

Car Battery Charger

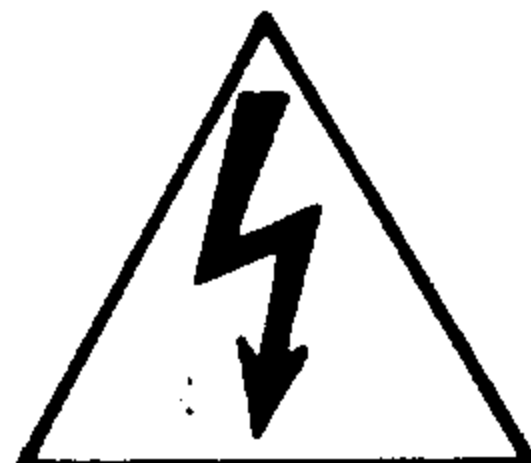
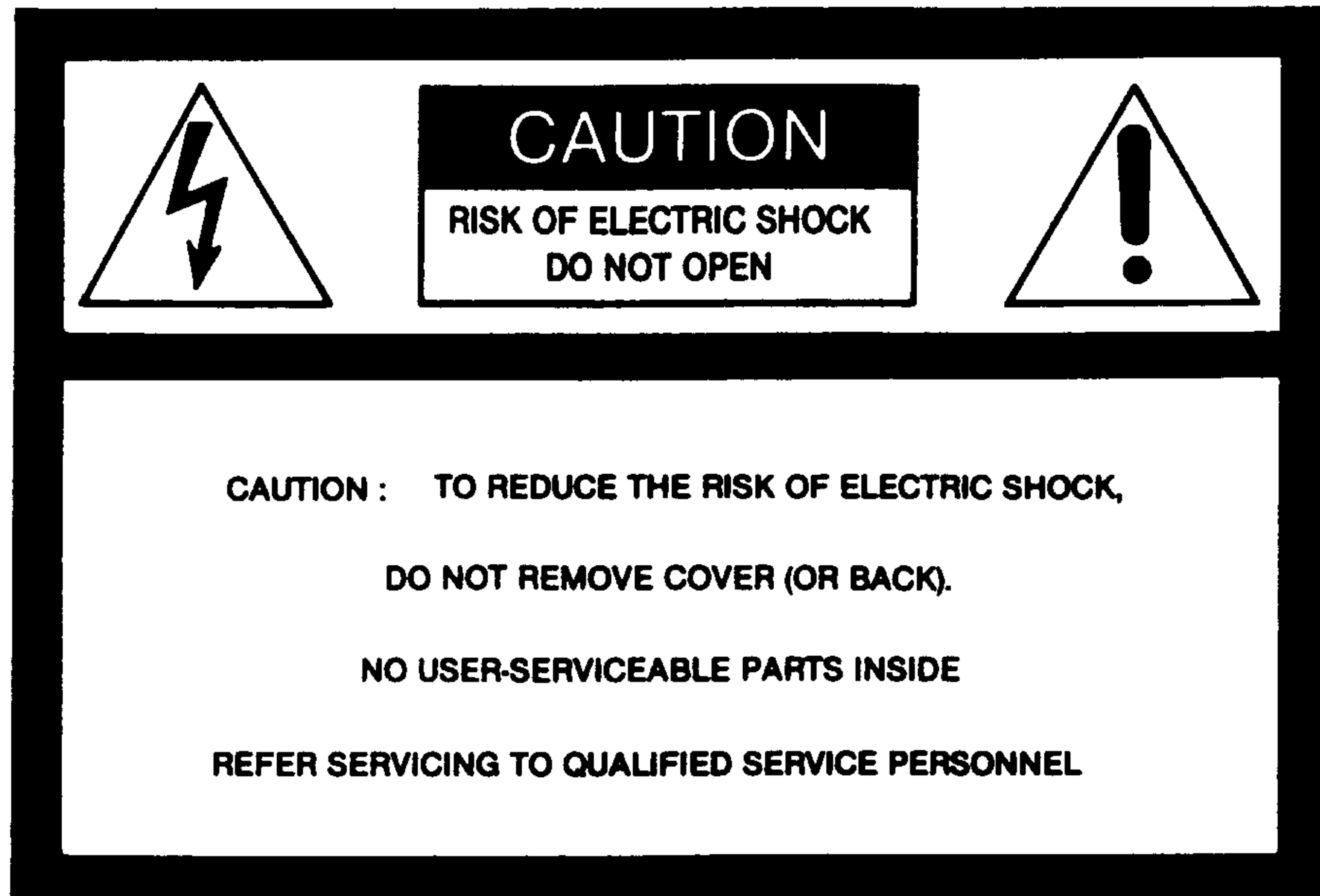
DC-V30

Operating Instructions page 4**Mode d'emploi** page 11**Manual de instrucciones** página 17

FILE COPY
Do not remove

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.



