

# Car Mounted Battery Charger (IT-567CHGE)

## User's Guide

**CASIO**

PN410377-001 MO0305-000101A Printed in Japan


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### Safety Precautions



Congratulations upon your selection of this CASIO product. Be sure to read the following Safety Precautions before trying to use it for the first time. Keep this guide in a safe place for future reference.

#### Markings and Symbols

The following are the meanings of the markings and symbols used in these Safety Precautions.




 **Warning** This symbol indicates information that, if ignored or applied incorrectly, creates the possibility of death or serious personal injury.

 **Caution** This symbol indicates information that, if ignored or applied incorrectly, creates the possibility of personal injury or property damage.



-  • A diagonal line indicates something you should not do. The symbol shown here indicates you should not try to take the unit apart.
-  • A black circle indicates something you should do. The symbol shown here indicates you should unplug the unit from the wall outlet.

### Warning


#### Avoiding Traffic Accidents

-  • Never use your Car Mounted Battery Charger while operating a motor vehicle. Park your vehicle in a safe place before performing any operation.
-  • Never locate the Car Mounted Battery Charger where it might interfere with proper operation of the vehicle, such as locations where it hinders the forward or back vision of the driver, steering, or proper operation of the shift lever, brake pedal, or other vehicle controls, or in any location where it might endanger passengers. Such locations create the risk of automotive accident and personal injury.
-  • Locate connecting cables as instructed by the manual, avoiding locations that can interfere with driving operations. Winding a cable around the steering column, shift lever, brake pedal, or other controller is very dangerous. Also, take care that the Car Mounted Battery Charger is located where it does not hinder driving.




#### Abnormal Conditions

-  • Continued use of the Car Mounted Battery Charger while it is emitting smoke or strange odor creates the risk of fire and electric shock. Immediately stop using the Car Mounted Battery Charger and contact your original dealer or an authorized CASIO service provider to request servicing.
-  • Do not try to use the Car Mounted Battery Charger if it fails to turn on, if the indicators do not light when the power is turned on, or when any other malfunction is evident. Continued use under such conditions creates the risk of fire and electric shock.



#### Disassembly and Modification

-  • Never try to take the Car Mounted Battery Charger apart or modify it in any way. Doing so creates the risk of fire and electric shock.

#### Car Battery Power


-  • This Car Mounted Battery Charger is intended for use with a 12/24V DC minus ground vehicle only.
-  • Should the Car Power Adaptor ever become seriously damaged (exposed or broken wiring, etc.), contact your original dealer or an authorized CASIO service provider to request servicing. Continued use of a seriously damaged cable creates the risk of fire and electric shock.
-  • Always make sure to use the Car Power Adaptor (DT-827CAC) when using this Car Mounted Battery Charger. The use of a cord other than the specified one can cause a fire or electric shock.

#### Water and Foreign Matter



-  • Never let water get into the Car Mounted Battery Charger and take care to keep it from getting wet. Moisture creates the risk of fire and electric shock.
-  • Should any foreign matter or moisture ever get into the Car Mounted Battery Charger, immediately unplug the Car Power Adaptor (DT-827CAC) from the vehicle's cigarette lighter socket and disconnect it from the Car Mounted Battery Charger. Contact your original dealer or an authorized CASIO service provider to request servicing. Continued use of the Car Mounted Battery Charger creates the risk of fire and electric shock.

### Caution




#### Leaving Your Vehicle

-  • Whenever leaving your vehicle, be sure to unplug the Car Power Adaptor (DT-827CAC) from the cigarette lighter socket. Leaving the Car Mounted Battery Charger plugged in can run down your vehicle's battery.

#### Car Safety

-  • Using the Car Mounted Battery Charger for a long time with your vehicle's engine turned off can run down your vehicle's battery.
-  • Do not handle the Car Power Adaptor with wet hands. This can create the risk of electric shock.

#### When Installing the Car Mounted Battery Charger

-  • When installing in a vehicle equipped with an airbag (SRS airbag), never install the Car Mounted Battery Charger on the airbag cover or in a location that may obstruct the airbag when it is deployed.
-  • Do not install the Car Mounted Battery Charger in locations subjected to strong vibrations, unstable locations or locations subjected to high levels of humidity and dust.
-  • Install the Car Mounted Battery Charger securely.

