

# **CDMA GPS Mobile Terminal**

## *Technical Specification & Install Manual*

**Model: GPS150MV**



**JOA Telecom Co., Ltd**

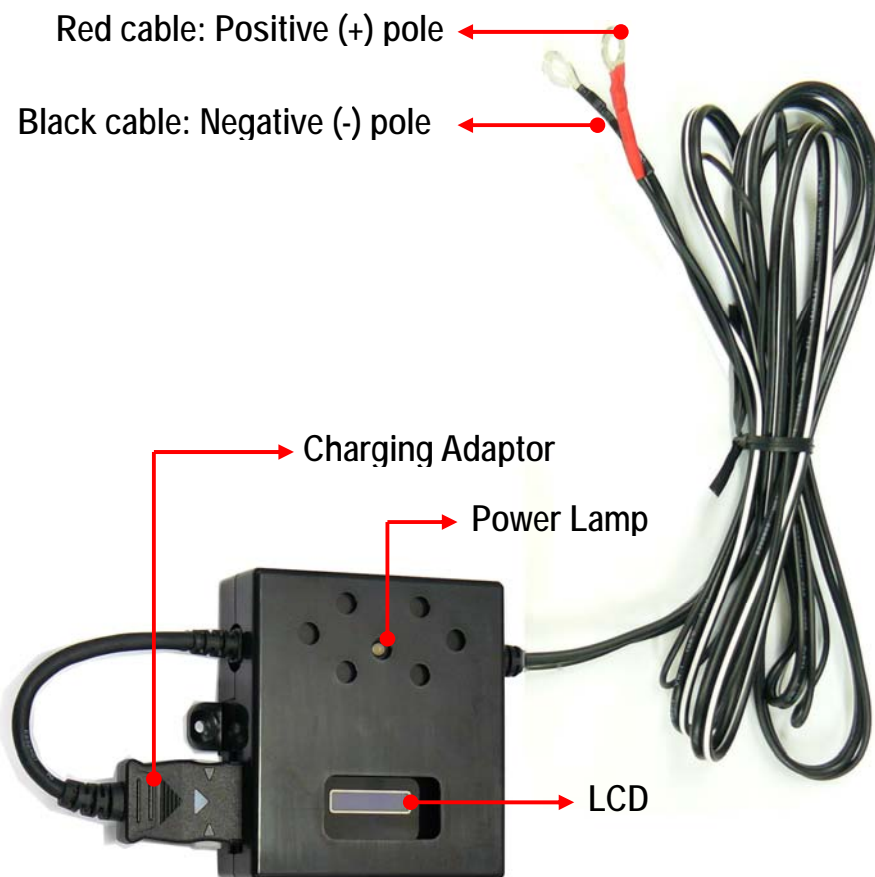
## **CONTENTS**

1. General Specifications	.....	3
2. Appearance	.....	4
3. Install Manual	.....	5
4. Safety Information	.....	9

## 1. General Specifications

Model Name	GPS150MV
Dimension	68(W) x 74(H) x 25(D)mm
Weight 195g	
Operation Temp.	-30°C ~ +85°C
Technology CDMA	800MHz
Back-up Battery	Li-Ion 1200mAH
Antenna Inte	ernal Antenna

## 2. Appearance



### 3. Install Manual

*The installation location can be changed according to the user's preferences.*

*This manual recommends user to install using "the Cigar jack".*



- Disassembling center fascia  
Appearance when the center fascia is removed completely



- Connecting power supply  
Use the jack connected to the cigar jack for power supply.

- Peel off the cover of the wire connected to the rear side of the cigar jack.

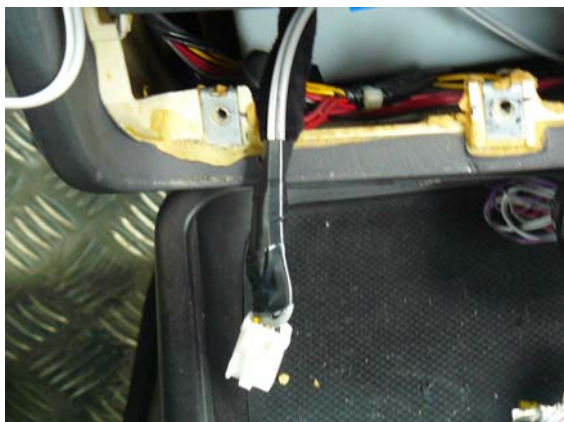
Yellow color (colored) is positive(+) pole, and black (colorless) negative(-) pole. The center wire is a ground wire.



