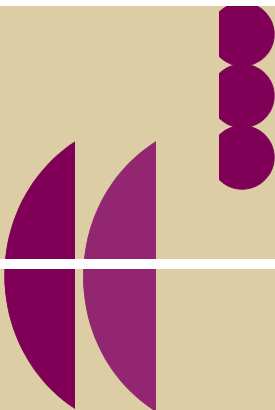


HC700-G & HCe700-G

Handheld Computers

Models: F4708A (HC700-G) & F4707A (HCe700-G)

Quick Start Guide



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Commercial Warranty

Limited Warranty

MOTOROLA COMMUNICATION PRODUCTS

I. What This Warranty Covers And For How Long

MOTOROLA INC. ("MOTOROLA") warrants the MOTOROLA manufactured Communication Products listed below ("Product") against defects in material and workmanship under normal use and service for a period of time from the date of purchase as scheduled below:

HC700-G unit	One (1) Year
Product Accessories	One (1) Year

Motorola, at its option, will at no charge either repair the Product (with new or reconditioned parts), replace it (with a new or reconditioned Product), or refund the purchase price of the Product during the warranty period provided it is returned in accordance with the terms of this warranty. Replaced parts or boards are warranted for the balance of the original applicable warranty period. All replaced parts of Product shall become the property of MOTOROLA.

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SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION OR EXCLUSIONS MAY NOT APPLY.

This warranty gives specific legal rights, and there may be other rights which may vary from state to state.

IV. How To Get Warranty Service

You must provide proof of purchase (bearing the date of purchase and Product item serial number) in order to receive warranty service and, also, deliver or send the Product item, transportation and insurance prepaid, to an authorized warranty service location. Warranty service will be provided by Motorola through one of its authorized warranty service locations. If you first contact the company which sold you the Product, it can facilitate your obtaining warranty service. You can also call Motorola at 1-888-567-7347 US/Canada.

V. What This Warranty Does Not Cover

- A. Defects or damage resulting from use of the Product in other than its normal and customary manner.
- B. Defects or damage from misuse, accident, water, or neglect.
- C. Defects or damage from improper testing, operation, maintenance, installation, alteration, modification, or adjustment.
- D. Breakage or damage to antennas unless caused directly by defects in material workmanship.
- E. A Product subjected to unauthorized Product modifications, disassemblies or repairs (including, without limitation, the addition to the Product of non-Motorola supplied equipment) which adversely affect performance of the Product or interfere with Motorola's normal warranty inspection and testing of the Product to verify any warranty claim.
- F. Product which has had the serial number removed or made illegible.
- G. Rechargeable batteries if:
 - any of the seals on the battery enclosure of cells are broken or show evidence of tampering.
 - the damage or defect is caused by charging or using the battery in equipment or service other than the Product for which it is specified.
- H. Freight costs to the repair depot.
- I. A Product which, due to illegal or unauthorized alteration of the software/firmware in the Product, does not function in accordance with MOTOROLA's published specifications or the FCC type acceptance labeling in effect for the Product at the time the Product was initially distributed from MOTOROLA.
- J. Scratches or other cosmetic damage to Product surfaces that does not affect the operation of the Product.
- K. Normal and customary wear and tear.

VI. Patent And Software Provisions

MOTOROLA will defend, at its own expense, any suit brought against the end user purchaser to the extent that it is based on a claim that the Product or parts infringe a United States patent, and MOTOROLA will pay those costs and damages finally awarded against the end user purchaser in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following:

- A. that MOTOROLA will be notified promptly in writing by such purchaser of any notice of such claim;
- B. that MOTOROLA will have sole control of the defense of such suit and all negotiations for its settlement or compromise; and
- C. should the Product or parts become, or in MOTOROLA's opinion be likely to become, the subject of a claim of infringement of a United States patent, that such purchaser will permit MOTOROLA, at its option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes noninfringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the Product or parts as established by MOTOROLA.

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VII. Governing Law

This Warranty is governed by the laws of the State of Illinois, USA.

EPS – 48759 – O

Notational Conventions

Throughout this publication, you will notice the use of cautions and notes. These notations are used to emphasize that safety hazards exist, and care must be taken.