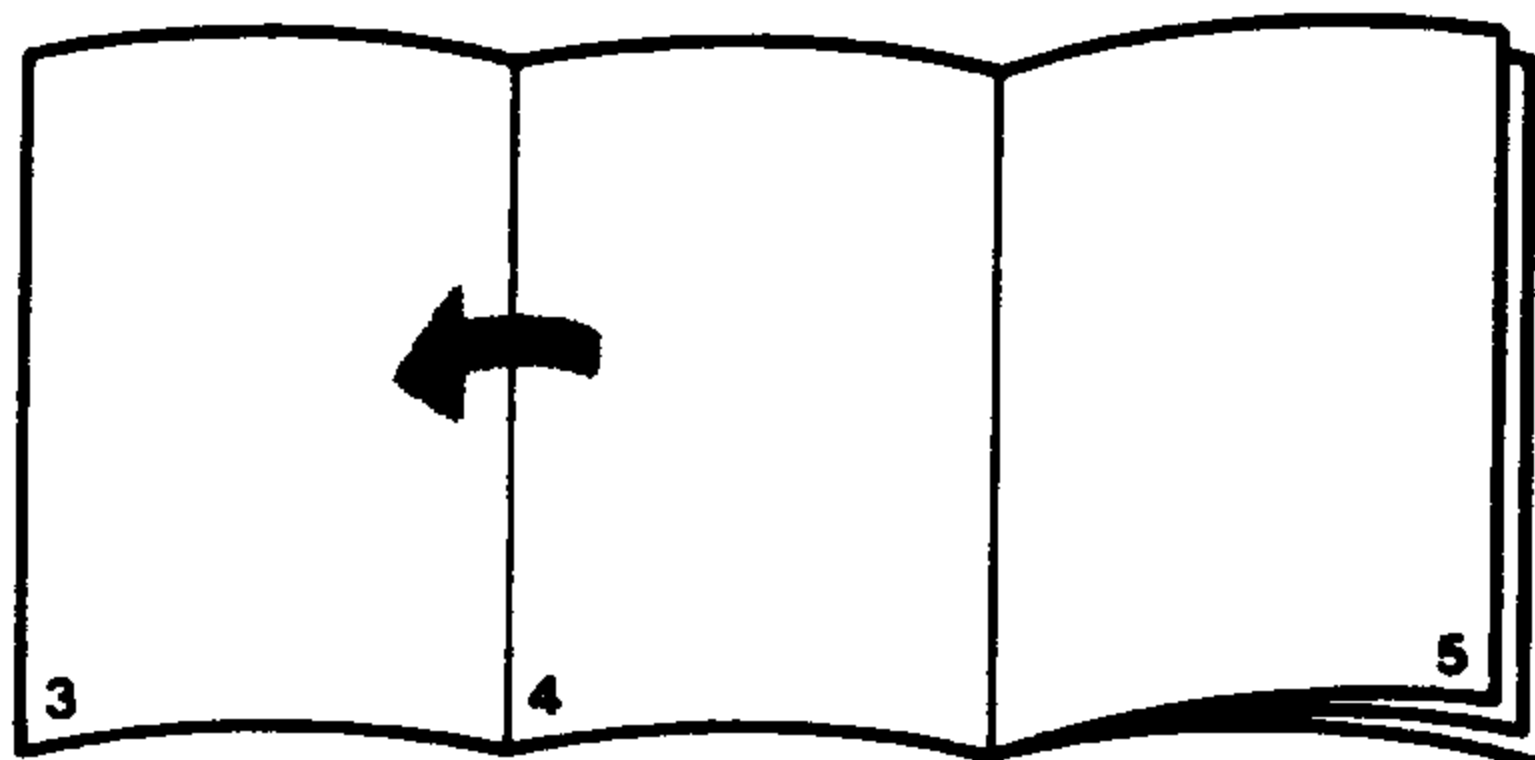
This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

* The graphical symbols are on the bottom enclosure.

