MC40-HC MOBILE COMPUTER

COOL STYLING — AND ALL THE FEATURES YOU NEED TO DELIVER THE HIGHEST QUALITY CARE

Improve patient safety, the patient experience and healthcare staff productivity with the fully-featured pocket-sized MC40-HC. Your patients chose you as their healthcare provider. In order to keep that patient, you need to deliver the very best in care. And delivering the best care possible requires healthcare staff to have right-now access to whatever information is required to not only take instant action — but to take the right action.

The MC40-HC gives your healthcare staff everything needed to make the right decision in a split second, all in a device that rivals the design of today's coolest mobile devices, including smartphones. Your healthcare staff will instantly feel comfortable with the all-touch MC40-HC. With the familiar Android operating system, healthcare staff already know how to interact with the device, virtually eliminating training. It is just a little bigger than a smartphone, but still easily fits in a pocket, where it is always handy. But the similarities to consumer-style devices end there. Extensions (Mx) from Motorola Solutions infuses Android™ with the enterprise-class features required in the critical environment of healthcare — robust Wi-Fi connections that keep staff connected; security features that protect data and help meet HIPAA requirements and complete remote control over devices as well as their applications. And with enterprise-class data capture, nurses and lab technicians can count on easy first time every time scanning of any bar code, ensuring accuracy in medication administration and specimen collection — where errors can be potentially deadly.

Disinfectant-ready with enterprise-class durability
You get the durability that Motorola Solutions is famous for — the MC40-HC simply works, despite drops, bumps, spills and constant sanitizing with harsh chemicals.

Advanced scanning technology
Nurses and clinical staff can count on dependable scanning of any 1D or 2D bar code displayed on a computer screen or printed on paper — even if the codes are dirty, poorly printed or damaged. Omni-directional scanning delivers point-and-shoot simplicity — there is never a need to align the device and bar code.

A large 4.3 inch touch-only display
Provides the screen real-estate to support information-intensive apps, such as electronic health records and real-time feeds of patient vital signs.

Android fortified for the enterprise
Mx adds new features that transform Android from a consumer operating system (OS) to a true enterprise-class operating system, adding the enterprise-class security, manageability, wireless connection quality and data capture feature support your organization requires.

A powerful voice connection to nearly any other mobile device in the hospital
With our unique integrated voice solutions, the MC40-HC is push-to-talk (PTT) ready right out of the box, easily connecting to other PTT-enabled Motorola mobile computers, two-way radios and third party popular smartphones.

User replaceable battery for guaranteed availability all shift, every shift
Up to 8 to 10 hours of operation on a single charge virtually eliminates downtime due to a dead battery during a shift; user-swappable batteries protect device uptime and increase device utilization for a stronger return on investment.

Rich photographic intelligence
The high-resolution 8 MP camera enables the capture of photos that document patient condition, plus documents that are highly legible, all with the quick press of a button.

THE MC40-HC — THE NEW FACE OF HEALTHCARE MOBILITY
For more information, visit www.motorolasolutions.com/mc40hc or access our global contact directory at www.motorolasolutions.com/contactus
**SPECIFICATIONS CHART**

**PHYSICAL CHARACTERISTICS**
- Dimensions: 5.66 in. H x 2.87 in. W x 0.79 in. D
- Weight: 9.38 oz./266.1 g (with battery)
- Display: 4.3 in. capacitive; 480 x 800; 300 NIT
- Touchpanel: Capacitive dual-touch
- Backlight: LED backlight
- Standard Battery: Rechargeable Lithium Ion 3.7V, 2680 mAh
- Backup Battery: NI-MH battery (rechargeable) 15 mAh 3.6 V (not user accessible)
- Connectivity: USB 2.0 OTG connector
- Notification: LED, audio and vibration
- Keypad: On-screen keypad
- Audio: Speakers, microphone and headset connector (mono, 2.5 mm jack with microphone); stereo audio through Bluetooth stereo headsets

**PERFORMANCE CHARACTERISTICS**
- CPU: 800MHz OMAP 4 dual-core processor
- Operating System: Android 4.1.1
- Memory: 1 GB RAM/8 GB Flash

