



## PVA9180

### Innovative Portable Radio Communications

The PVA9180 units are designed to enhance the SRP9180/70 portable radios capabilities when operated in vehicles. Two models are available to suit most applications.

- 5 level battery status indication.
- Auto charge cut out for input voltages outside range.
- Battery under/over temperature stand-by.
- Keyed alike lock mechanism.
- Auto secure on insert.
- 8 watt external audio output (Model II).
- BNC external antenna connection (Model II).
- External mic audio input (Model II).
- External speaker audio mute input (Model II).
- Optional Extended voltage operating range.
- Optional ignition sense OFF/ON.



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multiple analogue & digital modes

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## General Specifications

Battery Charging	Maximum 2 Ampere hour rate. Constant voltage Li-Ion optimised
Standby Current	<10 mA with no battery inserted
Input Protection	Reverse polarity protected
Operating Voltage	13.8 VDC nominal (10-16 V DC) (optional 32 V DC maximum operating voltage)
External Audio Output (Model II)	8 watts into 4 ohm @ <3% distortion
External Mic Input (Model II)	100 mV, 4.7 kΩ
Lock	Pin tumbler, tubular key
Dimensions	224 mm (H) x 113 mm (W) x 87 mm (D)
Weight	625 g
Connectors	DB15: power and I/O RJ45: remote speaker microphone (Model II) BNC: external antenna (Model II)

Note: Specifications based on standard operating conditions and may differ between models.

## Model I

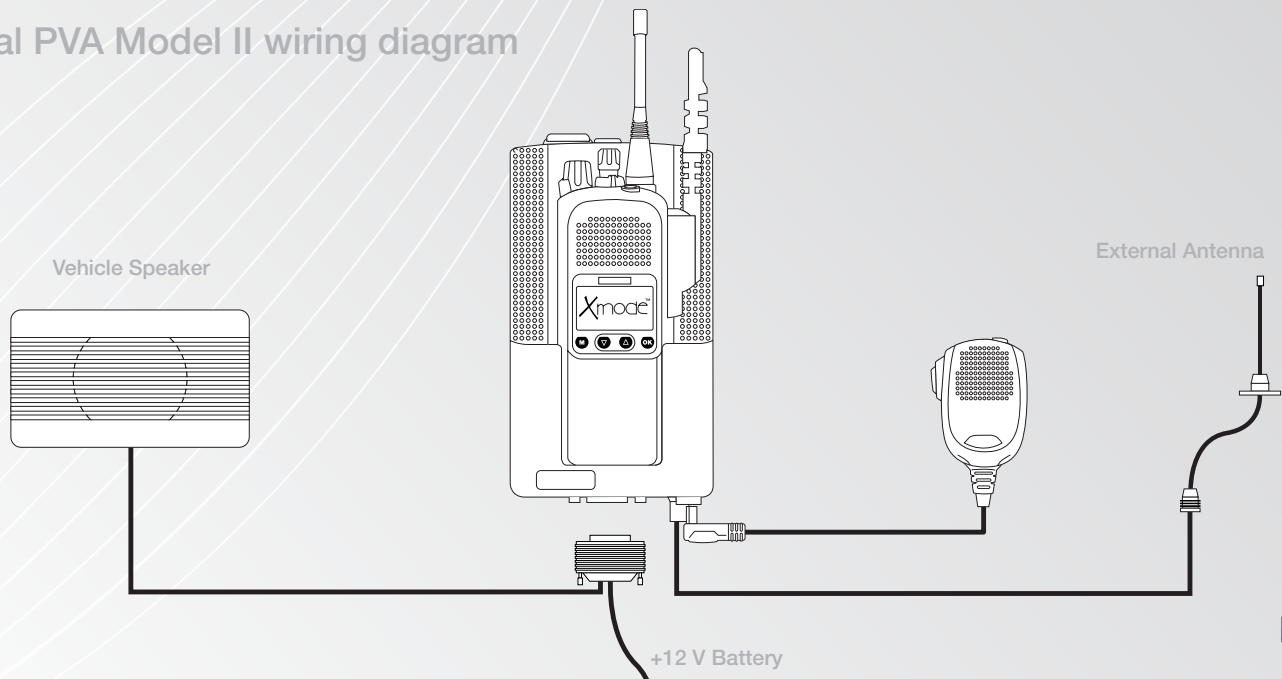
The model I PVA allows a SRP9180/70 radio to be charged in a vehicle using the onboard DC voltage. The unit also automatically physically secures the portable so it cannot be displaced once inserted. Additionally, it provides a key lock mechanism to further secure the portable radio inside the unit.

The portable radio can be charged whether it is powered On or Off and LED indicators provide user feedback of current state of charge and operational status.

## Model II

In addition to the features above, the Model II provides mobile like functionality by providing connection of an external antenna and loudspeaker as well as connection of a handset or fist microphone.

## Typical PVA Model II wiring diagram



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