CAUTION



Caution

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. CAUTION may also be used to alert against unsafe practices and property-damage-only accident hazards.

Do not proceed beyond a CAUTION until the indicated conditions are fully understood and met.

Equipment Authorization

IMPORTANT: Unauthorized repairs or modifications could result in permanent damage to the equipment and void your warranty and your authority to operate this device under Part 15 of the FCC Rules.

- FCC ID: AZ489FT7027
- Industry Canada: 109U-89FT7027
This Class B digital apparatus complies with Canadian ICES-003

Radio Frequency and Power

Radio	Network	Frequency Band	Rated Power
GPRS	WAN	GSM 850 TX 824.2 - 848.8 MHz RX 869 - 894 MHz	1.585 W
		PCS 1900 TX 1850.2 - 1909.8 MHz RX 1930 - 1990 MHz	0.794 W
Wi-Fi 802.11b/g	W-LAN	2412 - 2462 MHz	32 mW
Bluetooth	W-PAN	2402 - 2480 MHz	1 mW



Caution

Changes or modifications made in the handheld computer, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Wi-Fi Certification



This product is certified: IEEE 802.11b, IEEE 802.11g, WPA, WPA2 and EAP.

FCC INTERFERENCE

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

For detailed product safety and RF exposure refer to Safety and General Information leaflet, Motorola publication Number 6802979C37.



DECLARATION OF CONFORMITY

Per FCC CFR 47 Part 2 Section 2.1077(a)

Responsible Party Name: Motorola, Inc.

Address: 8000 West Sunrise Boulevard, Plantation, FL 33328
USA

Phone Number: 1 (800) 453-0920

Hereby declares that the product:

Product Name: HC700G

Model Number: F4708A

Conforms to the following regulations:

FCC Part 15, subpart B

Class B Digital Device

Date: September 12th , 2006

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.

HC700-G (US) Transmission Modes

HC700-G contains GPRS, WLAN and BT radios.

Below please find the radios transmitting combinations:

- Simultaneous transmission of the WAN (all bands) and WLAN radios is not allowed when used in the present configuration.
- The WAN (all bands) and Bluetooth transmitters may work simultaneously when used in the present configuration.
- The WLAN and Bluetooth transmitters may work simultaneously when used in the present configuration.

European Union Directives Conformance Statement



The CE Mark on the product indicates that this product has been tested to and conforms with the provisions noted within the 89/336/EEC Electromagnetic Compatibility Directive and the 73/23/EEC Low Voltage Directive.

You can view your product's Declaration of Conformity (DoC) to Directives 89/336/EEC and 73/23/EEC at www.motorola.com/rtte - to find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the Web site.

This product conforms with the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS). Please contact your supplier to view your product's RoHS information.

Radio Frequency and Power

Radio	Network	Frequency Band	Rated Power
GPRS	WAN	GSM 900 880 - 960 MHz	1.5 W
		DCS 1800 1710 - 1880 MHz	0.8 W
Wi-Fi 802.11b/g	W-LAN	2412 - 2462 MHz	32 mW
Bluetooth	W-PAN	2402 - 2480 MHz	1 mW



Caution

Changes or modifications made in the handheld computer, not expressly approved by Motorola, will void the user's authority to operate the equipment.

HCe700-G (EU) Transmission Modes

HC700-G contains GPRS, WLAN and BT radios.

Below please find the radios transmitting combinations:

- Simultaneous transmission of the GPRS (all bands) and WLAN radios is not allowed when used in the present configuration.
- The GPRS (all bands) and Bluetooth transmitters may work simultaneously when used in the present configuration.
- The WLAN and Bluetooth transmitters may work simultaneously when used in the present configuration.

France Indoor Only



Note: Bluetooth features and Bluetooth Class 1 power levels are not allowed for outdoor operation in France. To avoid unlawful interference with radio signals, do not use the Bluetooth features in France unless you are indoors.

Waste (Disposal) of your Electronic and Electric Equipment



European Union (EU) Waste of Electrical and Electronic Equipment (WEEE) directive

The European Union's WEEE directive requires that products sold into EU countries must have the crossed out trashbin label on the product (or the package in some cases). As defined by the WEEE directive, this cross-out trashbin label means that customers and end-users in EU countries should not dispose of electronic and electrical equipment or accessories in household waste. Customers or end-users in EU countries should contact their local equipment supplier representative or service centre for information about the waste collection system in their country.