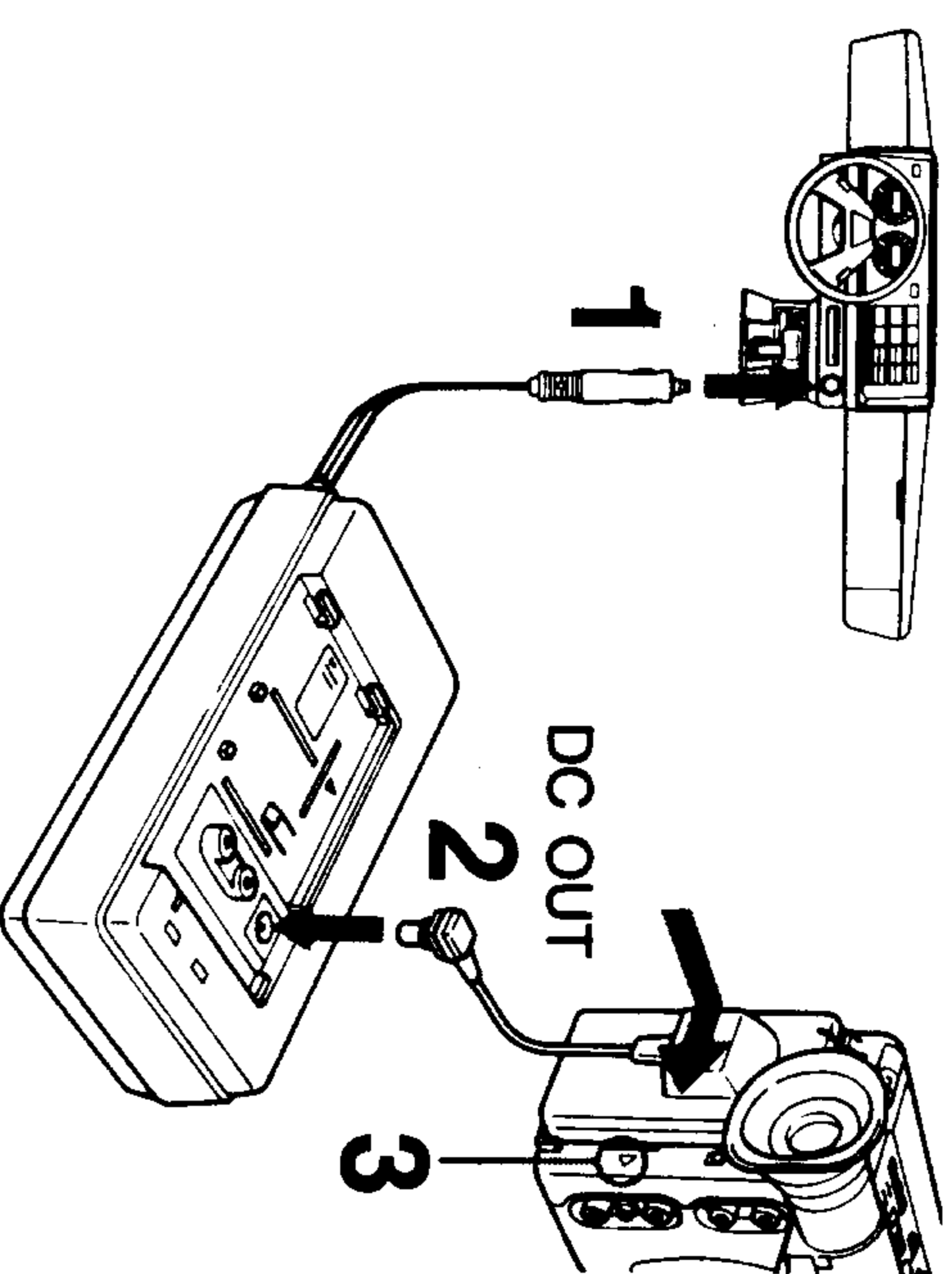
