



Manuals.plus /

› Uniden /

› Uniden BC-SGPS Universal Receiver Module Kit Instruction Manual

Uniden BC-SGPS

Uniden BC-SGPS Universal Receiver Module Kit Instruction Manual

Model: BC-SGPS

INTRODUCTION

The Uniden BC-SGPS Universal Receiver Module Kit provides essential GPS location data for a wide range of compatible Uniden scanners and CB radios. This manual outlines the necessary steps for setup, operation, and maintenance to ensure optimal performance of your device.

PACKAGE CONTENTS

The BC-SGPS kit typically includes the following components:

- GPS Module
- Converter Unit
- RJ14 Cable
- Power Cable (with cigarette lighter adapter)
- RS232 Cable
- RS232 with USB Adapter
- RS232 with Custom Jack
- Instructional Documentation



An overhead view of the Uniden BC-SGPS Universal Receiver Module Kit components, including the main GPS module, converter unit, various connection cables (RJ14, RS232, USB adapter), and a cigarette lighter power adapter, all neatly arranged.

SETUP

- 1. Identify Compatible Device:** Ensure your Uniden scanner or CB radio is compatible with the BC-SGPS module. Compatible models include BCD436HP, BCD536HP, HomePatrol-1, HomePatrol-2, SDS100, SDS200, BCD996T / BCD996XT / BCD996P2, BCT15 / BCT15X, BC346XT, BCD325P2, BCD396T / BCD396XT, and Bear Tracker 885 CB Radio.
- 2. Connect GPS Module:** Connect the GPS module to your compatible Uniden device using the

appropriate cables provided. For SDS200, a direct RJ11 type cable connection is typically used. For SDS100, an additional converter unit and external power source (cigarette lighter plug or wall charger) are required.

3. **Power Supply:** The module can be powered via the included cigarette lighter adapter for in-vehicle use or an external battery pack (not included) for portable operation where a cigarette lighter port is unavailable.
4. **Placement:** For optimal GPS signal reception, place the GPS module in a location with a clear view of the sky, such as on a vehicle dashboard or near a window.



A detailed view of the Uniden BC-SGPS Universal Receiver Module Kit, showcasing the main GPS module, converter, and various serial and power cables. The image illustrates the comprehensive nature of the kit for diverse setups.

OPERATING INSTRUCTIONS

1. **Power On:** Once connected and powered, the GPS module will begin acquiring satellite signals. This may take a few moments.
2. **Data Transmission:** The module automatically transmits GPS location data to your connected Uniden scanner or CB radio.
3. **Scanner/Radio Configuration:** Refer to your specific Uniden scanner or CB radio's manual for instructions on how to enable and utilize GPS data for features such as location-based scanning or Automatic Packet Reporting System (APRS) functionality.
4. **APRS Functionality:** The BC-SGPS module supports Automatic Packet Reporting System (APRS), allowing for real-time exchange of information in amateur radio.

MAINTENANCE

- Keep the GPS module and cables clean and free from dust and debris.
- Avoid exposing the unit to extreme temperatures, moisture, or direct sunlight for prolonged periods.
- Handle cables and connectors with care to prevent damage.

TROUBLESHOOTING

- **No GPS Signal:** Ensure the GPS module has a clear line of sight to the sky. Obstructions like buildings, tunnels, or dense foliage can interfere with signal reception.
- **Connection Issues:** Verify all cables are securely connected to both the GPS module and your Uniden device. Check for any bent pins on the serial connectors.
- **Power Problems:** Confirm the power source (cigarette lighter or battery pack) is providing adequate power to the module.
- **Data Transmission Errors:** If your Uniden device is not receiving GPS data, check its settings to ensure GPS input is enabled and configured correctly. Consult your device's manual for specific instructions.

SPECIFICATIONS

- **Product Dimensions:** 5.8 x 2 x 8.7 inches
- **Item Weight:** 1.6 ounces
- **Model Number:** BC-SGPS
- **Connectivity Technology:** Serial
- **Special Feature:** GPS
- **Manufacturer:** Uniden
- **Date First Available:** September 10, 2019

WARRANTY INFORMATION

This product is covered by a One-Year Limited Warranty from the manufacturer. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the documentation included in your product packaging or visit the official Uniden website.

CUSTOMER SUPPORT

For technical assistance, product inquiries, or warranty service, please contact Uniden customer support. Visit the official Uniden website for contact information and support resources.