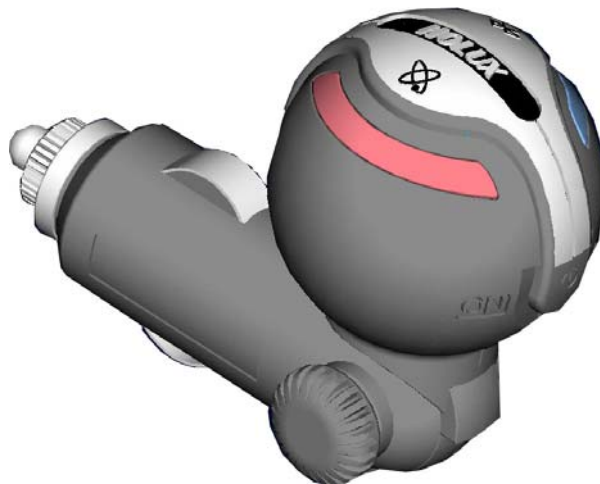


# GR-239

## Quick Guide

Bluetooth GPS Receiver



English



### Packing List

#### Standard

- **Holux GR-239 Wireless GPS Receiver x 1**
- **Tool CD x 1**
- **Warranty Card x 1**

#### Optional

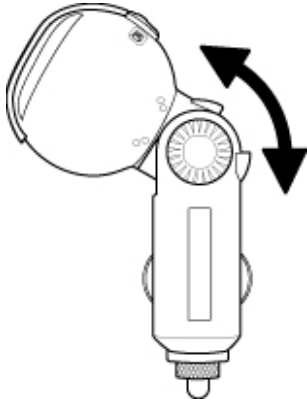
- **1.5M USB data cable**  
(Data cable can be used for data transfer between GR-239 and Notebook PC.)

### Main Features

- 20 parallel satellite-tracking channels for fast acquisition and reacquisition.
- Supports NMEA0183 v2.2 or v3.0 data protocol or SiRF binary code.
- 100% compatible with Bluetooth™ Serial Port Profile (SPP).
- Bluetooth™ version 1.2 compliant.
- Draws power from car battery; no power adapter required.

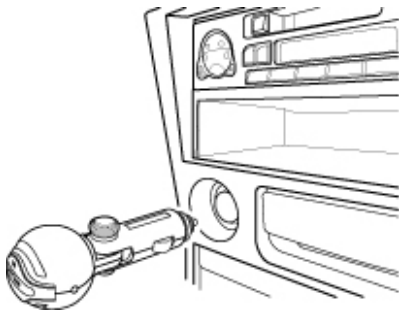
## Instructions for First Use

### 1. Adjust the Receiver Head



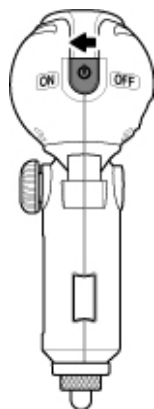
- Carefully unscrew the locking screw on the side of the receiver.
- Move the receiver head to the required position.
- Screw the locking screw back tightly.

### 2. Insert the Receiver



- Insert the GPS Receiver into your car's lighter slot.
- Adjust the receiver head vertically by 90 degrees.

### 3. Switch on the Power



- Slide the power switch to the **ON** position.

## 4. Establish Bluetooth Link

To link the receiver with a PDA (Personal Digital Assistant), follow these steps:



- Activate the Bluetooth Manager, select **Search** and then link.
- Select the HOLUX GR-239 icon and choose **SPP slave** to establish the Bluetooth link.
- Refer to the “Software Installation” section in the user manual for further details if you have any problems establishing the link.

### Note about Bluetooth Connection

When you power on the GR-239, you must wait five seconds for Bluetooth to self-test before a connection is established. Wait until the Bluetooth light begins to flash (once every second). A Bluetooth link can now be established between a PDA and the GR-239.

## 5. Install and Open the GPS Viewer



- You can install the GPS viewer program from the supplied CD to check current positioning and satellite signal reception.
- Activate the GPS Viewer, set the Baud Rate to 38400, and press **Scan** for automatic scanning. Once you find the correct COM port, choose **GPS status** to start viewing.
- Refer to the “Software Installation” section for details if you have any problems with installation and use.

### Warning

**Do not place the GR-239 under strong sunlight for a long time. Do not place it in a high-temperature environment, or near heat radiating devices such as a stove or radiator. Doing so will cause the device to malfunction. For further information, refer to the user manual that comes on the supplied CD.**

#### Notes:

1. It is prohibited to operate this system while driving your car.
2. GPS signals are unable to go through non-transparent objects, such as tall buildings, tunnels, underpasses, and forests. Bad weather may also effect the signal reception. If your car window heat shield contains metal, the receiver will not be able to pick up GPS signals.
3. All wireless communication products, such as mobile phones and speed limit warning systems will interfere with the communication satellite and will affect signal reception.

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.

**FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT**

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.

**CAUTION:**

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

RF exposure warning ·

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

English:	This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
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