

DA-660 and other Options for Long Range Drive-Alert Installations

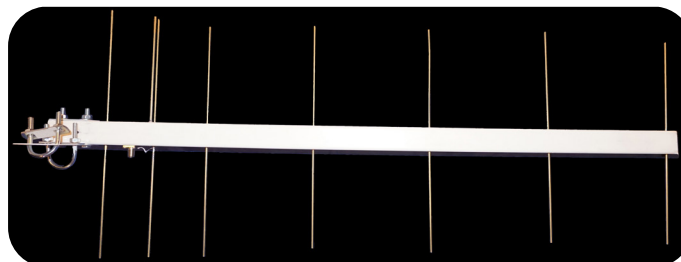


The **DA-660 Reception Booster Antenna** is perfect when monitoring remote buildings or equipment:

This antenna is used to increase the standard reception distance of 1300-feet, to up to 8/10-mile from the Sensor/Transmitter to the Control Panel/Receiver.

DA-660 Antenna Specifications:

- * 34" Long, 13" Wide, 1" High and weighs approximately 1 pound
- * Frequency = 434 mHz
- * Impedance = 75 Ohms
- * Gain = 10.6 dB
- * Type = 7 Element Yagi



Installation of the DA-660 Reception Booster Antenna:

STAY CLEAR OF POWER LINES WHEN INSTALLING the DA-660 Long Range Antenna!

The DA-660 Reception Booster Antenna is equipped with clamps at the back of the antenna for mounting to a 3/4-inch mast pipe. The antenna can also be mounted indoors such as in an attic space, and in this case can be simply laid across the rafters. Note: DO NOT OVERTIGHTEN BOLTS.

For maximum range, point the antenna directly toward the Transmitter Box of the DA-610TO, DA-611TO or DA-612TO Sensor/Transmitters.

The Antenna and Drive-Alert Control Panel are connected by standard **75 Ohm TV coaxial cable, RG6**, at whatever length is necessary. The cable must be firmly attached to the "F" Connectors on the Antenna and on top of the Control Panel/Receiver. If used outdoors, wrapping the connector with black plastic tape will give many years of use. After mounting and connecting the antenna, turn on the Sensor/Transmitter in the vicinity of the control panel to check that the system is working properly. If the system is responding correctly, the Sensor/Transmitter can be mounted in the desired location.



The **DA-611TO and DA-612TO Sensor/Transmitters** allows installers to increase transmission distance:

The Sensor(s) is/are outside the Transmitter Box, and attached to the Transmitter by a 50-foot cable (cable lengths up to 1000 feet are available). This allows the sensor probe to be buried under or next to the driveway or area to be monitored, and the transmitter box to be hidden up to 50' away or placed high above ground for an increased transmitting range. The sensor should be buried 6-12 inches below ground and the cable 3-6 inches below ground. Mier **HIGHLY RECOMMENDS** burying the cable in 1/2-inch PVC pipe to protect it. **Try the Sensor and Transmitter locations above ground for a week, before burying the Sensor and cable.**

Note: installation instructions come with these Sensor/Transmitters when ordered, or are available for download on our website.

DA-611TO



DA-612TO



Options for Long Range Drive-Alert Installations *continued*

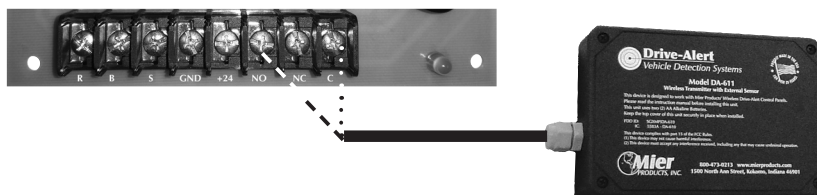
The **DA-REPEATER Wireless Signal Repeater** and **DA-100CP Receiver Chime** are perfect for providing additional alerts in remote buildings. If a site has multiple buildings and/or locations where an alert is desired, the DA-REPEATER can be attached to any DA-500, DA-600, DA-605 or DA-700 Drive-Alert. It will repeat the alert signal to other wireless Control Panel/Receivers (such as the DA-100CP or DA-700CP) up to an additional 1000 feet away (or up to 3/4 mile if a DA-660 is used - see below). The DA-REPEATER comes with 10 feet of cable with a black and red wire inside; they are not polarized, so it does not matter which wire hooks up to which terminal. The DA-REPEATER requires two (2) AA Lithium batteries and must be turned on.

To install the DA-REPEATER, to a **DA-600, DA-605 or DA-700**, attach one wire to the last "NO" terminal and the other to the last "C" terminal as shown here.



To install the DA-REPEATER to a **DA-500**, attach one wire to the "NO" terminal and the other to the "C" terminal as shown here:

**DA-500 Whistle Switch
MUST be OFF**



The address codes inside the Drive-Alert DA-REPEATER are pre-set as standard "000" (No Jumpers) to match the pre-set codes of Mier's DA-100, DA-600, DA-605 or DA-700 Wireless Drive-Alert Control Panels. However, these may be changed if more than one system is used, or to avoid false alarms from a neighbors Drive-Alert system. **REMEMBER, if you change the code in a DA-REPEATER, you must also change the codes in the Control Panels you want to signal, BUT NOT the Control Panel the DA-REPEATER is hooked-up to which must remain on the same code as the sensor/transmitter by the drive or area it is monitoring. This is not an issue if it is hooked-up to a DA-500.** Below is a photo of the factory standard "000" (No Jumpers) as well as an example of changing the code to "001" by adding a jumper to the A1 Pin:

Standard Address Pre-set code is
(000) with no jumper(s)



Example of changing the address code by
placing a jumper over a set of pins (001)



The **DA-100CP Long Distance Remote Chime** allows the easy addition of chimes to other buildings. The DA-100CP is actually a self-contained Control Panel/Receiver on its own, and receives a signal from up to 1300-feet of any of Mier's wireless Sensor/Transmitters, OR a DA-REPEATER (shown above), and provides a pleasant tone as an alert. It also includes volume control. Note: installation instructions come with the DA-100CP when ordered or are available for download on our website.

Please contact our Free Lifetime Tech Support Team and we will be happy to use available satellite imagery of your installation site, and provide you with information on the products needed, and locations for each piece to meet your installation/application goals.

Don't forget to check out our website for cut-sheets, manuals, installation examples, and information on more products!