○ iCOM
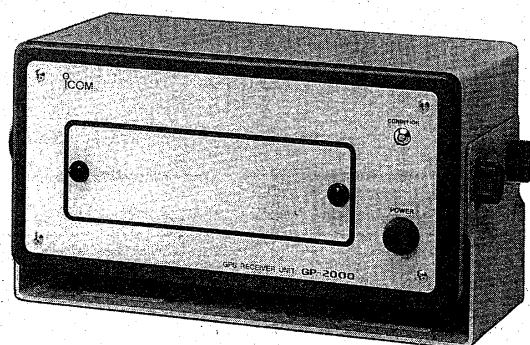
GPS RECEIVER UNIT

GP-2000

Icom Inc.

IMPORTANT

This receiver unit is a **SUPPLEMENTAL AID TO NAVIGATION ONLY** and is not intended to be a substitute for accurate and current nautical charts.

READ THIS INSTRUCTION MANUAL CAREFULLY before attempting to operate the receiver unit.

SAVE THIS INSTRUCTION MANUAL – This instruction manual contains important safety and operating instructions for the GP-2000.

Until all planned satellites have been launched, you may not be able to obtain continuous information with your GPS receiver depending on your area of operation and the time of day.

The GPS system is operated by the U.S. Government. Therefore, availability and accuracy are not guaranteed.

The GP-2000 may require more than 30 min. to output the first positioning data after power ON.

PRECAUTIONS

NEVER connect the GP-2000 to an AC outlet. This will ruin the receiver unit.

NEVER let metal, wire or other objects touch any internal components in the receiver unit. Electric shock could occur.

NEVER place the receiver unit within the reach of children or infants.

NEVER expose the receiver unit to rain or any other liquids.

INTRODUCTION

Thank you for purchasing the **GP-2000 GPS RECEIVER UNIT**. The **GP-2000** is designed as an optional unit for an Icom plotter or plotter/sounder such as the FP-100, FP-601 or VP-21 and has the following advanced features:
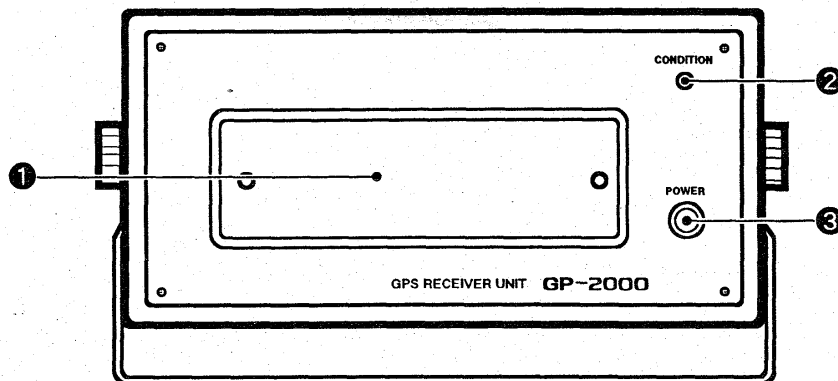
- Choice of map datums to match your chart.

- Ease of operation:
  Once you make all settings when first applying power, you may not need to adjust the unit again.

- 3 data output formats, RS-232C, RS-232C continuous output, and NMEA0183 are available. Even your personal computer can initialize and display data which the GP-2000 receives.

EXPLICIT DEFINITIONS

The following explicit definitions apply to this instruction manual.

WORD	DEFINITION
WARNING	Personal injury, fire hazard or electric shock may occur.
CAUTION	Equipment damage may occur.
NOTE	If disregarded, inconvenience only. No personal injury, risk of fire or electric shock.

■ Front panel

❶ HATCH COVER
Initial setting switches are located under this cover.

❷ POWER INDICATOR [CONDITION]
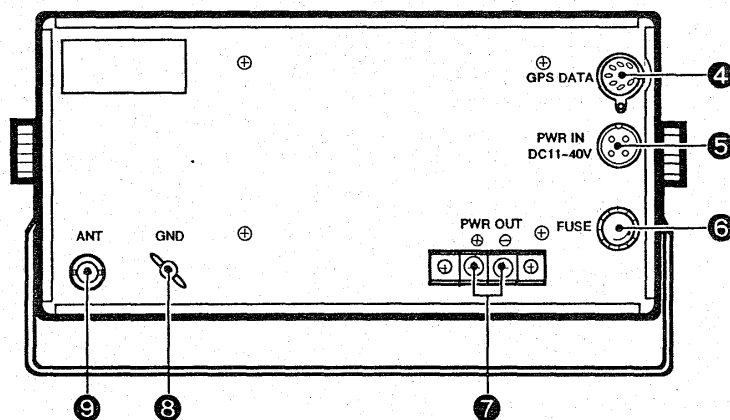Lights up in green while power is ON.

❸ POWER SWITCH [POWER]
- Turns the power ON and OFF when no display device (such as a plotter) is connected.

- When a display device is connected, the ON/OFF condition of the GP-2000 is controlled by the display device.
  • In this case, set this switch to the OFF position.

■ Rear panel

❹ GPS DATA SOCKET [GPS DATA]
Data input/output socket. The GP-2000 has 3 output formats, RS-232C, RS-232C continuous output, and NMEA0183.

❺ POWER IN SOCKET [PWR IN]
Connect to an 11 ~ 40 V DC power source.

❻ FUSE HOLDER [FUSE]
Holds a 1 A fuse for internal circuit protection.

❼ POWER OUTPUT TERMINALS [PWR OUT]
Provide DC output to a display device (4 A max.). These terminals control the ON/OFF condition of the GP-2000 via a display device.

❽ GROUND TERMINAL [GND]
To prevent electrical shock and other problems, connect this terminal to a ground.

❾ ANTENNA CONNECTOR [ANT]
Connect the supplied GPS antenna via the supplied antenna cable.

Count on us!

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