



# MC75A SERIES

## PREMIUM 3.5G WORLDWIDE ENTERPRISE DIGITAL ASSISTANT (EDA)

### THE NEXT EVOLUTION IN EDA POWER

Motorola's MC75A Series takes its place as one of the world's premier EDAs, offering more enterprise-class features and functionality than any other device in its class. Turbocharged with many Motorola Mobility Architecture eXtension (MAX) features, the MC75A addresses top business mobility needs, offering maximum processing power, rugged design, flexibility in extending solution reach, data capture capabilities, connectivity options, security and manageability. Three models meet the needs of every worker: a WLAN-only model for workers inside the four walls; a WLAN model designed to meet the special needs in healthcare environments; and a 3.5G WWAN/WLAN model for your field workforce. Add a field proven ergonomic design that is easy-to-hold, easy-to-carry and easy-to-use, and you have maximum value in a minimum footprint — all at the right price.

### MAXIMUM POWER

The MC75A offers the most robust processing platform in the EDA class today, from operating system to memory architecture, including Microsoft Windows Embedded Handheld; a PXA320 processor with 806 MHz of blazing speed; and 256MB RAM/1GB Flash with a user accessible microSD slot to accommodate up to 32GB of additional

storage. As a result, the MC75A delivers consistent desktop-like performance, regardless of whether your applications incorporate high resolution video, documents and images or you need thick client applications.

### MOTOROLA'S MOST RUGGED EDA

With Motorola MAX Rugged, you can count on reliable operation inside and outside the enterprise. The MC75A meets or exceeds MIL-STD 810G requirements for stress (drop) testing as well as IEC specifications for tumble and sealing. The MC75A can handle multiple 6 ft./1.6 m drops plus 1,000 consecutive 1.6 ft./0.5 m tumbles (2,000 drops) — and still deliver dependable performance. The IP54 sealing rating enables use in dusty environments and exposure to rain or spills. The disinfectant-ready MC75A Series helps prevent the spread of germs to patients and caregivers in a hospital as well as shift workers in other industries who share devices. All models can be sanitized with many common cleansers, without harming the plastics or the sensitive scanning components. And with Hazardous Location certified models, you can easily extend the power of mobility to areas where flammable materials are present. The result? Fewer repairs and maximum uptime, providing a strong return on asset (ROA).

## MAXIMUM FLEXIBILITY

The MC75A offers a level of flexibility that puts it in a class of its own, with a feature set that includes many Motorola-unique capabilities.

**The only EDA to offer five keypads.** Numeric, QWERTY, DSD, AZERTY and QWERTZ keypads enable maximum data entry simplicity for virtually any application anywhere in the world. Enterprises can standardize on a single device for many different workgroups with different application needs, simplifying the mobility architecture as well as reducing training and support costs.

**Motorola Integrated Voice Solutions: unparalleled integrated voice interoperability.** Inside the four walls, different workgroups often require different types of devices that run on different networks — from mobile computers and VoWLAN devices to two-way radios. The result is ‘islands of voice’ — the inability for cross-communications between device families. The MC75A eliminates this issue. The integrated

TEAM Express voice client enables push-to-talk instant communications with other TEAM Express-enabled Motorola mobile computers, TEAM smartphones and two-way radios (Radio Link Server required). With powerful and highly cost-effective one-to-one and one-to-many voice communications between all workers inside the four walls, the enterprise enjoys lightning fast response times, improved productivity and decision-making — as well as increased customer service, satisfaction and retention.

**Motorola MAX Locate for more robust location-based applications.** Integrated aGPS/GPS technology opens up a world of possible location-based applications — including real-time navigation, better fleet management, the ability to geostamp a photo for proof of condition or capture coordinates for proof of delivery in transportation and logistics or proof of service for inspections and maintenance. The best-in-class implementation includes the SiRFstarIII GSC3f/LP GPS chipset for robust coverage even in challenging urban canyons and areas of dense foliage, providing more

## FEATURES

### MAXIMUM POWER

**Powerful microprocessor designed for mobility: PXA320 @ 806 MHz**

Desktop-like multimedia performance optimized for longer shift life

**Microsoft's latest OS: Windows® Embedded Handheld**

Increased interoperability with existing enterprise infrastructure; enhanced security features; more flexible development platform; improved mobile messaging collaboration

**256MB RAM/1GB Flash**

Provides memory space required to enable robust performance for database applications

