



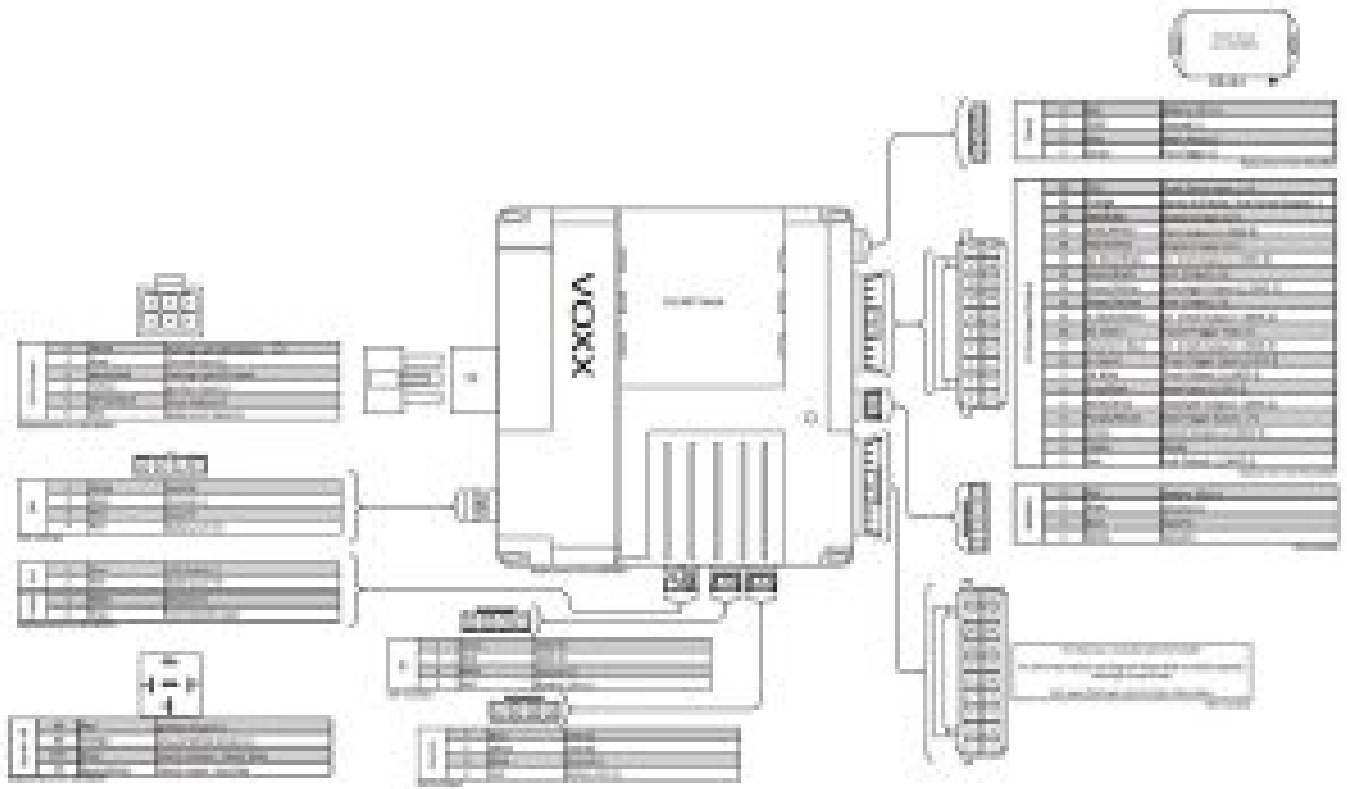
VOXX PRESTIGE APS596Z Security w/Keyless Entry System User Guide

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APS596Z
Security w/Keyless Entry
System Layout





APS596Z
Security w/Keyless Entry

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Quick Installation Guide

For Complete Installation Guide and Technical Support
Please Visit www.voxxuniversity.com Or Call 1-800-225-6074
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Notifications

Alarm

When the alarm is triggered the system will provide feedback to the user. Upon disarm, the system will beep 4x and flash the LED to indicate the Alarm Trigger Zone.

1	Shock
2	Trunk/Hood
3	Door

Chirp Delete

System ARM/DISARM chirps can be toggled ON or OFF without entering the Feature

Bank programming.

