

# AVI-X

## AVI Transmitter



### Features

- ❖ 19,683 codes to choose from.
- ❖ Can be programmed to transmit two sets of up to four different codes in each set.
- ❖ Uses 12 VDC typical of most vehicle electrical systems.
- ❖ Comes preprogrammed with the desired codes.
- ❖ No switches to set.
- ❖ Small profile, perfect for many installations.
- ❖ Compatible with receivers made by Detector Systems, IDC, US Traffic, and Reno A&E.

The AVI-X is an Automatic Vehicle Identification (AVI) transmitter capable of transmitting multiple codes and encased in a rugged housing. It can transmit up to four different codes out of 19,683 possible codes. It is compatible with existing systems from Detector Systems, IDC, US Traffic, and Reno A&E.

The AVI-X can be used with our AVI-SD security device. When paired together, the security device communicates with the AVI-X transmitter every time the unit is powered up. Without this coded handshake, the transmitter will be disabled, thus ensuring the transmitter will be useless if stolen.

The AVI-X has an extra wire that can be attached to a switch normally mounted somewhere in the cab of the vehicle. This switch can cause the AVI-X to transmit a secondary set of codes while the switch is activated. When the switch is deactivated, the transmitter will revert back to its primary set of codes. The primary and secondary sets of codes can each have one to four codes in them and codes can be in both sets.

The transmitter is typically attached to the front under carriage of the desired vehicle and the positive power wire is connected to a switched DC power source.

The AVI-X comes factory preset with the ordered code(s) installed. The code(s) are easily changed if necessary. However, for security reasons, this must be done by the factory. Please contact the factory for any programmed code changes.

### SPECIFICATIONS

**Operating Voltage:** 10VDC - 15VDC protected from momentary overvoltage and/or voltage reversal.

**Operating Current:** 20 to 80 milliamps depending on the code(s) being sent.

**Operating Temperature:** -40°F to 176°F (-40°C to 80°C)

**Physical Size:** Base: 4.5" dia x 1.0" high, Bolt: 4.5" high, Weight: 17 oz.

**Frequency:** 375KHz and complies with FCC part 15 for unlicensed operation.

**Codes:** 19,683 possible. Up to four can be sent in a set.

**Transmission Speed:** Codes are sent once every 15 milliseconds.

**Humidity:** 100% relative humidity

**Fuse:** Recommend adding 1A fast-acting fuse prior to power attachment point (Not included)

**Power Cable:** 20 foot, four conductor, spiral wound cable.

### ORDERING INFORMATION

**AVI - X** There is only one version of this product. Please consult with the sales department to specify the codes to be programmed into the transmitter.

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.



Proudly Made in USA  
Veteran Owned & Operated

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