

## AVI-SD

### AVI Security Device

*Works in tandem with the latest Diablo Controls AVI-X transmitter*



#### Features

- ❖ Ensures site security if a transmitter is stolen.
- ❖ Spring Cage Clamp connections for years of trouble free operation in high vibration environments.
- ❖ Lever actuated terminals make connecting wires quick and easy.
- ❖ 45 degree terminals for easy routing of wiring.
- ❖ Uses 12 VDC typical of most vehicle electrical systems.
- ❖ Plug and play. Connect it up and watch it work.
- ❖ Small profile, perfect for most installations.
- ❖ Power LED to assist in installation troubleshooting.



AVI-SD Web Page

#### OVERVIEW

This security device communicates with the Diablo Controls AVI-X transmitter every time the unit is powered up. Without this coded handshake, the transmitter will remain disabled, thus ensuring the transmitter will be useless if stolen.

#### MARRIED FOR LIFE

Every AVI-SD device has a unique identification number. When an AVI-X transmitter is connected and the system is powered up, the AVI-X will check for the existence of an AVI-SD with the correct identification number. If the AVI-SD is not found or the correct identification number is not received, the transmitter will not operate.

The first time the AVI-X is powered up while connected to an AVI-SD, the AVI-X will marry itself to that AVI-SD device. From that point forward, that AVI-X will only work if connected to that AVI-SD device. If a transmitter is stolen the AVI-SD can be married to another AVI-X transmitter.

#### LED INDICATORS

The green Power LED will be on steady to indicate the security device is operating and powered with the proper 12 VDC. The red Alternate Code LED will turn on when the alternate code switch is activated.

#### SPECIFICATIONS

<b>Operating Voltage:</b>	11VDC - 16VDC
<b>Operating Current:</b>	<10 milliamps (not including AVI-X Transmitter)
<b>Operating Temperature:</b>	-35°F to 165°F (-37°C to 74°C)
<b>Physical Size:</b>	1.55" H x 2.90" W x 1.62" D

#### CONNECTIONS

7 position spring cage clamp terminal block for high reliability in a high vibration environment. Terminal assignments (from left to right):

- 1 - Power +12VDC
- 2 - Power Ground
- 3 - Transmitter Power
- 4 - Transmitter Ground
- 5 - Transmitter Auxiliary Function
- 6 - Alternate Code Switch
- 7 - Switch Ground

**NOTE: Only AVI-X transmitters manufactured after May of 2015 support the use of the AVI-SD device.**

Visit our Website at [www.diablocontrols.com](http://www.diablocontrols.com) for the most current information on all of our products. Specifications are subject to change.



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