

## Installation Instructions - Page 1/3

### Contents:

The MIS-09 Intercom System consists of the following components:

1) MIS-09 Intercom Unit



1) Hand Held Microphone with mounting clip attached to 12 pin connector



1) Small microphone for mounting in outside rear view mirror

1) 10 foot power cable

1) Strain Relief for Hand Held Mic



1) Paging Horn for mounting under the hood



or



1) Siren Amplifier Module



1) Siren Speaker



or



### Installation Instructions:

1) The Intercom unit has four mounting holes on the edges.



Hold the unit under the dash of the vehicle and screw it to the underside of the dash using these holes.



Under Dash



2) Install the horn and siren speaker under the hood of the vehicle and run their wires under the dash to the rear of the intercom unit.



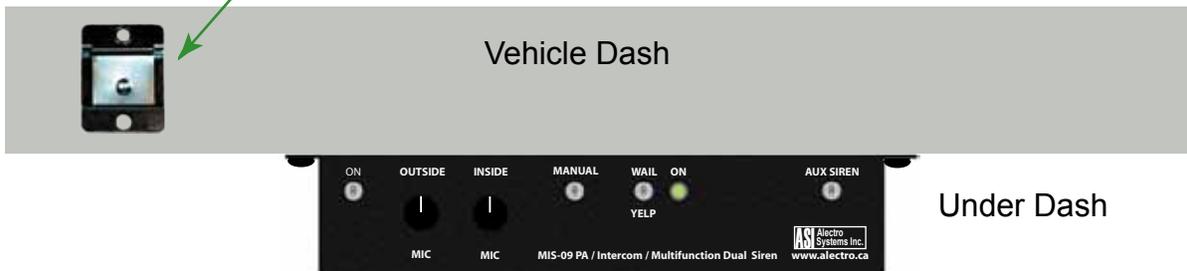
3) Install the small microphone in the driver side rear view mirror and run its wire to the rear of the Intercom unit. Separate instructions are included on page 3 for this.



4) Run the power cable from the vehicle fuse block to the rear of the intercom unit. Don't install the fuse, you don't want power in the wire yet. The Black wire connects to -12V (Ground) and the Red (or White) to +12V. 3 amps is a good fuse size.

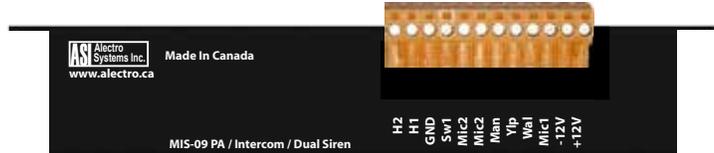
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5) Install the hand held microphone mounting clip on the dash of the vehicle within reach of the driver. Use screws in the top and bottom screw holes. Be sure to mount it with the slot opening facing up.

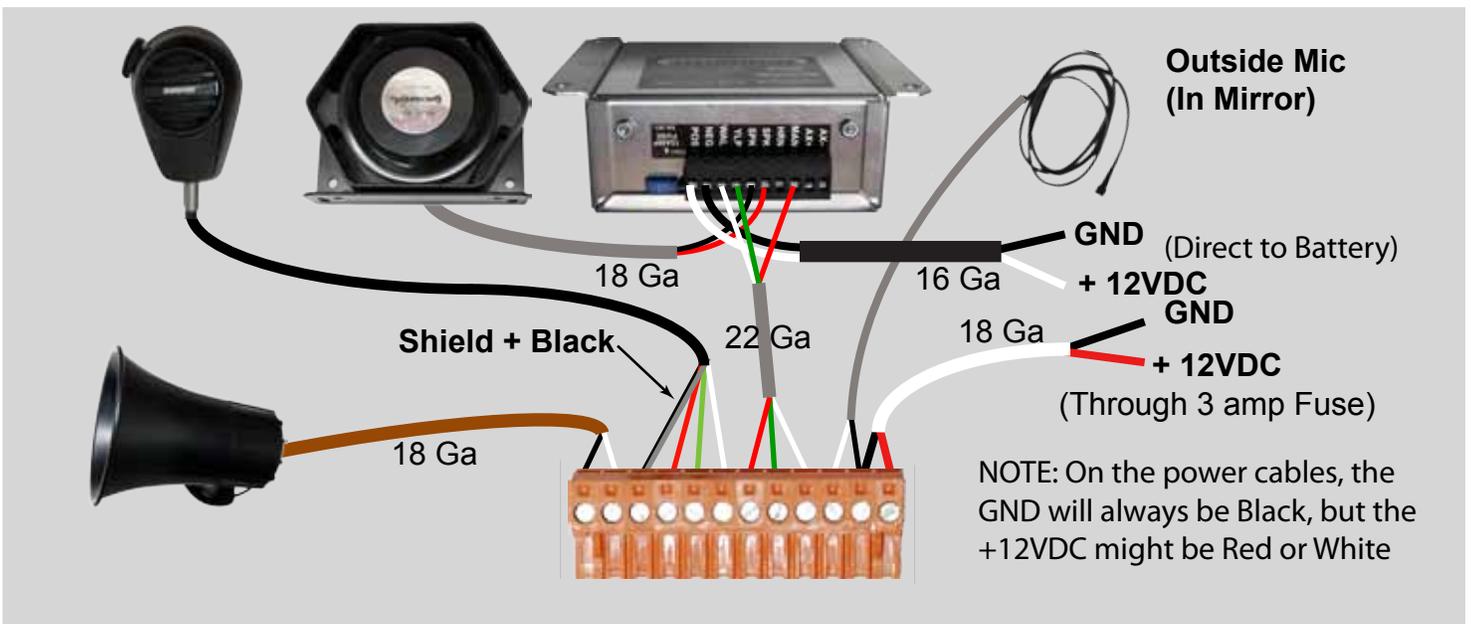


6) Install the siren amplifier under the dash. It doesn't need to be visible to the driver but it needs to be close enough to the main unit for the wires to reach the connector.

7) In the rear of the Intercom unit, there is a 12 pin connector which the 12 pin terminal strip plugs into. The connections are labeled under the connector.



8) The connections are shown below. Note that some wire colors in your kit might be different. For more details on the siren amplifier installation, refer to the enclosed documentation on the SA361.



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9) Use the strain relief wire clamp included with the intercom unit as a strain relief for the hand held microphone cable. You can bend it around the wire and attach it to the chassis as shown here.



10) Once everything is installed and connected, test the system as described in the data sheet.

Although the outside microphone we have chosen for the MIS Series Intercom Systems is as water resistant as we can get, there are no miniature microphones which will operate properly while they are wet.

When installing the outside microphone, you should mount it in a way that it will not be exposed to direct water pressure from rain or a car wash.

For example, you might mount the microphone on the underside of the driver side mirror facing toward the door, as shown below.



**Microphone facing away from water source**

You can drill a small hole, just large enough for the shaft of the microphone ( $17/64$ " or 6.77mm), smaller than the head, in the housing of the mirror and attach the microphone using silicone glue. **Be careful not to get glue over the head of the microphone.**

You can then run the wire through the mirror and into the door of the vehicle.

