

TITLE Title Page

IBM Personal System/2  
Car Battery Adapter for  
Model L40 SX  
Operating Instructions

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IBM Personal System/2  
Car Battery Adapter  
for Model L40 SX  
Operating Instructions

PICTURE 1

This manual explains how to operate the IBM Personal System/2 Car Battery Adapter for Model L40 SX (hereafter may be referred to as the *Car Battery Adapter*) and describes its specifications.

This option consists of the Car Battery Adapter.

**Note:** The hardware drawings in this publication might look slightly different from your hardware.

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*FRONT\_1 Special Notices*

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Personal System/2

PICTURE 2

*NOTICES Notices*

The following statement applies to this IBM product. The statement for other IBM products intended for use with this product will appear in their accompanying manuals.

**Federal Communications Commission (FCC) Statement**

**Note:** 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 an IBM authorized dealer or service representative for help.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. Proper cables and connectors are available from IBM authorized dealers. IBM is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following 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.

**CAUTION:**

This product is equipped with a 3-wire power cord and plug for the user's safety. Use this power cord in conjunction with a properly grounded electrical outlet to avoid electrical shock.

**Canadian Department of Communications compliance statement**

This equipment does not exceed Class B limits per radio noise emissions for digital apparatus, set out in the Radio Interference Regulation of the Canadian Department of Communications.

**Avis de conformité aux normes du ministère des Communications du Canada**

Cet équipement ne dépasse pas les limites de Classe B d'émission de bruits radioélectriques pour les appareils numériques, telles que prescrites par le Règlement sur le brouillage radioélectrique établi par le ministère des Communications du Canada.

**Model L40 SX Battery Adapter**  
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**Model L40 SX Battery Adapter**  
Chapter 1. Using the Car Battery Adapter

*1.0 Chapter 1. Using the Car Battery Adapter*

This chapter provides step-by-step procedures for operating the IBM Personal System/2 Model L40 SX Car Battery Adapter (may be referred to as the *Car Battery Adapter* in this manual).

**Notes:**

1. You can use a cigarette lighter socket whose output voltage is 12 V dc; not 24 V dc.
2. This car battery adapter is designed to be used only on "minus grounded cars." If you do not know which polarity is grounded, refer to the maintenance manual for your car.
3. If a cigarette lighter socket is covered with cigarette ash, clean it.
  - a. Turn off the computer.
  - b. Plug the DC output connector of the car battery adapter into the computer 1. Plug the DC input connector into the cigarette lighter socket on your car 2. The power-on indicator 3 turns green. This shows you that the car battery adapter is receiving power.

**Note:** If input voltage drops below 10.5 V dc, the power-on indicator turns from green to orange; the audible alarm sounds intermittently.

PICTURE 3

- c. Turn on the computer.

*2.0 Chapter 2. Car Battery Adapter Specifications*

Subtopics

2.1 Physical Characteristics

2.2 Electrical Characteristics

2.1 Physical Characteristics

<b>Weight</b>	770 g
<b>Height</b>	58 mm
<b>Width</b>	81 mm
<b>Depth</b>	150 mm

**Model L40 SX Battery Adapter**  
Electrical Characteristics

2.2 *Electrical Characteristics*

<b>Input Voltage</b>	10.5 to 16 V dc (Nominal 12 V dc)
<b>Output Voltage</b>	15 V dc
<b>Output Current</b>	2.7 A maximum
<b>Output Power</b>	40 watts