

Introduction and Features

The IGN-1 phantom ignition module is ideal for use in vehicles that do not have a traditional accessory wire available. Many CAN-Bus equipped vehicles do not have an ignition or accessory lead behind the radio, for triggering aftermarket accessories.

In these applications, the IGN-1 can be used to supply a switched accessory wire where needed.

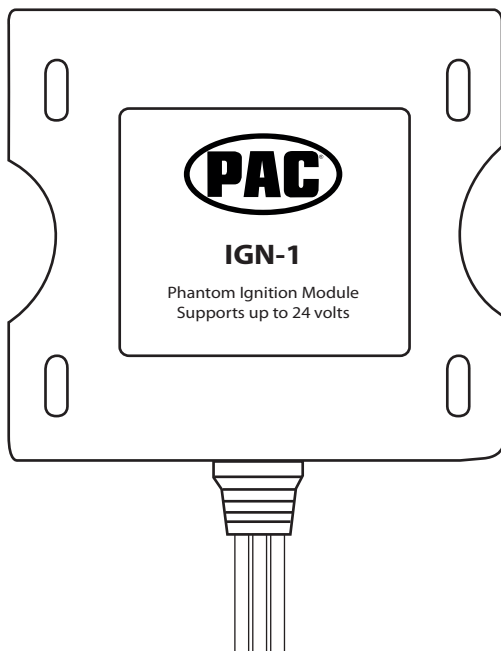
After a quick, 3-wire installation, the IGN-1 monitors the electrical activity in the vehicle on the constant power line, and identifies when the vehicle is running, and provides an ignition trigger for use with aftermarket accessories.

IGN-1 is designed to operate at 5 amps of current or less.

NOTE: Not intended for vehicles that feature stop-start technology.

If your vehicle has stop-start technology, please use a PAC IGN-2 (Latching Phantom Ignition Module).

Wiring Information



1. Black - Connect to chassis ground
2. Red - Connect to constant power + (up to 24 volts) 5 amps max.
3. Blue - Switched accessory output (once triggered)

Operation

IGN-1 monitors the Red wire (constant power) and looks for voltage drops and spikes associated with a running engine. When the vehicle's engine is running the module will provide voltage output on the Blue wire.

The output on the Blue wire will be equal to the voltage supplied to the Red wire, up to 24 Volts.

Troubleshooting

If there is no output on the Blue wire while the vehicle is running, verify the power and ground wire connections are solid.

Verify that your vehicle does not feature stop-start technology. This is where the gas engine shuts off while the vehicle is stopped and restarts when the vehicle starts moving again.

If your vehicle has stop-start technology, please use a PAC IGN-2 (Latching Phantom Ignition Module).

