

# Quick Reference Install Guide

## 3108V Security System

### Wiring Connections

#### Primary Harness, White 12-pin connector

1	RED/WHITE	(-) 200mA TRUNK / AUX 1 OUTPUT (Channel 2)
2	RED	(+)12V CONSTANT - 15A FUSED (Main power input)
3	BROWN	(+) SIREN/HORN OUTPUT
4	YELLOW	(+) IGNITION INPUT (See Pre-Wired Starter Kill Relay)
5	BLACK	(-) CHASSIS GROUND
6	VIOLET	(+) DOOR TRIGGER INPUT
7	BLUE	(-) INSTANT TRIGGER INPUT
8	GREEN	(-) DOOR TRIGGER INPUT
9	BLACK/WHITE	(-) DOME LIGHT OUTPUT
10	WHITE/BLUE	(-) 200mA AUX 2 OUTPUT (Channel 3)
11	WHITE	(-)/(+) SELECTABLE PARKING LIGHT OUTPUT - 10A FUSED
12	ORANGE	(-) 500mA GROUND WHEN ARMED OUTPUT

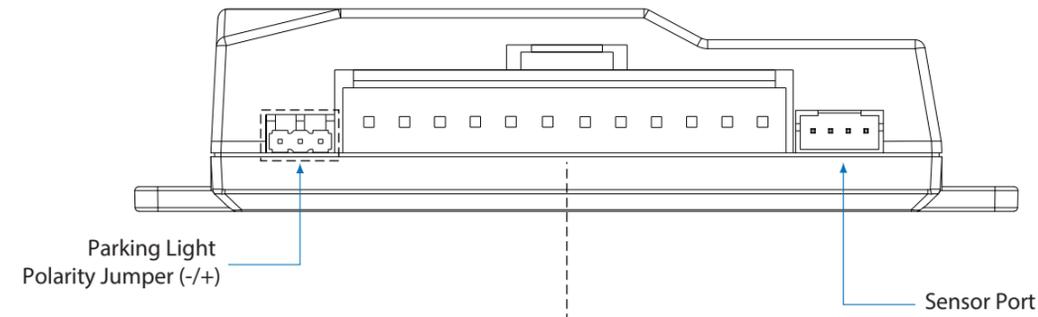
#### Door Lock, 3-pin connector

1	BLUE	200mA (-) UNLOCK OUTPUT / (+) LOCK OUTPUT
2	EMPTY	NOT USED
3	GREEN	200mA (-) LOCK OUTPUT / (+) UNLOCK OUTPUT

#### Pre-Wired Starter Kill Relay

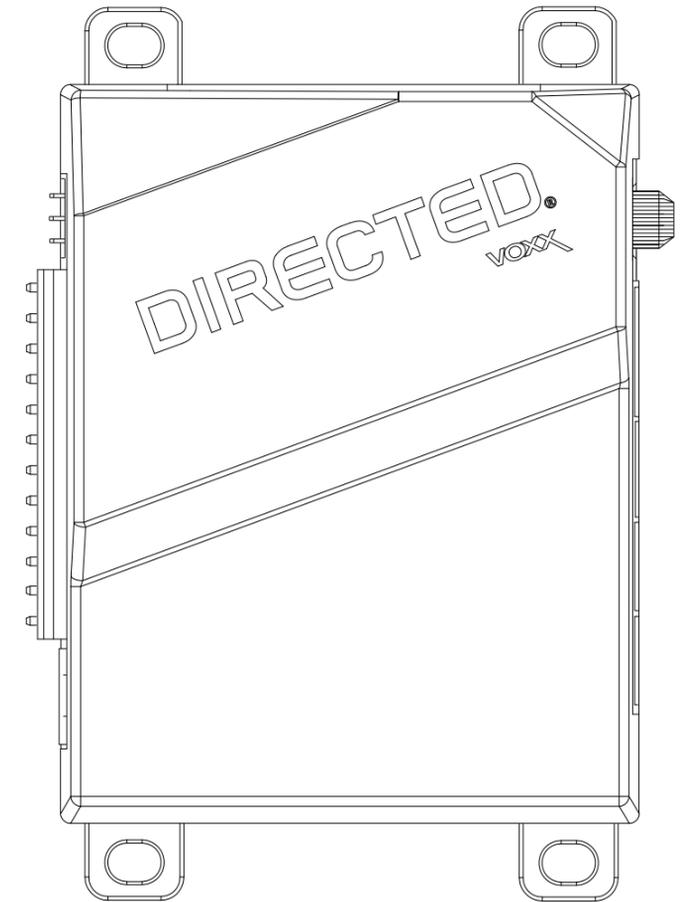
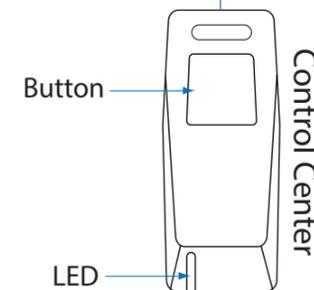
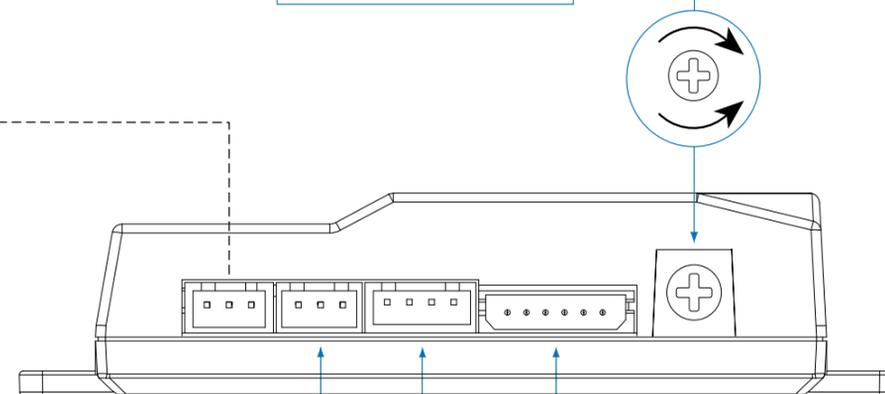
86	YELLOW	(+) IGNITION INPUT
30	GREEN	STARTER ISOLATION - KEY SIDE
87a	BLACK	STARTER ISOLATION - CAR SIDE

