

 **SCOSCHE**<sup>®</sup>

**INVERT 150**

# INCLUDED ELEMENTS

## A. 150W Power Inverter

Convertisseur 150W/ Inversor de 150W

### 1. LED Indicators (2)

Indicateurs DEL (2) / Indicadores LED (2)

### 2. USB-C Port

Port UBC-C / Puerto UBC-C

### 3. USB-A Port

Port UBC-A / Puerto UBC-A

### 4. AC Outlet

Sortie CA / Salida de CA

### 5. Power Cord Input

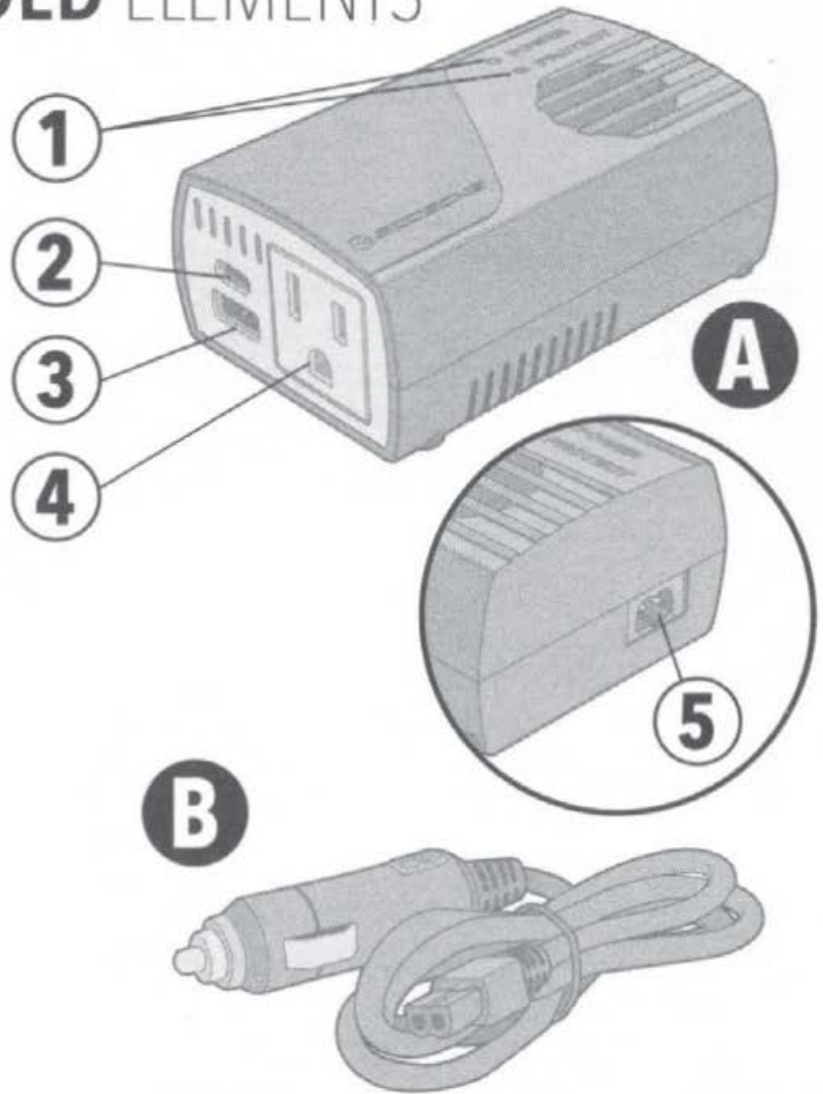
Entrée du câble de puissance 12V

Entrada del cable de alimentación

## B. 12V Power Cord

Câble de puissance 12V

Cable de alimentación 12V



## SPECIFICATIONS

Input: 12-15V  $\equiv$  20A

AC Output: 110V  $\sim$  60Hz,  
150W  $\equiv$  1.4A

USB-C Output: 5V  $\equiv$  3.0A max.

USB-A Output: 5V  $\equiv$  2.4A max.

Total Shared Output: 5V  $\equiv$  3.4A max.

## SPÉCIFICATIONS

Entrée : 12-15V  $\equiv$  20A

Sortie CA : 110V  $\sim$  60 Hz,  
150W  $\equiv$  1,4A

Sortie USB-C : 5V  $\equiv$  3,0 A max.

Sortie USB-A : 5V  $\equiv$  2,4 A max.

Sortie totale partagée : 5V  $\equiv$  3,4 A max.

## ESPECIFICACIONES

Alimentación: 12-15V  $\equiv$  20A

Salida de CA: 110V  $\sim$  60Hz,  
150W  $\equiv$  1,4A

Salida de USB-C: 5V  $\equiv$  3,0 A max.

Salida de USB-A: 5V  $\equiv$  2,4 A max.

Salida compartida total: 5V  $\equiv$  3,4 A max.

# USING THE **Pi150M**

**Preliminary: Make sure your 12V socket is in working condition.** Plug the 12VDC power plug into your 12v socket to turn on the **Pi150M**. The LED will illuminate green to confirm the unit is on.

## **LED INDICATORS** (Green LED = Power On / Red LED = Power Protection Mode)

The unit will enter power protection mode in the following conditions:

- Low Input Voltage – when the input voltage drops below 10-11VDC.
- High Input Voltage – when the input voltage exceeds 15-16VDC.
- Thermal Protection – when the internal temperature exceeds 185°F (85°C).
- Overload Protection – when a consistent load exceeds 166W or USB output current exceeds 5.6A.