1. Turn the ignition key ON/OFF.
2. Press and release the valet button three (3) times.

The system will respond with one (1) chirp for ON and two (2) Chirps for OFF. This feature will not affect alarm triggers or programming.

User Programmable LED

System LED notifications can be turned ON or OFF without entering Feature Bank programming.

1. Turn the ignition key ON/OFF, ON/OFF.
2. Press and hold the valet button for five (5) seconds.

The LED will flash one (1) time for ON, two (2) times for OFF. This feature will not affect LED flash during programming.

Shock Sensor

The shock sensor should be mounted to a solid surface in the center of the vehicle.

Once mounted the shock sensor will require adjustment.

To increase sensitivity: Turn adjustment dial clockwise.

To decrease sensitivity: Turn the adjustment dial counterclockwise.

To test sensitivity, strike the vehicle with an open palm. Adjust the dial to provide coverage to as much of the vehicle as possible.

Factory Keyless Upgrade

The APS596Z can be used without transmitters as a Factory Keyless Alarm Upgrade. Arm / Disarm 1 input will be connected to the Driver Door Lock Motor. Arm / Disarm 2 inputs will be connected to the Passenger Door Lock Motor and/or the Lock Switch. The control polarity, by default, will be detected automatically upon power-up. The Control polarity can also be manually configured using Feature Bank 2, Features 18-21.

Note: If this feature is supported by FLCAN Arm / Disarm Wires are not required for install.

The Trunk Shunt input will be used if the vehicle is equipped with a factory power trunk/hatch release.

If equipped, connect the Trunk Shunt input to the factory trunk release trigger wire. The control polarity, by default, will be detected automatically upon power-up.

The control polarity can also be manually configured using Feature Bank 2, Feature 22.

Remote Programming

The APS596Z includes two (2) programmed remotes. If required, additional remotes can be programmed to the system. Remote Programming is located in Feature Bank 1. To enter

Remote Auto Programming:

1. Turn the ignition key on ON.
2. Press and release the valet button three (3) times.

The system will beep and flash the parking lights one (1) time.
Press the lock button on each remote. The system will beep one (1) times to indicate the remote has been programmed. Only primary remote functions are auto-programmed.
This Includes Lock, Unlock, and Trunk/Start.
If using the AUX output control, the remote channel must be manually programmed to the system AUX output. Please see the complete installation guide for manual remote programming instruction.
Note: If programming 2-Way remotes, wait for the remote to beep before programming another remote. This beep is confirmation that a 2-Way response has been received from the main module.

Feature Programming

The APS596Z Feature Banks can be programmed by using the valet button and the OEM or Prestige remote. To enter Feature Bank programming:

- 1. Turn the ignition key on ON.
- 2. Press and release the valet button three (3) times. The system will beep and flashlights one (1) time for Feature Bank 1, Remote Programming.
- 3. Cycle ignition key OFF/ON. The system will beep and flashlights two (2) times for Feature Bank 2.
- 4. Press the valet button to cycle features. LED will flash to display the feature number.
- 5. Press the lock button to cycle options. The system will beep to indicate the option number.

To exit the Programming cycle ignition key OFF and wait ten (10) seconds. The System will also automatically exit programming after sixty (60) seconds of no activity.

Dome Delay Programming

This system can be programmed to ignore the vehicle’s theater dimming dome light. This feature will be used when connecting the door trigger input to the dome light circuit for the alarm trigger. Note: Vehicle windows should be open to prevent accidental locking of keys in the vehicle.
Start with all doors closed and the vehicle dome light off.

- 1. Press Lock, Unlock, Lock, Unlock, Lock, Unlock, Lock. LED will light solid.
- 2. Open and close the driver’s door.

The system will monitor the dome light circuit. When the dome light turns off the system will set the delay time and add an additional two (2) seconds.

Dome Delay Reset

- 1. Key ON/OFF, ON/OFF, ON/OFF.
- 2. Press and hold the valet button for five (5) seconds.

The system will beep one (1) time to indicate reset is complete.

The Feature Bank below can also be programmed using the FlashLogic Weblink or Weblink Mobile. Please visit www.FlashLogic.com for more detail.