Important: NEVER connect low current outputs directly to a motor or high current circuit WITHOUT a relay.



#### Shock Sensor Adjustment

Clockwise = More Sensitive  
Counterclockwise = Less Sensitive



### Basic Remote Functions

Button	Function
	ARM
	DISARM
	PANIC
<b>AUX</b>	TRUNK / AUX

### Advanced Remote Functions

Button	Press Function	Hold Function
	AUX 2 (PRESS Together)	AUX 2 - VALIDITY (HOLD Together)
<b>AUX</b> Then	SILENT ARM	
<b>AUX</b> Then	SILENT DISARM	

## Programming System Features

System Features dictate how the unit operates. It is possible to access and change most of the feature settings using the Control Center button.

1. Open a door.
2. Turn the ignition ON, then OFF.
3. Within 5 seconds, press and hold the Control Center button. The number of siren chirps indicates the menu number. One chirp indicates Menu 1, (continue holding for Menu 2) Two chirps indicates Menu 2.
4. When the desired menu chirps are heard, release the Control Center button.
5. Press and release the Control Center button the number of times corresponding to the feature you wish to change. Then press and hold one more time to select the feature. Do not release the Control Center button.
6. While holding the Control Center button, you can program the feature using the remote control:  
To change options press; **LOCK** for Opt 1 and **UNLOCK** to cycle through Opt 2+.

Once a feature is programmed:

- Other features can be programmed within the same menu.
- Another menu can be selected.
- The Learn Routine can be exited if programming is complete.

To access another feature in the same menu:

1. Press and release the Control Center button the number of times necessary to advance from the feature you just programmed to the next one you want to program.
2. Then press the Control Center button once more and hold it.

To select another menu:

1. Press and hold the Control Center button.
2. After three seconds, the unit advances to the next menu and the siren chirps, indicating which menu has been accessed.

Programming routine exits if any of the following occurs:

- The open door is closed
- The ignition is turned ON
- There is no activity for 15 seconds
- The Control Center button is pressed too many times

## Remote Pairing (4-Button Auto Learn)

The system comes with two remote controls that have been paired to the control module. The control module can store up to four different remote control codes in memory. Follow the procedure below to pair additional or replacement remotes. For alternate pairing configurations and channel options, see 'Remote control (transmitter) configurations' in the full installation guide.

1. Open a door.
2. Turn the ignition ON.
3. Press and release the Control Center button 7 times and then press and hold the Control Center button once more. The siren chirps and the LED blinks 7 times indicating the **4-Button Auto Learn** channel is accessed. Do not release Control Center button.
4. While holding the Control Center button, press the **LOCK** button on the remote control you want to pair. The siren chirps indicating successful pairing.

Programming routine exits if any of the following occurs:

- The open door is closed
- The ignition is turned OFF
- There is no activity for 15 seconds
- The Control button is pressed too many times

## Feature Menus

Default settings are in **bold** type.