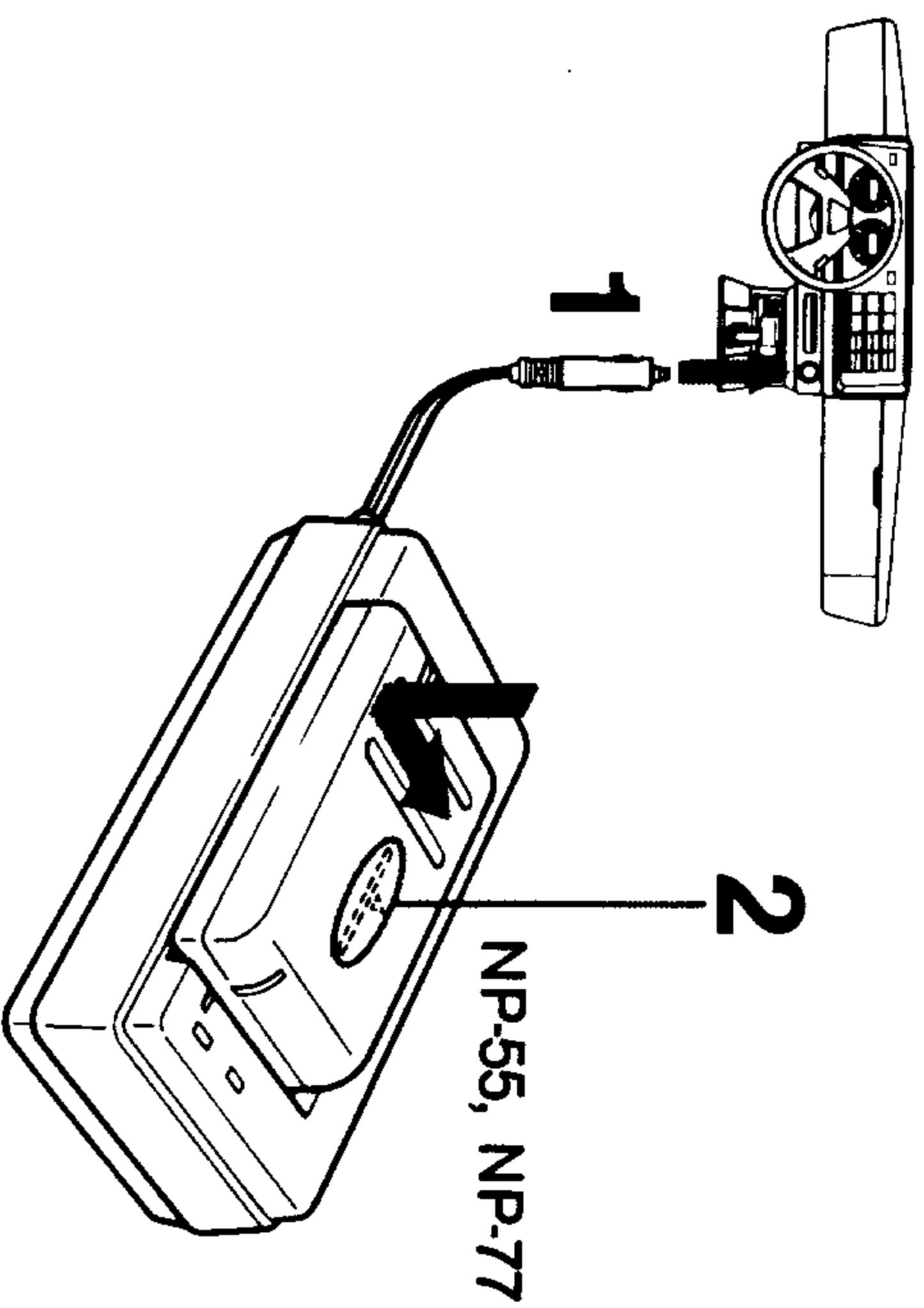
2