## UTILISATION DU **Pi150M**

**Étape préparatoire : Assurez-vous que votre prise 12V est en bonne condition de marche.**

Branchez la câble d'alimentation 12VCC dans votre prise 12V pour allumer le **Pi150M**. La DEL verte s'allumera pour confirmer que l'appareil est en marche.

## **INDICATEURS DEL** (DEL verte = Mise en marche / DEL rouge : Mode protection de puissance)

L'appareil entrera en mode protection de puissance dans les conditions suivantes :

- Entrée de voltage basse – lorsque le voltage d'entrée descend sous 10-11VCC.
- Entrée de voltage élevée – lorsque le voltage d'entrée excède 15-16VCC.
- Protection thermique – lorsque la température interne excède 85°C (185°F).
- Protection contre les surcharges – Lorsqu'une charge consistante excède 166W ou le courant de sortie USB excède 5,6A.

## USO DEL **Pi150M**

**Preliminar: Verifique que su enchufe de 12V esté en buenas condiciones.** Enchufe el cable de 12V en su enchufe de 12v para encender el **Pi150M**. El LED se iluminará en verde para confirmar que la unidad está encendida.

## **INDICADORES LED** (LED verde = Encendido /LED rojo = Modo de protección de potencia)

La unidad entrará en el modo de protección de potencia ante las siguientes condiciones:

- Bajo voltaje de entrada – cuando el voltaje de entrada cae por debajo de 10-11VCC.
- Alto voltaje de entrada – cuando el voltaje de entrada excede 15-16VCC.
- Protección térmica – cuando la temperatura interna excede 85°C (185°F).
- Protección contra sobrecarga – cuando una carga constate excede los 166W o cuando la corriente de salida USB excede 5,6A.

## IMPORTANT NOTES

- When the **Pi150M** enters power protection mode it will automatically reset once the unit's conditions return to normal. For questions or concerns please contact our Tech Support at **1-800-363-4490 ext. 1**.
- The cooling fan will automatically turn on and off to keep the unit in the correct operating temperature range. Normally the fan will be on for 15 seconds and off for a minute or longer, depending on the power draw.

## TROUBLESHOOTING

<b>Red power protection light is on</b>	<ol style="list-style-type: none"><li>➊ Unplug the unit from your 12V accessory port. Disconnect any cables from the AC input and/or the USB inputs.</li><li>➋ Plug the unit back into the 12V accessory port. If the red light goes off reconnect one device at a time. If the light goes back on try to connect another device instead. <b>Important note:</b> Check that the maximum watt rating of the connected AC device is not greater than 150W. If it is, the safety circuit will be triggered.</li><li>➌ If the red light does not go off when there are no connected devices, try the inverter in another vehicle.</li><li>➍ If it works in another vehicle there may be a problem with your car's battery or charging system. Please contact Scosche at <b>1-800-363-4490 ext. 1</b> for additional troubleshooting steps.</li></ol>
<b>No power to the unit</b>	<ol style="list-style-type: none"><li>➊ If your vehicle is already in accessory mode or "On" and there is no power to the unit, go to step 2.</li><li>➋ Connect another device to your car's 12V input like a USB car charger.</li><li>➌ If that device works correctly, unscrew the end of the Inverter's car socket adapter and check the fuse. If it looks burned or damaged replace it with a 25A automotive fuse. This can be found at an auto parts store.</li><li>➍ If that device does not work either, you may have a blown car fuse. Please check your car's user manual for instructions on replacing the fuse.</li></ol>

## SAFETY PRECAUTIONS

**FOR USE WITH 12V POWER OUTLETS ONLY. NOT FOR USE WITH CIGARETTE LIGHTER SOCKETS.**

**Warning:** The output of this device is 110VAC, the same as a typical wall outlet. We recommend the following precautions when using this device to prevent personal injury.

- Do not insert foreign objects into the AC outlet or ventilation openings in the inverter.
  - Do not place the power inverter near any flammable materials, fumes or gasses.
    - Do not open the inverter; there are no user serviceable parts inside.
      - Do not expose the inverter to moisture.
  - This device is not a toy. Keep the power inverter and its parts away from children.
    - Do not leave the power inverter unattended while in use.
    - Always disconnect the power inverter when not in use.

Additionally, the following guidelines will help ensure proper operation and prevent damage to the inverter.

- Do not block any of the ventilation openings on the **Pi150M**.
- Do not place in a glove box, console or other small enclosure with poor air circulation.
- Do not place the inverter on or near heating vents or any equipment that generates heat.
  - Avoid exposure to heat from direct sunlight.
  - Do not use the inverter outdoors.

### WARNING

This unit employs components that tend to produce arcs or sparks – To prevent fire or explosion, do not install in compartments containing batteries or flammable materials.

### CAUTION

- For continued protection against risk of fire, or electric shock replace only with same type and ratings of fuse
- To prevent fire, do not cover or obstruct ventilation openings. Do not mount in zero-clearance compartment.  
Overheating may result.
  - Risk of Electric Shock, metal enclosure is not bonded to ground, test before touching.

For complete warranty details, please visit us at [www.scosche.com](http://www.scosche.com) or call (800) 363-4490

Register your product online at [www.scosche.com/register](http://www.scosche.com/register)

## FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Canadian Compliance Statement

This device complies with Industry Canada license exempt RSS standard(s). Operation is subject to the following two condition: (1) this device may not cause interference and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class [B] digital apparatus complies with Canadian ICES-003.

CAN ICES-3 (B)/NMB-3(B)

## Invert 150 How-To Video...



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**Designed in Oxnard, California**

SI **Pi150M** 1/23