Trademarks

SD[®] is a registered trademark of SanDisk Corporation.

Microsoft[®] Windows[®] and ActiveSync[®] are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

The Bluetooth[™] trademarks are owned by their proprietor and used by Motorola, Inc. under license in the U.S. and other countries.

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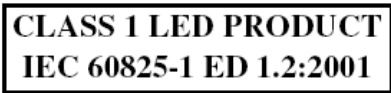
Eye Safety Standard for Imager Engines

The HC700-G and the HCe700-G is manufactured with the following Imager Engine options:

- 5300 series with Laser aiming technology.
- 5100 series with light emitting diodes aiming technology.

Eye Safety Standard for 5100 Engine

The standard, "IEC 60825-1 Safety of Laser Products"¹ ("Standard") gives guidelines as to the acceptable brightness of lasers and LEDs. This depends on how bright the LED is itself, but also how it is arranged in a device. The Standard sets the acceptable levels of light and testing conditions for the product. This Standard, like many others, is written by a group of technical experts and undergoes a rigorous approval process prior to adoption. One should also note that the specifics of this Standard assume exposure conditions and distances that present a worse case operation of the product as compared to the typical and intended operation of this device. Class 1 instruments are required to carry the following symbol either on the item, or in manuals to indicate the level of safety when compared against the Standard:



The Standard also recommends that the following be included in user documentation:



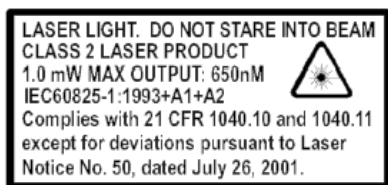
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Note: This warning states that altering the inner parts of the scanner in a way not specified in the user guide may cause light levels to exceed Class 1 limits. It is not an issue when using a hand held scanner under normal conditions.

Eye Safety Standard for 5300 Series Engine

The standard, "IEC 60825-1 Safety of Laser Products"¹ ("Standard") gives guidelines as to the acceptable brightness of lasers and LEDs. This depends on how bright the laser is itself, but also how it is arranged in a device. The Standard sets the acceptable levels of light and testing conditions for the product. This Standard, like many others, is written by a group of technical experts and undergoes a rigorous approval process prior to adoption. One should also note that the specifics of this Standard assume exposure conditions and distances

that present a worse case operation of the product as compared to the typical and intended operation of this device.



The Standard also recommends that the following be included in user documentation:



Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Note: This warning states that altering the inner parts of the scanner in a way not specified in the user guide may cause light levels to exceed Class 2 limits. It is not an issue when using a hand held scanner under normal conditions.

5100 engine LED Eye Safety Standard Compliance

The 5100 engine have no lasers. The 5100 engine has light emitting diodes (LEDs) that create the aimer line and illumination. These LEDs are bright, but testing has been done to demonstrate that the engine is safe for its intended application under normal usage conditions.

The 5100 engine is certified as Class 1, the safest level. This level includes relatively dim indicator LEDs and other sources that are brighter than the 5100 engine. This means the engine is safe under reasonably foreseeable conditions of operation². The use and conditions of operation are: the device is aimed at a bar code, and the LED aimer and illumination pattern are activated. You may be exposed to optical radiation for short periods without negative effects but, as with any light source, you should avoid looking into the beam.

1. A copy of the Standard may be found at <http://www.iec.ch>.

2. Refer to IEC 60825-1 Ed 1.2, section 8.2.

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Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola HC700-G GSM wireless Handheld Computer.

The HC700-G unique functionality and features make this state-of-the-art device, superior for use in a wide range of data collection and management applications.

This manual covers the basic operations and use of the HC700-G. However, evaluation of the HC700-G performance can be fully achieved by referring to Microsoft® Windows® Mobile 2003 SE for Pocket PC Phone Edition documentation and by using the demo software applications provided with the HC700-G.

What is the HC700-G Handheld Computer?