Before operating the unit, please read this manual thoroughly and retain it for future reference.

The DC-V30 car battery charger, when connected to the cigarette lighter socket of a car, can be used as follows:

- to charge a NP-55 or NP-77 battery pack
- to supply power to the SONY 8 mm video equipment which operate only with NP-55 or NP-77 battery pack



To Charge the Battery Pack

Charging

The battery will get hot during charging. But this is normal.

Do not continue to recharge a battery pack (once it is charged), as that will cause the battery pack efficiency to deteriorate.

Charging temperature

The temperature range for charging is 5°C to 35°C (41°F to 95°F). However, to provide maximum battery efficiency, the recommended temperature range when charging is 10°C to 30°C (50°F to 86°F).


Others

- The DC-V30 is designed for negative ground 12/24 V DC operation only.
- The nameplate indicating operating voltage, power consumption, etc. is located on the bottom.
- The unit is not disconnected from the power source as long as it is connected to the cigarette lighter socket of a car.
- Unplug the unit from the cigarette lighter socket of a car when not in use. To disconnect the cord (main lead), pull it out by the plug. Never pull the cord itself.
- Do not operate the unit with a damaged cord or if it has been damaged.
- Be sure that nothing metallic comes into contact with the metal parts of the unit or the power cord. If it does, a short may occur and the unit may be damaged.
- Do not disassemble the unit.
- Do not apply mechanical shock or drop the unit.
- While the unit is in use, particularly during charging, keep it away from AM receivers and video equipment because it will disturb AM reception or video operation.
- Always keep the metal contacts clean.
- Do not place the unit in locations where it will be direct sunlight such as on the dashboard.
- Do not operate the unit when the engine stopped.

The DC-V30 charges a battery pack NP-55 in about one hour, and NP-77 in about two hours.

1 Connect the power cord to the cigarette lighter socket of a car.

2 Install the battery pack.

Align the  mark, then while pressing the battery pack, slide it in the direction of the arrow.

The POWER lamp (green) and the CHARGE lamp (orange) will light up. The charging will begin.

When the charging is completed, the CHARGE lamp goes out. Unplug the unit from the cigarette lighter socket of a car and POWER will go off.

Be sure that the DC-V30 operates normally when the plug of the power cord does not fit completely inside the cigarette lighter socket.


When the Charge Lamp Blinks

If a problem occurs while charging, the CHARGE lamp blinks. Charge the battery pack again until the CHARGE lamp goes out. If the lamp starts blinking again, it is possible that something is wrong with the battery pack. Check that the problem is not with the DC-V30 by charging another battery pack.

To Operate Video Equipment

See illustration **B**

Use the power cord.

- 1 Connect the power cord to the cigarette lighter socket of a car.
- 2 Insert the plug of the power cord (supplied with AC-V30) to the DC OUT jack.
- 3 Install the other side of the power cord (supplied with AC-V30) to the video equipment to be used.
Align the  mark, then while pressing the plate, slide it gently to the right.

Note

Video equipment cannot be operated during the charging.

Specifications

| | |
|---|---|
| Power consumption | 20 W |
| Power requirements | 12/24 V DC |
| Output voltage | DC OUT: 7.5 V, 1.6 A in operating mode Battery charge terminal: 10 V, 1.3 A in charge mode |
| Application | Sony battery pack NP-55 or NP-77 or other equipment |
| Operating temperature | 0°C to 40°C (32°F to 104°F) |
| Storage temperature | – 20°C to 60°C (– 4°F to 140°F) |
| Dimensions | Approx. 67 × 39 × 138 mm (w/h/d) (23/4 × 11/2 × 51/2) |
| Weight | Including projecting parts and controls Approx. 310 g |
| Design and specifications are subject to change without notice. | |

Français

Avant la mise en service de l'appareil, lire attentivement ce mode d'emploi et le conserver pour toute référence ultérieure.

Le chargeur de batterie de voiture DC-V30 peut être utilisé de la manière suivante lorsqu'il est connecté à la prise allume-cigare d'une voiture:

- Pour recharger une batterie rechargeable NP-55 ou NP-77
- Pour alimenter un équipement vidéo 8 mm SONY qui fonctionne uniquement avec la batterie rechargeable NP-55 ou NP-77

AVERTISSEMENT

Afin d'éviter tout risque d'incendie ou d'électrocution, ne pas exposer cet appareil à la pluie ou à l'humidité.

Pas de parties utilisables, indépendamment de l'appareil, pour les utilisateurs. Ne confier l'entretien de l'appareil qu'à un personnel qualifié.