- Preparing the product

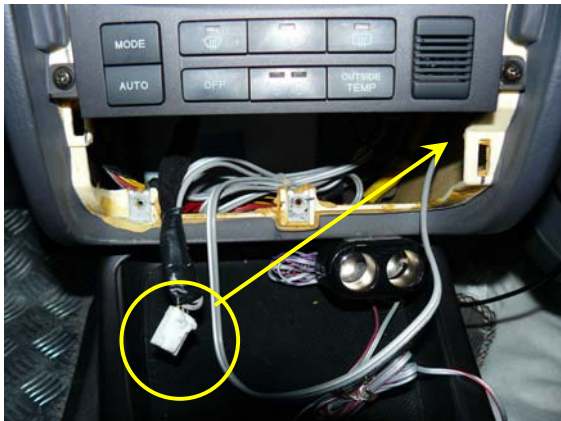
Strip off the wire of the product by approximately 3 cm. Strip off (+) and (-) wire end of the product and twist the inside copper cable to one direction as shown in the figure.

- Wind the striped copper cable of the product wire around the connection part wire of the cigar jack that was striped in Figure. At this time, watch out the (+) and (-) polarity.

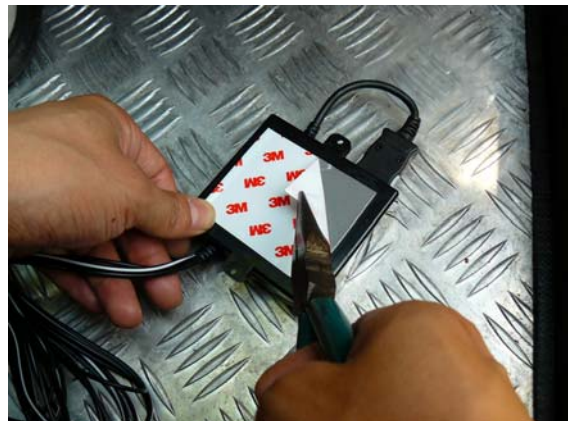




- The product is connected normally, if you can see the light turned on the product, when all wire connections are completed and the car key is turned to the ACC position.
- Finish the insulated wires by winding them with a tape neatly as shown in the figure, in order to prevent an electric leakage or short circuit.



- Push the product and wires toward the direction shown in the figure.
- Move the product, which is pushed inside the center fascia as shown in the figure, to the back of the center until it reaches the glove box in front of the passenger seat.  
(Dotted line shows the connection diagram of product wires)



- When the glove box is opened, press the both ends of the glove box to completely open it.
- Remove the tape attached to the rear side of the product, as shown in the figure.



Installation 1



Installation 2

- Installation

Install the product at the proper location in the glove box where dust was removed and cleaned. The product can be fixed using the screw grooves at both sides of the product. (At this time, attach the product in such way that the LCD window faces upwards for proper GPS reception.)

- Finishing

To assemble the glove box and center fascia, do "Opening glove box" in Figure 5 and "Disassembling center fascia" in reverse order.

When the product is installed, the product is not seen by the users with their naked eyes.



## 4. Safety Information

### *Product care and maintenance*

- Use only Manufacturer-approved accessories; otherwise, it could damage this unit and may be dangerous.
- Do not disassemble this unit. Take it to a qualified service technician when repair work is required.
- The unit should be kept away from heat sources.
- Do not drop.
- Do not subject this unit to mechanical vibration or shock.
- This unit is not water-resistant. Keep it dry.  
If the unit is immersed in "Water" or used in a very humid place, the parts or circuit may get damages, causing an electric shock or failure. Not be given free service for any defect which is caused due to water.

### *Qualified service*

- Only qualified service personnel may install or repair your device.

## FCC (Federal Communications Commission)

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 technical for help.

**WARNING:** This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

During transmitter operation, in order to meet RF Maximum permissible Exposure Safety Guidelines, a minimum distance of 20Cm shall be maintained between antenna and personnel.

**CE**

Hereby, **JOA TELECOM CO., LTD.** declares that this **GPS150MV** is in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC.

Model: GPS150MV (REV 1.0)