The HC700-G is a rugged handheld computer. The HC700-G is designed for field applications where Automatic Identification and Data Capture (AIDC) is required.

The HC700-G has two models: the HC700-G model is the USA version and the HCe700-G model is the European/Asian version. This manual refers to all models as HC700-G.

The HC700-G serves as a Personal Digital Assistant (PDA) that enables portable access to Microsoft® Windows® Mobile 2003 SE for Pocket PC Phone Edition applications. It contains a built-in imager (camera), capable of reading one of the following barcode options: 1D or 1D and PDF or all 1D and 2D.

Wireless communication enables access to the outside world through Global System for Mobile communication (GSM), General Packet Radio Service (GPRS) and 802.11b/g Wireless Local Area Network (WLAN, Wi-Fi™).

Data exchange with peripheral wireless equipment can be established through Wireless Personal Area Network (WPAN) using Bluetooth® radio. Personal wireless equipment may include printers and body-worn devices.

When docked in a Personal Desktop Cradle, the HC700-G supports full RS232 and USB (1.1 Client) serial communication with a host computer (USB via Microsoft® ActiveSync®) or a dial-up modem. Ethernet connection can be established through 10/100 base T interface via multi-bay communication cradles.

The HC700-G is equipped with a QVGA 3.5 inch transfective TFT display, built to withstand high impact. Display backlight is designed to enable clear screen visibility under varied light conditions.

A touch-screen enables easy on-screen menu navigation, in addition to using keypad navigation. The keypad uses an adjustable backlight illumination, designed for low-light working conditions.

The HC700-G is powered by an 1800 mAh 7.2V Lithium-Ion battery pack. The battery is fully recharged within four hours when the HC700-G is docked in a cradle.

A drained battery can be replaced without data loss from the HC700-G memory. A built-in power source, independent of the battery pack, maintains the data in the HC700-G memory for at least 30 minutes until a charged battery is placed.

The HC700-G may use a range of Motorola docking cradles for network communications and power charging.

The Personal Desktop Cradle is designed for office use of the HC700-G. The 8- and 4-bay charging/communication cradles (HCC700-8, -4) provide multi-bay docking in large operations. The Vehicle Cradle (HCV700) is used for the mobile applications of the HC700-G, allowing charging while driving.

For detailed installation and operation of each cradle, refer to the specific user manual of each cradle.

Unpacking

The HC700-G basic package includes the following items:

- HC700-G
- 7.2V Lithium-Ion battery pack
- Stylus
- Hand-strap
- This Quick Start Guide
- Safety and General Information leaflet, Motorola P.N. 6802979C37

Optional items include:

- Personal Desktop Cradle with USB, RS232 pass through and spare battery charging
- 4-slot Communication Cradle with RS232 and Ethernet ports
- 8-slot Communication Cradle with RS232 and Ethernet ports
- Vehicle Cradle with USB and RS232 pass through
- Vehicle Power Adapter 12V, quick disconnect
- Serial Cables DB25, DB9, quick disconnect
- Travel Charger 220/110Vac
- Belt/Shoulder Holster without shoulder strap
- Spare Stylus Pack of 5
- Spare Tethered Stylus Pack of 5
- Spare Hand Strap User replaceable
- 7.2V Lithium-Ion spare battery pack

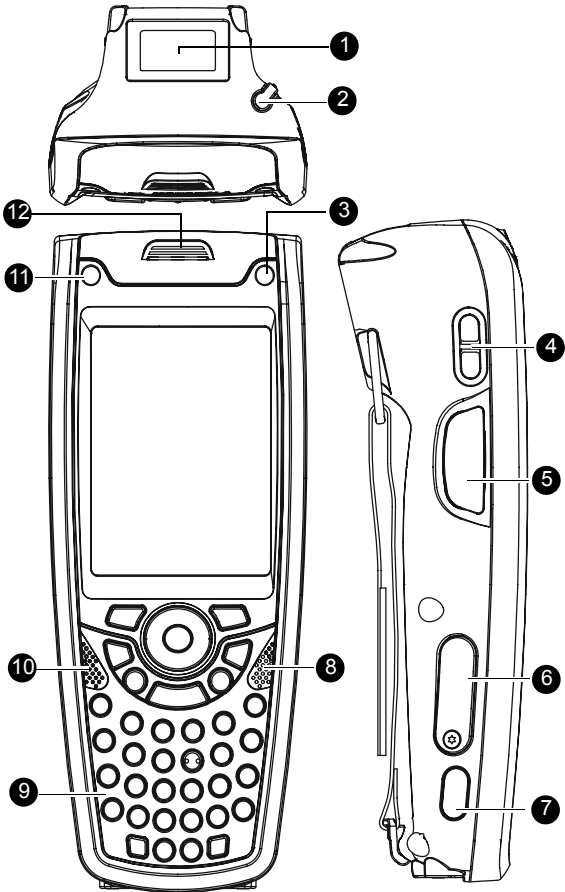
Carefully unpack each item from the shipping carton. Check all items for shipping damage, and check that you have received all items ordered.

