



Hirose Connector

Screen

Keyboard

The G5 is Itron's latest, most advanced handheld meter reading solution. The unit has 8M of Compact Flash and 8M of DRAM, and uses the POD cradle. Other features include:

- SC400 ELAN 486 processor (33 MHz)
- IBM's PC-DOS 2000
- General software BIOS v 4.0
- Hirose side connector serial port for probes/wands
- Lithium Ion main battery
- 3.5 hour battery charging time with gas gauging
- Communications port to cradle devices e.g. POD
- Internal auxiliary serial port for custom serial devices
- Clock battery is small lithium coin cell

## System Components

### G5 Handheld

- Keyboard overlay
- Lithium Ion battery
- Lithium coin clock battery
- Attached handstrap

### POD Communications and Charging Cradle

- POD
- Interconnect board
- RJ-11 cable

## G5 POD

### System Components

Interconnect cable

Interconnect board  
G5 POD



As an advanced cradle unit, the POD is lightweight and versatile with enhanced charging capabilities. With the POD, a battery pack can be charged individually, while installed in the G5 unit, or a combination of an individual battery pack and a G5 unit simultaneously.

Other features include:

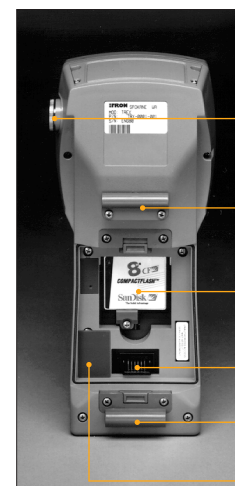
- Connection of up to 3 G5 PODs via interconnect power board and one power supply
- Simultaneous communications and charging of battery in G5 handheld
- 3.5 hour battery charging time with gas gauging
- High-contrast LED indicator lights for operational modes

For more cradle configuration and installation information, order the G5 POD Quick Reference Guide (part number man-0005-001).

## Handheld Assembly Instructions

1. Slide the keyboard overlay into the slots on the face of the G5.
2. Insert flash card face up under battery compartment.
3. Insert the Lithium Ion main battery pack into the back of G5 and slide clips into place.
4. Place the G5 with the battery pack into the cradle. Application software displays the battery status. This procedure will provide the initial charge for the battery pack, which should take less than 3.5 hours.
5. The handstrap unhooks at the bottom of the unit.

**WARNING:**  
Do not force the connector in backwards, as this will damage the unit.



Hirose Connector

Top Handstrap Connector

Flash Card

Main Battery Connector

Bottom Handstrap Connector

Lithium "Clock" Battery (under cover)

## Charging the Lithium Ion Battery

The lithium ion battery can be charged in one of three ways:

1. Insert the battery into the handheld and place the handheld in the cradle.
2. Battery may be charged as standalone unit in MC-06 Charger.
3. Optional charging via Hirose connector. Contact Itron for details.

Due to continuous research, product improvements and enhancements, Itron reserves the right to change product or system specifications without notice.

If you have questions or wish to order documents or Itron products, please contact us at:



2818 N. Sullivan Road  
P.O. Box 15288  
Spokane, WA 99215

800.635.8725  
www.itron.com

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Note: 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.

Changes or modifications not expressly approved by Itron could void the user's authority to operate the equipment.

## RF Exposure

### Caution

To comply with FCC RF exposure compliance requirements, a separation distance of at least 5.0 cm must be maintained between the antenna of this device and all persons.

## Electromagnetic Compatibility

### Caution

Approved accessories only may be used with this equipment. In general all cables must be high quality, shielded, correctly terminated and normally restricted to 2 meters length. The G5R and G5 AC adaptors employ special provisions to avoid radio interference and should not be altered or substituted.

Unapproved modifications or operation beyond or in conflict with these instructions for use, may void authorization by the authorities to operate the equipment.

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### Europe

This product complies with the European EMC Directive 89/336.

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### USA

RADIO INTERFERENCE, FCC Statement

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### CANADA

#### English

The digital apparatus does not exceed the class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications, standard ICES-003.

#### Francais

Avis de conformite aux normes du Ministere des Communications du Canada.

Le present appareil numerique n emet pas de bruits radioelectriques depassant les limites applicable aux appareils numeriques de classe B prescrites dans le Reglement sur le brouillage radioelectrique edicte par le Ministere des Communications du Canada, NMB-003.