**User accessible microSD card slot**

Provides additional memory and expandable functionality up to 32GB

### MAXIMUM RUGGED DESIGN



**Motorola MAX Rugged: Industry-leading drop, tumble and sealing specifications with a disinfectant-ready housing**

Lightweight yet rugged; built for year-round use in nearly any environment; can be sanitized with many common cleansers to prevent the spread of germs as well as enable cleaning if the device is exposed to dust, dirt, grease, spills and more; can be used safely in areas with ignitable materials (Hazardous Location certified models only)

### MAXIMUM CONNECTIVITY OPTIONS — AND WIRELESS PERFORMANCE

**3.5G WWAN: GSM HSDPA or CDMA-EVDO Rev A broadband connectivity over the cellular network**

High performance wireless broadband voice and data anywhere in the world: connection to most carriers in the world with one platform; best in class cellular broadband throughput; integrated voice and data services: allows workers to conduct a phone call while maintaining a data connection (where supported by carrier); internal WWAN diversity antenna provides better signal reception and a more dependable connection

**WLAN: 802.11a/b/g tri-mode radio; comprehensive VoIP support**

Cost-effective voice and data connectivity in the office and hot spots; 802.11a enables segmentation of voice traffic to protect voice quality

**WPAN: Bluetooth® v2.1 with EDR2**

Wireless connectivity to modems, printers, headsets and more; additional profiles for expanded connectivity to more device types with either Microsoft or Stonestreet stacks; v2.1 simplifies pairing, improves security and reduces power consumption

**IrDA**

Wireless connectivity to legacy printers and other business equipment

## THE MC75A SERIES IN ACTION INSIDE THE FOUR WALLS



### Retail

The MC75A enables the complete mobile associate, providing the power to answer customer questions, manage inventory, line bust, process purchases and more, right on the spot.



### Hospitality

The MC75A provides the real-time information employees need to provide guests with superior service every moment of their stay. From the check-in process to the pool bar, your guests' experience is always four star.



### Healthcare

Able to withstand wipe downs and sanitization, the MC75A enables many mobile point of care (POC) applications, from medication administration and specimen collection to nurse call, charge capture and inventory management.

users with location-based services in more areas. And the low-power chipset delivers top-notch accuracy with minimal power requirements, conserving battery power.

**Enterprise-class motion sensing with Motorola MAX Sensor.** MAX Sensor enables business-class implementation of one of the most popular consumer-style cellular phone technologies in the MC75A — the accelerometer. In addition to the typical ability to automatically switch between portrait and landscape display based on the orientation of the device, many additional features can be enabled in seconds, right out of the box. Power management features help ensure full shift battery power. For example, the device can automatically revert to sleep mode if movement is not detected in a specified period of time, or if the display is face down. The ability to detect and log drops helps increase worker accountability for device condition. And the open architecture allows enterprises to integrate the accelerometer data into customized applications that can help improve the safety of field service technicians working in remote areas and prevent device theft.

**MAX Data Capture for maximum business functionality.** The MC75A captures virtually any type of data and performs almost any business function, streamlining and reducing errors in your business processes. As the inventor of bar code scanning, Motorola offers unparalleled 1D and 2D scanning technology. The SE950 scan engine provides best-in-class 1D bar code scanning performance, while

the SE4500, Motorola's revolutionary imager engine, delivers equally stunning performance on 1D and 2D bar codes. Two options provide the flexibility to address your unique bar code requirements. For 1D or 2D intensive applications and maximum reading distance, choose the SR4500-SR. For 1D and 2D intensive applications with smaller and high density bar codes, including those found on some driver's licenses, choose the SR4500-DL. In addition, the SE4500 offers omni-directional scanning, eliminating the need to align bar code and scanner, and providing the intelligence to capture even damaged and poor quality bar codes. The integrated 3.2 megapixel autofocus color flash-enabled camera enables the easy capture of high-resolution photographs, video footage and documents — complete with legible fine print.

## COMPREHENSIVE ACCESSORY FAMILY EXPANDS SOLUTION REACH

The Magnetic Stripe Reader (MSR) and Mobile Payment Module (MPM) enable workers to process purchases virtually anywhere in the world — from the retail sales floor to the customer's doorstep. Third party peripherals, such as an RFID reader, enable users to leverage RFID data to streamline and error-proof inventory and other workflows. Motorola's Bluetooth®-enabled RS507 Imager, worn on two fingers, provides hands-free scanning convenience. And a trigger handle allows workers to switch between handheld and industrial-style gun form factors in seconds, providing comfort for the most scan intensive tasks.