Note: Retain the original carton packaging in the event that the HC700-G should need to be returned for service.

The HC700-G is shipped with a plastic film, protecting the screen. Before usage, remove the film and use a soft cloth to buff the screen. A clean screen ensures smooth gliding of the stylus over the surface.

HC700-G Features

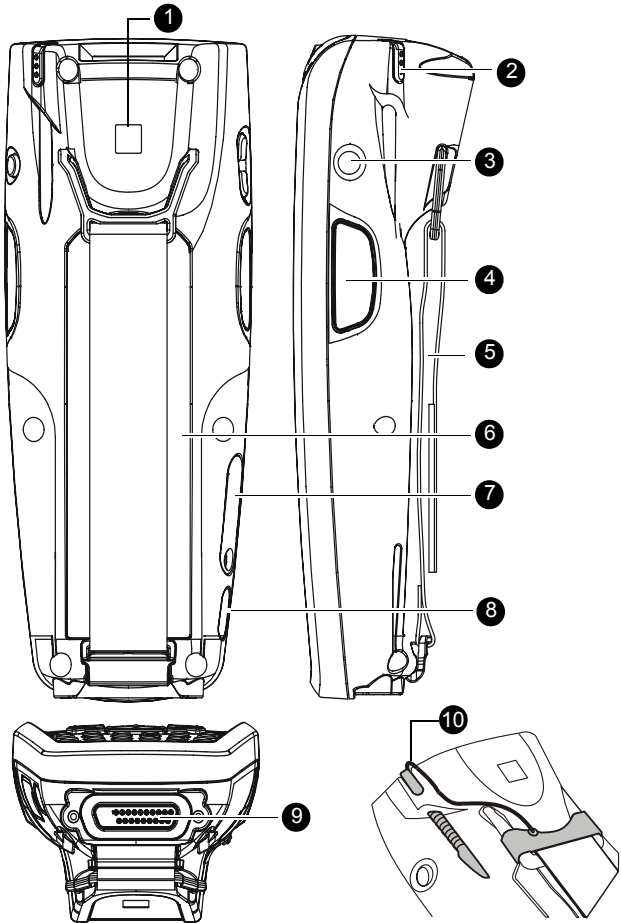
Front Panel and Top Side Features



1. Imager Window
2. Stylus Compartment
3. Power Button with Status LED (see page 11) & (see page 13)
4. Earpiece/Speaker Volume Keys (see page 19)
5. Scan/Picture Key (see page 23)
6. miniSD Card Door (see page 22)
7. IrDA Window (IrDA communication is not supported)
8. Speaker (see page 19)
9. Keypad (see page 15)
10. Microphone (see page 19)
11. Application LED (see page 14)
12. Earpiece (see page 19)

Figure 1. HC700-G - Front and Top Views

Rear and Bottom Side Features



1. Bluetooth address identification label (Used to link the HC700-G with another device using Bluetooth)
2. Stylus Compartment
3. Voice Recording Button (see page 19)
4. Scan/Picture Key
5. Hand-strap
6. Battery Pack (see page 8)
7. Access Door to the miniSD Memory Card (see page 22)
8. IrDA Window (IrDA communication is not supported)
9. Cradle Interface Connector
10. Tethered Stylus

Figure 2. HC700-G - Rear and Bottom Views

Charging the Battery

The battery is charged when the HC700-G is docked in the cradle. When using a Personal Desktop Cradle, a spare battery can be charged in the battery charging bay. A fully charged battery provides 10 hours of typical usage or 24 hours in Standby mode.

