (-) Rearm OPT 8 - (-) 2nd Unlock OPT 9 - (-) Defrost
4 - 08	(-) Park Lite Output PIN 16 (CN3)	(-) Park Lite	(-) Ignition	(-) Accessory	(-) PTS Output Control	OPT 5 - (-)Dome OPT 6 - (-) GWR OPT 7 - (-) Rearm OPT 8 - (-) Horn OPT 9 - (-) Defrost
4 - 09	AUX 1 Output Timing	800ms	Latched	2 Seconds	4 Seconds	1 - 255 Seconds**
4 - 10	AUX 2 Output Timing	800ms	Latched	2 Seconds	4 Seconds	1 - 255 Seconds**
4 - 11	AUX 3 Output Timing	800ms	Latched	2 Seconds	4 Seconds	1 - 255 Seconds**
4 - 12	AUX 4 Output Timing	800ms	Latched	2 Seconds	4 Seconds	1 - 255 Seconds**
4 - 13	AUX 1 Function Control	Remote	Lock	Unlock	Active 30 Seconds After Unlock	Active 30 seconds after Lock Programmable (-) Outputs**
4 - 14	AUX 2 Function Control	Remote	Lock	Unlock	Active 30 Seconds After Unlock	Active 30 seconds after Lock Programmable (-) Outputs**
4 - 15	AUX 3 Function Control	Remote (2-Way Only)	Lock	Unlock	Active 30 Seconds After Unlock	Active 30 seconds after Lock Programmable (-) Outputs**
4 - 16	AUX 4 Function Control	Remote (2-Way Only)	Lock	Unlock	Active 30 Seconds After Unlock	Active 30 seconds after Lock Programmable (-) Outputs**

** Note – Specific times and features can only be programmed with the THHP (Titan Handheld Programmer)**