### Menu 1: Basic Features

Feature #	Option 1 setting	Option 2+ setting
1-1	<b>Active arming</b>	Passive arming
1-2	<b>Chirps: ON</b>	Chirps: OFF
1-3	<b>Ignition controlled door locks: ON</b>	Ignition controlled door locks: OFF
1-4	<b>Active locking only</b>	Passive locking
1-5	<b>Panic w/ ignition</b>	No Panic w/ ignition
1-6	<b>Door lock pulse duration: Opt 1: 0.8 sec</b>	Opt 2: 3.5 sec Opt 3: 0.4 sec
1-7	<b>Forced passive arming ON</b>	Forced passive arming OFF
1-8	Automatic Engine Disable ON	<b>Automatic Engine Disable OFF</b>
1-9	<b>Armed When Driving</b>	Vehicle Recovery System (VRS)
1-10	<b>Code Hopping™ ON</b>	Code Hopping OFF

## Reset and Delete

**Important:** The 'Delete all transmitters & Reset features' option resets all programmed settings to their default factory state. Before performing this procedure, it is recommended to make note of all programmed changes.

1. Open a door.
2. Turn the ignition ON.
3. Press and release the Control Center button 9 times and then press and hold the Control Center button once more. The siren chirps and the LED blinks 9 times indicating the **Delete all transmitters & Reset features** channel is accessed. Do not release Control Center button.
4. While holding the Control Center button, press the **LOCK** button on any paired remote control. The siren chirps indicating the **Delete all transmitters & Reset** procedure was successful and chirps again to confirm exit from programming routine.

Programming routine exits if any of the following occurs:

- The open door is closed
- The ignition is turned OFF
- There is no activity for 15 seconds
- The Control button is pressed too many times

### Menu 2: Advanced Features

Feature #	Option 1 setting	Option 2+ setting
2-1	<b>Siren</b>	Horn Honk
2-2	<b>30 second siren duration</b>	60 second siren duration
2-3	<b>NPC*: ON</b>	NPC: OFF
2-4	<b>Progressive door trigger</b>	Instant door trigger
2-5	<b>Override pulse count: 1</b>	Override pulse count: (2), (3), (4), (5)
2-6	<b>Door trigger error chirp: ON</b>	Door trigger error chirp: OFF
2-7	<b>Ignition controlled dome light: ON</b>	Ignition controlled dome light: OFF
2-8	<b>Single unlock pulse</b>	Double unlock pulse
2-9	<b>Single lock pulse</b>	Double lock pulse
2-10	<b>Channel 3 functionality: Opt 1: Validity</b>	Opt 2: Latched Opt 3: Latched reset with ignition Opt 4: Timed (30-Second) Opt 5: Factory Alarm Disarm Opt 6: Factory Alarm Trigger Opt 7: Second Unlock Output
2-11	Comfort Closure: (ON, 20 sec)	<b>Comfort Closure: OFF</b>
2-12	Real Panic Sound: ON	<b>Real Panic Sound: OFF</b>

## Long Term Event History

The system stores the last two full triggers in memory. These are not erasable. Each time the unit sees a full trigger, the older of the two triggers in memory is replaced by the new trigger. To access long term event history:

1. With the ignition OFF, press and hold the Control Center button.
2. Turn the ignition ON.
3. Release the Control Center button.
4. Within 5 seconds, press and release the Control Center button. The status LED flashes (in groups) indicating the last two security zones triggered the system. This will occur for 60 seconds or until the ignition is turned OFF. Refer to 'Table of Security Zones'.

Note: The Warn Away triggers are not stored to memory and are not reported.

## Table of Security Zones

It is recommended to test each security zone after installation to ensure proper functionality. After triggering the alarm, the status LED will flash 1- 5 times identifying each input zone as shown below:

Zone	Description	Input Description
1	Instant trigger: input	Blue Wire (12-pin harness)
2	Instant trigger (Heavier impact detected by the shock sensor)	On-board Shock Sensor.
3	Door switch trigger	Green or Violet Wire (12-pin harness)
4	Instant trigger: optional sensor	Sensor Port (optional)
5	Ignition trigger	Yellow Wire (12-pin harness)

## DirectLoader / Bitwriter - Only Options



Bitwriter programming gives you access to a wider range of system options. These features and the adjustments that may be programmed are described under the Bitwriter section in the full online guide. Feature Programming (learn routine) can only be locked and unlocked with the Bitwriter option.

Example of options:

Menu Item	Feature	Default	Option 2
1	Ignition Controlled Lock	Ignition Controlled Lock ON	Ignition Controlled Lock OFF
2	Ignition Controlled Unlock	Ignition Controlled Unlock ON	Ignition Controlled Unlock OFF
3	Siren Duration	30 second siren duration	1-180 seconds (in 1 second increments)

## Guide Translations

For a Spanish (La traducción al Español) or French (Traduction en française) version of the Installation Guide, please download it from [www.directechs.com](http://www.directechs.com) under "Resources".

## Scan QR for full Installation Guide

Looking for replacement parts?  
The full installation manual now includes individual part numbers for each item included in this kit (ex. P/N: 150-112233).  
Scan QR code below for more information.



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