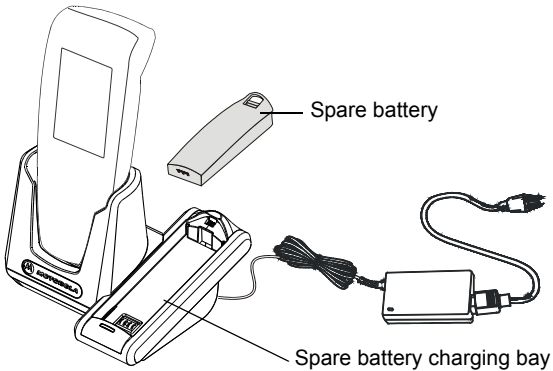


Figure 3. HC700-G Personal Desktop Cradle



Caution

- When not in use, always place the HC700-G in a powered cradle. Leaving the HC700-G out of the cradle may drain the battery, causing memory lost from RAM
- To avoid battery damage, the battery must never be allowed to remain totally drained for over a period of one week

Always use Motorola HC700-G original batteries and battery chargers. The HC700-G warranty does not cover damage caused by using non-Motorola batteries and/or battery chargers.

The following sections describe the installation and charging of the battery of the HC700-G.

First Time Battery Charge

New batteries are shipped partially charged. Charge the battery before using the HC700-G for the first time.

1. Insert the battery, bottom end first, into the battery compartment.
2. Carefully, press the battery top downward until it clicks and locks in place.
3. Place the HC700-G inside the cradle - the Status LED inside the Power button shows steady red. Charge the battery until the status LED shows steady green.

The HC700-G cradle charges the battery most effectively when it is at room temperature [approx. 68°F (20°C)]. The ambient temperature range during battery charging should be 32°F to 95°F (0°C to 35°C).

Checking the Remaining Battery Power

To the status of the remaining battery power is shown as an icon on the upper status bar. However to view the accurate power level, go to: *Start -> Settings -> System -> Power*. The status of the remaining power will show as a bar.

Routine Battery Charge

The battery is fully charged after four hours. During the charge, the Status LED inside the Power Button shows steady red and turns green when charging is completed.



Do not store the HC700-G for more than two weeks with battery installed. Storing the HC700-G with battery installed for more than two weeks without charging may damage the battery.

Important: The battery will not charge if the HC700-G is not properly docked in the cradle.

Battery Replacement

When the battery's capacity is critically low, the HC700-G automatically enters "Critical Low Battery" state and shuts down all functions (the screen turns off) to preserve the data in its memory. The HC700-G allows you to replace batteries without losing information stored in its memory. To avoid losing data stored in the memory, a charged battery must be installed within 30 minutes.

To replace a battery perform the following steps:

1. Make sure that the HC700-G is powered off (See "Turning Off" on page 11.).
2. Remove the HC700-G hand-strap (see Figure 4).
3. Press the battery snap on the battery (see Figure 4) and pull away the battery from the HC700-G.
4. Insert a fresh battery, bottom end first, into the battery compartment.
5. Carefully, press the battery top downward until it clicks and locks in place.
6. Press the Power Button - the HC700-G is now ready for use.

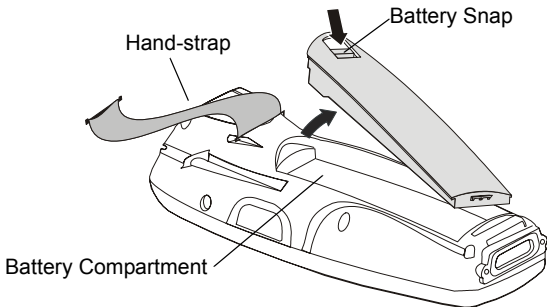


Figure 4. Battery Installation and Removal

Battery Safety

The battery or HC700-G may carry warning symbols, defined as follows:



Important safety information will follow.



Your battery or HC700-G should not be disposed of in a fire.