**USER ENVIRONMENT**
- Operating Temp.: 0° C to 50° C / 32° F to 122° F
- Storage Temp.: -40° C to 70° C / -40° F to 158° F
- Humidity: 5% to 85% RH non-condensing
- Drop Specification: Multiple 4 ft./1.2 m drops per MIL-STD 810G
- Tumble Specification: 250 1.6 ft./0.5 meter tumbles (500 drops) at room temperature, per applicable IEC tumble specifications
- Sealing: IP54
- ESD: ±15kVdc air discharge, ±8kVdc direct discharge, ±2kVdc indirect discharge

**INTERACTIVE SENSOR TECHNOLOGY (IST)**
- Motion Sensor: 3-axis accelerometer provides motion-sensing for dynamic screen orientation and power management
- Light Sensor: Automatically adjusts display backlight brightness
- Proximity Sensor: Prevents unwanted keypresses in handset mode

**DATA CAPTURE**
- Imager: SE4500-DL
- Camera: Rear-facing 8 MP auto-focus with aiming for bar code scanning and image capture
- Data Types: 1D/2D bar codes, photographs, video, signatures, documents

**VOICE AND AUDIO**
- PTT (client included), VoIP models (VoIP client not included); high-quality speakerphone; wireless (Bluetooth) headset support; PTT headset support; handset/speakerphone modes

**WIRELESS LAN VOICE AND DATA COMMUNICATIONS**
- Radio: Tri-mode IEEE® 802.11a/b/g/n
- Security: Security Modes Legacy, WPA and WPA2
- Encryption: TKIP and AES Authentication TLS, TTLS (MS-CHAP), FAST (MS-CHAP), FAST (GTC), LEAP
- Data Rates: 802.11b: 1, 2, 5.5, 11 Mbps
- 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- 802.11n: 6.5, 13, 19.5, 26, 39, 52, 58.5, 65 Mbps
- Operating Channels: Chan 36-165 (5180 – 5825 MHz), Chan 1-13 (2412 - 2472 MHz); actual operating channels/frequencies depend on regulatory rules and certification agency

**WIRELESS PAN VOICE AND DATA COMMUNICATIONS**
- Bluetooth Class II, v 2.1 with EDR, integrated antenna

**PERIPHERALS AND ACCESSORIES**
- Accessories include single* and 5-slot* charging cradles; single* and 4-slot* battery chargers; holster and a wearable carrying solution
- Approved Cleanser
  - Active Ingredients:
    - 100% of the active ingredients in any cleaner must consist of one or some combination of the following: isopropyl alcohol; bleach/sodium hypochlorite; hydrogen peroxide; mild dish soap

**CLEANING INSTRUCTIONS**

**Harmful Ingredients:**
- The following chemicals are known to damage the plastics on the MC40-HC mobile computers and should not come in contact with the device: ammonia solutions, compounds of amines or ammonia; acetone; ketones; ethers; aromatic and chlorinated hydrocarbons; aqueous or alcoholic alkaline solutions; ethanolamine; toluene; trichloroethylene; benzene; carbolic acid; TB-lysozyme
- Cleaning Instructions:
  - Do not apply liquid directly to the MC40-HC mobile computers. Dampen a soft cloth or use pre-moistened wipes. Do not wrap the device in the cloth or wipe, but gently wipe the unit. Be careful not to let liquid pool around the display window or other places. Allow the unit to air dry before use.

**Special Cleaning Notes:**
- Many vinyl gloves contain phthalate additives, which are often not recommended for medical use and are known to be harmful to the housing of the MC40-HC mobile computers. The devices should not be handled while wearing vinyl gloves containing phthalates, or before hands are washed to remove contaminant residue after gloves are removed. If products containing any of the harmful ingredients listed above are used prior to handling the MC40-HC mobile computers, such as hand sanitizers that contain ethanolamine, hands must be completely dry before handling the devices to prevent damage to the plastics.

**WARRANTY**
- Subject to the terms of Motorola’s hardware warranty statement, the MC40-HC is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statement, please visit: http://www.motorolasolutions.com/warranty

**RECOMMENDED SERVICES**
- Managed Device Service
- Service from the Start with Comprehensive Coverage

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1. Motorola Solutions mobile computers require the complimentary Push-to-Talk Express client from Motorola; third party mobile devices require Motorola’s Unified Retail Communications client; two-way radios require Motorola’s Radio Link server.
2. Refer to the User Manual for charging recommendation.

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**APPENDIX**

**Approved Cleanser**

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