	Options
Features	

			1 Chirp	2 Chirp	3 Chirp	4 Chirp	5 Chirp	6 Chirp
F e a t u r e s	1	Lock / Unlock Function	500ms	3.5sec	500ms L, DB L UL	DBL L, 500ms UL	DBL L, DBL UL	500ms L, 350ms UL
	2	Ignition Lock	OFF	ON				
	3	Ignition Unlock	OFF	Unlock All	Unlock Driver			
	4	Exterior Illumination	OFF	With Arm	With Disarm	With Arm & Disarm		
	5	Auto Relock	OFF	Auto-Lock Only	Auto-Lock & Arm			
	6	Auto Arming / Locking	OFF	Auto Arm Only	Auto-Lock & Arm			
	7	Notification Sound	Both	Siren	Horn			
	8	Horn Timing	16ms	30ms	40ms	50ms	10ms	
	9	Valet Override Method	Valet	Custom Code	Stand Alone Valet			
	10	Driver Priority Unlock	OFF	ON				
	11	Silent Choice	OFF	From Transmitter	OEM Style			
	12	Security Profile	All On	Doors Off	Hood/trunk Off	All Off	All On w/ OEM RS	
	13	Door Trigger Input	Negative	Positive				
	14	Park Light / Trunk Swap	OFF	ON				
	15	Data Port Protocol	ADS	DBI				
	16	1 or 2 Wire Disarm	2 Wire	1 Wire				
	17	Disarm Input	120ms Dr. OR Pass	80ms Dr. OR Pass	120ms, UL & Light	80ms, UL & Light		
	18	Arm 1 Input	Auto-Detect	Positive	Negative			
	19	Disarm 1 Input	Auto-Detect	Positive	Negative			
	20	Arm 2 Input	Auto-Detect	Positive	Negative			

2 1	Disarm 2 Input	Auto-Detect	Positive	Negative			
2 2	Trunk Shunt Input	Auto-Detect	Positive	Negative			
2 3	Dome Light Delay Timer	OFF / Program	15sec	30sec	45sec	60sec	120sec
2 4	Alarm Trigger Length	30sec	45sec	60sec	90sec	120sec	

Important Update:

The default data port protocol of this system is ADS. When flashing the FLCAN, or another integration module, be sure to choose iDatalink 2-Way as the installation method.

This module will also support DBI. This will require programming Feature Bank 2, Feature 15 to DBI. For Technical Support Visit www.voxxuniversity.com or Call 1-800-225-6074.

Negative Output Control (NOC)

Negative output control allows any NOC to be programmed for any one of the options below. This feature is accessible via FlashLogic Weblink or Weblink Mobile.

Lock Output	Ground While Armed (GWA)
Unlock Output	Ground While Disarmed (GWD)
2nd Unlock Output	Ch. 3 ALT Output
Trunk Output	Ch. 4 AUX Output
Dome Light Output	Ch. 5 AUX Output
Head Light Output	Ch. 6 AUX Output
Horn Output	Ch. 7 AUX Output
LED Output	

AUX Output Control

Any AUX output can be configured using the AUX Control Menu. This feature is only accessible via FlashLogic Weblink or Weblink Mobile.

1 Second Pulse	20 Second Pulse
5 Second Pulse	30 Second Pulse
10 Second Pulse	Push & Hold
15 Second Pulse	Latch ON/OFF

PIC Input Control

Programmable Input Control allows any PIC to be configured to one of the options listed below. This feature is accessible via FlashLogic Weblink or Weblink Mobile.

Door Trigger	Instant Trigger
N.C. Door Trigger	Pre-Warn Shock Trigger
Hood Trigger	Fill Shock Trigger
Trunk Trigger	

Data Protocol Selection

The default data port protocol of this model is ADS (iDatalink 2-Way). This model is capable of detecting the correct data port protocol (ADS or DBI) and automatically configuring Feature Bank 2; Feature 18. To initialize the detection procedure:

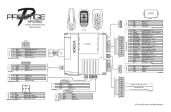
1. Press and hold the valet button.
2. Cycle the vehicle's Ignition ON/OFF two (2) times.
3. Release the valet button.

The system will automatically detect and set the correct data port protocol, ADS, or DBI.

Note: This feature is only available on module firmware v2.0 or higher.

Notes

Documents / Resources

	VOXX PRESTIGE APS596Z Security w/Keyless Entry System [pdf] User Guide VOXX, PRESTIGE, Security, Keyless, Entry System, APS596Z
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