To prevent injury or burns:

- USE ONLY SPECIFIED BATTERIES AND CHARGERS - RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE!
- DO NOT DISPOSE OF ANY BATTERIES IN FIRE, AS THEY MAY EXPLODE!
- DO NOT PUNCTURE OR ALLOW METAL TO CONTACT THE BATTERY CONTACTS
- DO NOT DISPOSE OF IN WATER
- DO NOT DISASSEMBLE

Battery Maintenance

The performance of the battery depends on the way the battery is treated. Therefore, to comply with Motorola Warranty for batteries and to assure high performance and a long life for the rechargeable battery, please read and follow the battery maintenance instructions described in the following sections.

Battery Storage

Batteries which have already been charged and then stored for more than two months should be recharged before use.



Caution

Do not store batteries installed inside the HC700-G. Used batteries must be removed from the HC700-G before storage.

Use the following guidelines for battery storage:

- Before storage, the capacity level of the battery must be over 30%
- The battery must be recharged over 30% once every six months
- The battery must be stored in dry location
- Optimal storage temperature is 68°F (20°C)

Extending Battery Life

Battery performance depends on many factors, including the temperature at which you operate your handheld computer; the features and/or settings you select and use; peripherals attached to the computer and other application usage patterns.



Caution

To prevent injuries or burns, do not allow metal objects to come in contact with or short-circuit the battery contacts.

Batteries are expendable parts and gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in usage time or an increase in charging time, then it is probably time to switch to a new battery.

To ensure maximum service life of the HC700-G, always replace the battery with a genuine Motorola replacement.

Battery Disposal

Batteries must be recycled or disposed of properly in accordance with local requirements. Recycling facilities may not exist in all areas. Please contact your local environmental agency for more information regarding proper disposal.

Using the HC700-G

Starting to Work

Place the battery in the HC700-G to boot-up and press the Power Button (see Figure 1) to turn on the HC700-G; the Motorola logo will show for about 30 seconds and Windows Mobile screen will appear. The Windows Mobile screen will instruct to tap on the screen and to follow the Align Screen procedure (touch screen calibration).

Turning Off

Turn off the HC700-G when not in use for long duration and when charging is not available.

Important: When the HC700-G is out of the cradle, do not attempt to turn off the unit when the Status LED (inside the Power button) shows red. Pressing the Power button when the Status LED shows red (system initialization), may cause damage to the operating system.

Turning off when the unit is on

If the unit is turned on (the screen is on), perform the following:

Hold down the Power button for at least four seconds until the screen turns off - the Status LED should be off. The HC700-G will store the information of the last used program screen and will turn off. No information will be lost from the memory. Once turned on again, the HC700-G will return to the last program screen that previously in use.

Turning off when the unit is in Suspend mode

If the unit is in Suspend mode (the screen is off and the Status LED flashes green), perform the following:

1. Resume operation by momentarily pressing the Power button.
2. Wait for five seconds.
3. Hold down the Power button pressed for four seconds until the screen turns off.

Resuming Operation

Whenever the HC700-G screen is off, press the Power Button (see Figure 1) to resume operation.

Important: When the battery is critically drained, operation can not be resumed by pressing the Power button. The HC700-G automatically turns off the screen and Status LED. The unit maintains its memory content until charged again. To resume operation, place the HC700-G for charging or replace battery.

Suspend Mode

Use Suspend mode as often as possible during daily use to conserve battery power. For power saving, the HC700-G will automatically turn to Suspend after 1 minute (default). To configure the time duration before the HC700-G enters Suspend mode, go to: *Start Menu -> Settings -> System -> Power -> Advanced* (duration range is 0 to 5 minutes).

To manually shift to Suspend mode - while the HC700-G is turned on, momentarily press the Power Button (see Figure 1).

During Suspend mode the display turns off and the status LED inside the Power Button slowly flashes green. To resume operation, momentarily press the Power Button again.

In Suspend mode, the battery power is conserved by automatically turning off the display and the computer sections of the HC700-G. During Suspend mode, the radios in use continue to operate. When the HC700-G resumes operation, it returns to the program screen shown prior to entering Suspend mode.

The Status LED

The status LED, located inside the Power Button (see Figure 5), may show three colors to indicate the HC700-G power status.

