AVI-X Automatic Vehicle Identifier (AVI) Transmitter
A Simple Solution to a Complex Problem

- Over 19,000 codes to choose from

- Can be programmed to transmit 2 different codes

- Operates on 12 volts DC

- Comes preprogrammed with the desired codes

- No switches to set

- Small profile, perfect for many installations

- Responds to transmitters made by Detector Systems, IDC, US Traffic, and Reno A&E

Overview
The AVI-X is a dual code transmitter encased in rugged housing. It can transmit up to 19,683 different codes using the standard Motorola code format. Furthermore, it is compatible with existing systems such as Detector Systems, IDC, US Traffic, and Reno A&E.

There are two models available: the AVI-X-1 and the AVI-X-2. The -1 model will constantly transmit its single code as long as power is applied to the unit. The -2 model has an extra cable attachment to a switch normally mounted somewhere on the dashboard. This model will transmit its primary code continuously unless the switch is pressed. As long as the switched is pressed, the transmitter will transmit its secondary code. When the switch is released, the transmitter will revert back to its primary code

The transmitter is typically attached to the under carriage of the desired vehicle and the two wires are hooked into the switched DC power source usually located some place on the dashboard.

The transmitter comes factory preset with the programmed 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.

Voltage
12VDC (10 to 15 volts DC) protected from momentary overvoltage and/or voltage reversal

Current
20 to 80 mA depending on the code.

Frequency
375 kHz and complies with FCC part 15 for unlicensed operation

Codes
Any two codes between 1 and 19,683 using the standard Motorola trinary format.

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Transmission Speed
Code is transmitted once every 15 ms

Operating Temperature
-30°F to 140°F (-34°C to 60°C)

Humidity
100% relative humidity

Fuse
Recommend adding 1A fast-acting fuse prior to cable attachment points (Not included)

Power Cable
20', two conductor cable

Size
Base: 4.5" diameter x 1.0" high
Bolt: 4.5" high
Weight: 17 oz

Ordering Information
AVI-X-n
      n = 1 =1 code only
      n = 2 = dual codes (AVI-X-2 pictured)

Proudly Made In USA
Veteran Owned & Operated

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Visit our Website at www.diablocontrols.com for the most current information on all of our products.
Specifications are subject to change.
AVI-X_CUT_A   2/11/2014