

APX NEXT Vehicle Charger PMPN4640_ Quick Start Guide and Safety Leaflet



MN009408A01-AA

The related manuals are available at <https://learning.motorolasolutions.com> through publication part numbers:

- MN009407A01 (Online User Guide)
- MN009444A01 (Installation Guide)

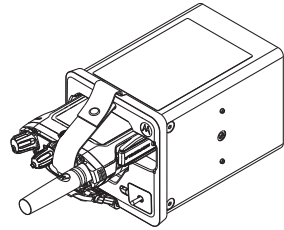
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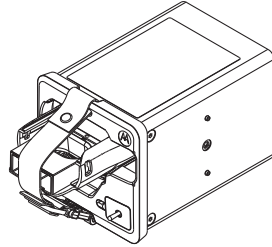
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Charging Secured Radio in Vehicle Charger



Charging Secured Battery with Adapter in Vehicle Charger



LED Indicators

Table 1: Battery Charging Indicators









LED Indicator	Description
Blinking Red 	Battery is unable to charge or no proper contact with the charger.
Blinking Amber 	Battery is recognized by charger but is waiting to rapid charge. The battery temperature is too low or high, low voltage, or charger may be too hot for rapid charging. When this condition is corrected, the battery automatically begins rapid charging.
Single Blinking Green 	Power is applied to the charger and the ignition switch has been turned On.
Blinking Green 	Battery is charged to 90 % or greater capacity. Charger is in trickle charge mode.
Steady Red 	Battery in rapid charge mode.
Steady Green 	Battery is charged to 95 % or greater capacity. Charger is in maintenance charge mode.

Table 1: Battery Charging Indicators

LED Indicator	Description
Alternating Red and Green 	Battery has completed charging and is fully charged. Battery continues to be usable, but may be nearing the end of battery rated service life. Applicable only for APX NEXT XN battery. Battery has been exposed to cumulative over temperature. It is recommended to remove the battery from the service.
Alternating Amber and Green 	Battery must be reconditioned or recalibrated in an IMPRES 2 desktop charger. Batteries not calibrated does not display fuel gauge on IMPRES 2 radio.

Safety and General Information



WARNING

All batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys or beaded chains touches exposed terminals. The material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse or other container with metal objects.

Do not replace or charge batteries in potentially explosive atmosphere. Contact sparking may occur while installing or removing batteries and cause an explosion.

Due to the risk of electrical shock or other physical injury, never insert your hands into the charger pocket.

Product Safety and RF Exposure Compliance



Caution

Before using this product, read the Product Safety and RF Exposure booklet enclosed with your radio which contains important operating instructions for safe usage and RF energy awareness and control for Compliance with applicable Standards and Regulations.



WARNING

Operational Warnings

Vehicles With an Air Bag

Do not place a portable radio or install radio communications equipment in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a portable radio is placed in the air bag deployment area and the air bag inflates, the radio may be propelled with great force and cause serious injury to occupants of the vehicle.

- Installation of vehicle communication equipment should be performed by a professional installer/technician qualified in the requirements for such installations. An airbag's size, shape, and deployment area can vary by vehicle make, model, and front compartment configuration (e.g. bench seat vs. bucket seats).
- Contact the vehicle manufacturer's corporate headquarters, if necessary, for specific airbag information for the vehicle make, model, and front compartment configuration involved in your communication equipment installation.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn your radio off and remove it from the charger when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off two-way radio." Obey all signs and instructions.



Caution

Operational Cautions

Efficient System Operation

- All equipment must be properly grounded according to Motorola Solutions installation instructions for safe operation.

All equipment should be serviced only by an authorized technician.

Notes