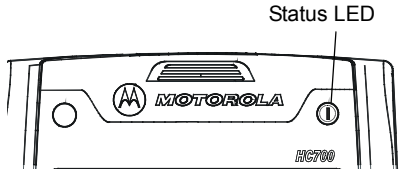


Figure 5. HC700-G - Status LED

The Status LED indications are not identical and have different meaning when the HC700-G is used outside of the cradle and when docked in the cradle.

LED indications when HC700-G is used outside of the cradle

Table 1: Status LED indications when HC700-G is used out of the Cradle

Status	Description
Slowly flashing green	HC700-G is in Suspend mode
Fast flashing green with off interval	HC700-G display is off
Steady red for 6 seconds	HC700-G is resuming from critical off or power off. Important!: to avoid system failure, <u>do not remove the battery when the LED illuminates steady red.</u>

LED Indications when HC700-G is docked in the cradle

Table 2: Status LED indications when HC700-G is docked in the Cradle

Status	Description
Steady red	Battery is charging
Steady green	Battery is fully charged
Flashing amber	1. Battery temperature is out of range - battery charging has stopped. Charging will resume when battery temperature is within range. 2. Battery Voltage is out of range (drained battery). The cradle will attempt to initiate charging for 20 minutes and then stop if unsuccessful.
Flashing red/green	Charging error/defective battery. Remove the HC700-G from the cradle and dock it back again. If the LED begins to flash red/green, within 20 minutes, replace the battery.

The Application LED

The Application LED (see Figure 6) may be used for any kind of application notification. For example; the LED may show communication indication

when the application establishes connection with a host computer or indicate an alert that needs to be handled. For more information, refer to your software application guide and the HC700-G Software Development Kit (SDK).

Application LED

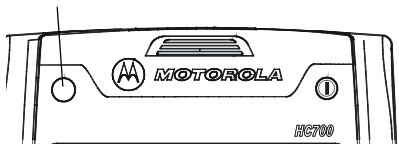


Figure 6. HC700-G - Application LED

Using the Keypad

The HC700-G keypad enables the user to enter both alphabetic and numeric data to the software application. However, since the keypad can only contain a limited number of keys, some special keys are assigned to perform special tasks that are usually found on full-size computer keyboards. These are produced using a combination of the existing keys on the HC700-G keypad.

Two sets of keys exist on the HC700-G:

1. Keys active when in Alphabetic mode, which are those seen on the overlay of the HC700-G keypad.
2. Keys active when in Shift or Function mode which are those seen next to each key on the HC700-G keypad panel.

Press the <SHIFT> key to toggle between the Alphabetic and Numeric keypad modes. Figure 7 shows the HC700-G keypad and Table 3 describes the HC700-G keys assignment.

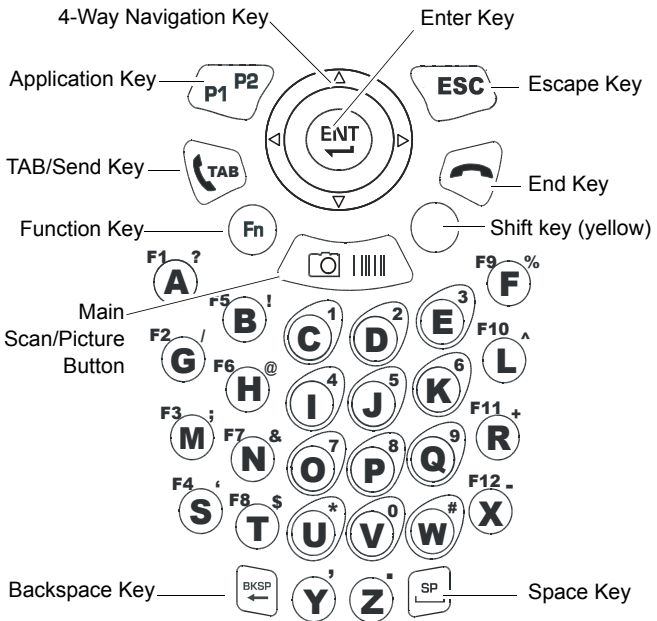


Figure 7. HC700-G - Keypad