## MAXIMUM CONNECTIVITY OPTIONS

With the MC75A, your workers hold the universe of wireless connectivity options in their hands. WWAN functionality provides a connection to the fastest available cellular networks. Support for 3.5G HSDPA or CDMA EVDO Rev A provides workers anywhere in the world with high-performance broadband speeds. Comprehensive 802.11a/b/g support provides a seamless cost-effective WLAN connection inside the four walls and in hot spots — and support for 802.11a allows the granular segmentation of voice traffic, ensuring quality of service for VoWLAN communications. Bluetooth provides a wireless connection to a wide range of Bluetooth-enabled

peripherals, such as headsets and printers. Support for the latest Bluetooth technology — v2.1 with EDR — provides simple one-step easy pairing, improved security and reduced power consumption. And support for IrDA enables wireless communications with a wide range of existing business equipment — from medical equipment to fax machines.

## GOVERNMENT-GRADE SECURITY WITH MOTOROLA MAX SECURE

The Motorola MAX Secure feature set keeps your data safe and secure, regardless of whether the MC75A is connected to the WWAN or the WLAN. Native FIPS 140-2 Level 1 certification and support for the most

## FEATURES (continued)

### MAXIMUM MANAGEABILITY

#### **MPA Motorola MAX MPA: Mobility Platform Architecture 2.0**

Provides the latest best-in-class technology architecture; preserves existing application investments by enabling easy and cost-effective porting of applications from other Motorola mobile computers

#### **Comprehensive centralized device management**

Compatibility with Motorola Mobility Services Platform (MSP) and Motorola Mobility Suite provides superior centralized and remote management of all devices anywhere in the world — from a single console

### MAXIMUM SECURITY

#### **Motorola MAX Secure**

FIPS 140-2 certification and support for the most advanced encryption and authentication algorithms as well as Virtual Private Networks (VPNs) enables compliance with the most stringent industry security regulations, including sensitive government applications

### MAXIMUM FLEXIBILITY

#### **101100 Motorola MAX Data Capture: multi-mode data capture via a bar code scanner plus a color camera**

Ability to capture high quality pictures, documents and signatures as well as 1D and 2D bar codes in a single device improves workforce automation, increases productivity and reduces data errors

#### **Motorola MAX Sensor**

Enterprise-class Interactive Sensor Technology (IST) enables leading edge motion-based applications, including dynamic screen orientation, power management and free-fall event logging



#### **Motorola MAX Locate: SiRFstarIII GSC3ef/LP GPS chipset**

Integrated, autonomous and assisted GPS support for robust location-based applications; high performance, power-efficient processor capable of acquiring and maintaining a signal lock in areas where signals are typically weak, expanding the coverage area for GPS applications; faster time to first fix (TTFF); operates in either standalone or assisted GPS (aGPS) mode (carrier dependent) for faster and more accurate positioning

#### **Multiple keyboard options: Numeric, QWERTY, DSD, QWERTZ and AZERTY**

Flexibility to meet diverse user and application needs

#### **Multiple voice modes: handset, headset and speakerphone**

Flexibility to use the right mode at the right time; high quality speaker, microphone and receiver provide superior voice quality and performance



#### **Motorola MAX Display: 3.5 inch color high definition PenTile® VGA display (640 x 480)**

Easy to view in any lighting; supports display of high resolution images enabling the easy capture and viewing of high-resolution photographs, video and documents

#### **Backwards compatible with MC70 and MC75 accessories**

Provides investment protection for existing investments

#### **Comprehensive accessory suite**

Add-on functionality expands solution reach, protects investment and maximizes TCO — rich accessory ecosystem offers the ability to read debit and credit cards around the world, hands-free scanning, RFID and more

## THE MC75A IN ACTION IN THE FIELD



### Field Service/Sales

The MC75A supports robust automation out in the field, enabling real-time dynamic work order assignment, proof of service, sales order management, asset management and the ability to process COD transactions.



### Transportation & Logistics

With a rugged design that can survive life in a truck, the MC75A enables real-time pick-up and delivery, inventory management, proof of location and condition and more.



### Government

Its rugged design and FIPS 140-2 certification enable state, local and federal governments to leverage the MC75A to improve operational efficiency and better protect revenues — and constituents.

advanced encryption and authentication algorithms as well as Virtual Private Networks (VPNs) provides the compliance required for government level applications as well as stringent industry regulations — including PCI in retail and HIPAA in healthcare. And Motorola's deep knowledge of wireless infrastructure enables the integration of FIPS and other security requirements without the typical impact on WLAN performance.

