

Drive-Alert

Vehicle Detection Systems



Hard-Wired DA-505 Timer Control for lights, sirens, surveillance, etc.



The DA-505 Timer Control is an optional feature for the Drive-Alert. This DA-505 Timer, when wired to a Drive-Alert master control panel and plugged into a 120 volt wall receptacle, will automatically turn on a maximum load of 10 amps worth of lights, sirens, surveillance equipment, or other warning devices when the Drive-Alert's sensor is activated. These warning devices will remain "on" for the amount of time you designate in the DA-505 Timer Control panel – adjustable from 1 to 45 minutes.

DA-505 TIMER CONTROL INSTALLATION:

1. Remove hood screws and hood from Timer Control
2. Using 3 wires of at least 22 gauge, 24 inches long, slide the wire through the grommet of the Timer Control and attach to the terminal block inside as shown in Diagram "A" below.
3. Connect the other end of the wires to the Drive-Alert terminal block as shown in diagram "A".
4. Replace the hood and hood screws of the DA-505 Timer Control and plug both it and the Drive-Alert into a 120 VAC receptacle. The Drive-Alert and Timer Control must be separated at least 24 inches.
5. Plug the warning devices into the receptacle on the bottom of the DA-505 Timer Control.
6. Push the rocker switch to "Reset." The switch will automatically spring to timer position and the unit is ready for operation.

DA-505 TIMER CONTROL OPERATION:

1. When the DA-500 Drive-Alert is activated by moving metal, any connected wiring device plugged into the Timer Control receptacle will activate for approximately one minute.
2. If a long period of time is desired for the warning devices to remain activated, adjust the timer knob to the time required.

NOTE: Disconnect the Timer Control from 120 VAC before adjusting or connecting wires!



3. The Rocker switch on the Timer Control may be pushed to "manual" to keep the warning devices "on" continuously.
4. To reset the warning devices before the timed period has elapsed or to take the Timer Control out of "Manual" position, simply push the spring-loaded "Reset" side of the rocker switch and the warning devices are again ready to activate.

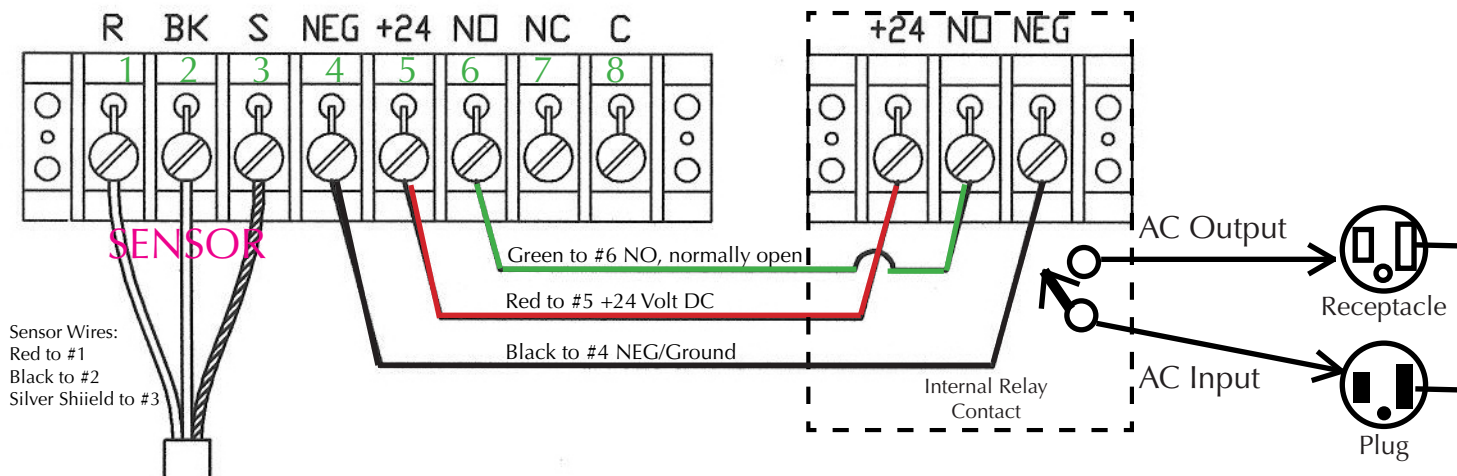
Diagram A = DA-505 hook-up to a Drive-Alert control panel

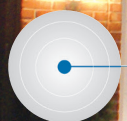
Drive-Alert Control Panel



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

DA-505





Drive-Alert

Vehicle Detection Systems



Hard-Wired DA-505W Timer Control for lights, sirens, surveillance, etc.

The **DA-505W** Timer Control is an optional feature for the Drive-Alert. This DA-505W Timer, when wired to a Drive-Alert master control, will automatically turn on a maximum load of 10 amps worth of lights, sirens, surveillance equipment, or other warning devices when the Drive-Alert's sensor is activated. These warning devices will remain "on" for the amount of time you designate in the DA-505W Timer Control panel – adjustable from 1 to 45 minutes.

CAUTION: Disconnect all power from the 120 VAC source FIRST!

DA-505W TIMER CONTROL INSTALLATION:

1. Remove hood screws and hood from Timer Control
2. Using 3 wires of at least 22 gauge, 24 inches long, slide the wire through the grommet of the Timer Control and attach to the terminal block inside as shown in wiring diagram "B."
3. Connect the other end of the wires to the Drive-Alert terminal block as shown in diagram "B."
4. Connect the two (2) BLACK LEADS in series with the 120 volt source and the load (lights, etc). See Diagram B.
5. Replace the hood and hood screws of the DA-505 Timer Control. The Drive-Alert and Timer Control must be separated at least 24 inches. Plug the Drive-Alert into a 120 VAC receptacle. NOW, turn on the 120 volt power source.
6. Push the rocker switch to "Reset." The switch will automatically spring to timer position and the unit is ready for operation.

DA-505W TIMER CONTROL OPERATION:

1. When the DA-500 Drive-Alert is activated by moving metal, the interval relay will provide a N.O. contact that will close for approximately one minute. This **contact closure** will provide power to the load. See Diagram B.
2. If a long period of time is desired for the warning devices to remain activated, adjust the timer knob to the time required.
3. The Rocker switch on the Timer Control may be pushed to "manual" to keep the warning devices "on" continuously.
4. To reset the warning devices before the timed period has elapsed or to take the Timer Control out of "Manual" position, simply push the spring-loaded "Reset" side of the rocker switch and the warning devices are again ready to activate.



Diagram B = DA-505W hook-up to a Drive-Alert control panel

Drive-Alert Control Panel



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

DA-505W

