
Introduction

This unit is able to determine its current location. Connecting this unit to a Sony Personal Entertainment Organizer (hereafter referred to as CLIE handheld) with Bluetooth communication capability allows you to indicate your current location on the "Leplan" map, and to display the distance and route to a destination. For details about display items and functions of "Leplan," refer to the "Application manual."

About Bluetooth communication

Bluetooth communication is a new wireless technology for the personal network market. It is the leading standard technology for small scale, close distance communication at low cost, achieved without the need for complicated cable connections.

GU-BT1 has the following features.

Bluetooth support enables wireless communication with your CLIE handheld within a range of about 10 m (32.8 ft.). (The actual range will vary depending on factors such as obstacles between devices, magnetic fields around devices such as a microwave oven, static electricity, interference, radio wave conditions, reception sensitivity or antenna performance, operating system or software application, etc.)

Devices that can be used with GU-BT1

For information on the Bluetooth compatible devices, refer to our official Sony CLIE Web site:

Customers in USA, Canada and Mexico:

<http://www.ita.sel.sony.com/support/clie/access/>

Customers in Asia-Pacific countries:

<http://vaio-online.sony.com/clie/>

Specifications

GPS Communication

Reception frequency	1575.42 MHz (L1 band, C/A code)
Reception method	12 channel all in view
Reception sensitivity	Tracking: Less than or equal to -152 dBm Trapping: More than or equal to -130 dBm
Positioning update time	Approx. 1 second
Positioning accuracy	5 m (2DRMS, -130 dBm)

Wireless Communication

Communication method	Bluetooth standard Ver. 1.1
Output	Bluetooth standard Power Class 2
Communication range ^{*1}	line of sight Approx. 10 m
Supported Bluetooth profiles ^{*2}	Serial Port Profile
Frequency band	2.4 GHz band (2.400 GHz – 2.4835 GHz)

^{*1} Actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, interference, radio wave conditions, reception sensitivity or antenna performance, operating system or software application, etc.

^{*2} Bluetooth standard profiles specify the usage purpose for Bluetooth devices communicating with each other. Design and specifications are subject to change without notice.

Power Source/General

Power source	DC 3.0 V (AA dry battery × 2, alkaline batteries recommended)
Power consumption	MAX 360 mW
Operating temperature	0 °C – 40 °C (32 °C – 140 °C)
Operating moisture	20 % – 85 %
Operating life	Approx. 12 hours (at temperature 25 °C) Operating life is different according to the working temperature and environment.
Dimensions	60 × 89 × 18 mm (w/h/d) (not including projections)
Mass	Approx. 72 g (not including dry batteries)
Supplied accessories	See page ##.