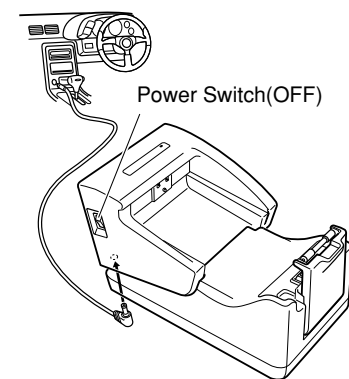
### Other Precautions

- Do not install the Car Mounted Battery Charger in locations subjected to extreme temperatures or strong direct sunlight\*. In addition, do not leave the Handheld Terminal in the vehicle. Doing so creates the risk of physical damage or malfunction to the Car Mounted Battery Charger or Car Power Adaptor.
- \* Including locations subjected to strong direct sunlight and locations near heating devices.
- After you are finished using the Car Mounted Battery Charger, turn off the power and unplug the Car Power Adaptor from the cigarette lighter socket. Leaving the Car Mounted Battery Charger plugged in creates the risk of damage to your vehicle or rundown of the vehicle's battery.
- Use the Car Mounted Battery Charger only under temperatures within the operating temperature range specified in this guide.
- Never use benzene or any other chemical agents to clean the Car Mounted Battery Charger. Such agents can remove case markings or cause physical damage to the case. For severe soiling, wipe with a soft cloth moistened with a weak solution of water and a mild neutral detergent. Wring out all excess moisture from the cloth before wiping.
- When cleaning the Car Mounted Battery Charger, always make sure to first unplug the Car Power Adaptor from the cigarette lighter socket for safety reasons.
- Avoid dropping the Car Mounted Battery Charger and Handheld Terminal or otherwise subjecting them to strong impact.

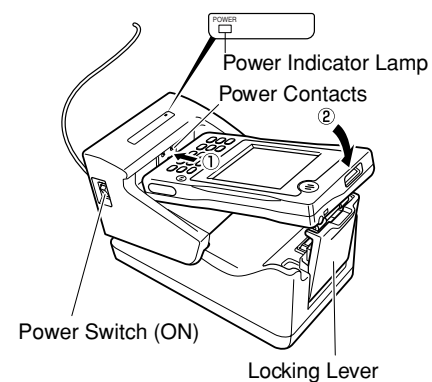
### Connecting the Car Power Adaptor

Please use the Car Power Adaptor (DT-827CAC) enclosed with the Car Mounted Battery Charger for the power supply.

1. After making sure that the power switch of the Car Mounted Battery Charger is turned off, plug the Car Power Adaptor into the Car Power Adaptor jack on the back of the Car Mounted Battery Charger.
2. Plug the Car Power Adaptor into the cigarette lighter socket of a 12/24 V DC vehicle.



3. Turn on the power. The power indicator lamp on the Car Power Adaptor lights in red.
4. Align the power contacts on the bottom of the IT-500 with the power contacts of the Car Mounted Battery Charger ①, and then securely push in the rollers of the locking lever until the IT-500 comes forward ②. At this time, be careful so that the strap is not pinched between the IT-500 and the Car Mounted Battery Charger. This causes the Power Indicator Lamp on the Car Mounted Battery Charger to light in green. The indicator on the IT-500 changes from red to green when charging is complete. When removing the IT-500, release the locking lever of the Car Mounted Battery Charger.



IT-500 properly locked in position

#### Important!

- Take care to avoid allowing the Car Mounted Battery Charger power contacts to become connected to each other, which creates a short.
- Consult your dealer when mounting the Car Mounted Battery Charger in the vehicle.

#### Precautions

- Make sure your Car Mounted Battery Charger is turned off before connecting or disconnecting cables.
- Turn off the power before starting your vehicle engine.
- After you are finished using the Car Mounted Battery Charger, unplug it from the vehicle's cigarette lighter socket. Leaving the Car Mounted Battery Charger plugged in creates the risk of damage to your vehicle or rundown of the vehicle's battery.
- The Car Power Adaptor cigarette lighter plug may not fit the cigarette lighter sockets of certain 12/24V DC vehicles.

#### Precautions during Fuse Replacement

The fuse within the Car Power Adaptor blows out when current exceeding the rated current flows to protect the Car Mounted Battery Charger from excessively high current. When the fuse has blown out, replace it by following the procedure described below.

1. Turn the cover on the end of the Power Adaptor plug in the counter-clockwise direction and remove.
2. Replace the fuse (SOC Type TSC 125V 4A).
3. Return the cover to the end of the Power Adaptor plug.

### Specifications

- 1. Charging**  
Charging System: Fixed-voltage (with current limiter)  
Charge time: Approximately 4 hours (standard battery pack)  
Approximately 8 hours (large-capacity battery pack)
- 2. Power Supply**  
Power Requirement: 12/24V DC (exclusively for the car batteries of minus ground vehicles)  
Power Consumption: 12V DC, approximately 800mA/24V DC, approximately 400mA  
Output to Handheld Terminal: 5V DC 1.5A (max.)
- 3. Car Power Adaptor**  
Model: DT-827CAC
- 4. Dimensions and Weight**  
Dimensions: Approximately 110(W) × 222(D) × 123(H)mm (4<sup>3</sup>/<sub>16</sub>"W × 8<sup>3</sup>/<sub>4</sub>"D × 4<sup>13</sup>/<sub>16</sub>"H)  
Weight: Approximately 690g (22.27oz)
- 5. Operating Environment**  
Temperature: 0°C to 40°C (32°F to 104°F)  
Humidity: 30% to 80% RH (non-condensation)

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