## MAXIMUM EASE OF APPLICATION DEVELOPMENT AND DEVICE MANAGEABILITY

In addition to the right set of features for your users and applications, the MC75A also offers the functionality required to reduce IT time and cost, including:

### Rapid and cost-efficient application development.

Motorola MAX MPA (Motorola Platform Architecture) provides an industry standard platform that enables easy integration into your existing technology environment. Since all Motorola mobile computers share this common platform, existing applications developed for other Motorola mobile computers can be ported effortlessly and seamlessly to the MC75A, enabling exceptionally rapid deployment and improving the return on investment for existing applications. Additionally, Motorola's robust award winning partner channel provides access to a world of well-tested best-in-class line of business applications, further reducing application development time and costs.

Another Motorola tool, PocketBrowser, is built on Pocket Internet Explorer and Internet Explorer, providing a familiar and easy-to-use environment that enables the simple and rapid development of applications that incorporate the wide range of advanced data capture capabilities integrated into the MC75A — from bar code scanning to signature capture.

### Comprehensive centralized tools for cost-effective day-to-day management.

Compatibility with the Motorola Mobility Suite enables extraordinary centralized control of your MC75A devices. Motorola Mobility Services Platform (MSP) allows IT to remotely stage, provision, monitor and troubleshoot tens of thousands of devices inside and outside the four walls virtually anywhere in the world, all from a central location, radically reducing one of the largest costs associated with mobility — day-to-day management. Device-level intrusion protection and Mobile Virtual Private Network (VPN) solutions allow the addition of extra layers of security to protect data that is resident on the device and in transit to and from the MC75A and your network. And AppCenter allows enterprises to easily define which features and software applications users can access, preventing unauthorized device usage that could reduce productivity.

## THE MOTOROLA ADVANTAGE: WORLD CLASS PARTNERS AND WORLD CLASS SUPPORT

**PRODUCT SPEC SHEET**  
MC75A SERIES

Motorola’s award-winning partner ecosystem offers a best-in-class, broad set of ready-to-go and custom applications for a wide variety of industries, minimizing deployment time and cost. And since even rugged devices require a support plan, Motorola offers Service from the Start with Comprehensive Coverage to help keep your MC75A up and running at peak performance. This unique all-inclusive service significantly reduces your unforeseen repair expenses by covering normal

wear and tear as well as internal and external components damaged through accidental breakage — all at no additional charge. And options such as Commissioning Service and Express Shipping help to further minimize downtime in the unlikely event your device requires repair.

For more information on how you can leverage the benefits of the MC75A in your enterprise, please visit us on the Web at [www.motorola.com/MC75A](http://www.motorola.com/MC75A), [www.motorola.com/MC75A0hc](http://www.motorola.com/MC75A0hc) (healthcare model) or access our global contact directory at [www.motorola.com/enterprise/contactus](http://www.motorola.com/enterprise/contactus)

## SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS		USER ENVIRONMENT	
Dimensions	6 in. L* x 3.3 in. W x 1.7 in D 15.24 cm L* x 8.4 cm W x 4.4 cm D	Operating Temp.	14° F to 122° F/-10° C to 50° C
Weight (including standard battery)	WWAN standard 1.5X battery: 14.9 oz./423 g WLAN standard 1.5X battery: 14 oz./398 g	Storage Temp.	-40° F to 158° F/-40° C to 70° C (w/o battery)
Display	PenTile® 3.5 in. color VGA (640x480) super bright 650+ NITS (luminous)	Humidity	95% non-condensing
Touch Panel	Glass analog resistive touch	Drop Spec	Multiple 6 ft./1.6 m drops, per MIL-STD 810 specifications.
Display Backlight	LED backlight	Tumble Spec	1,000 1.6 ft./5 m tumbles (2,000 drops); per applicable IEC tumble specifications
Standard Battery	Rechargeable Lithium Ion 3.7V, 3600 mAh Smart Battery	Sealing	IP54 per applicable IEC sealing specifications
Extended Battery	Optional 3.7V, 4800 mAh Smart Battery	IrDA	Infra-red port for connection to printers and other devices
Backup Battery	Ni-MH battery (rechargeable) 15mAh 2.4V (not user-accessible)	Clock	Integrated real time clock
Expansion Slot	microSD slot with SDHC Support (up to 32GB)	Light Immunity Display	Readability: Incandescent — 450 ft. candles; Sunlight — 8000 ft. candles; Fluorescent — 450 ft. candles
Comm. Interface	Ethernet (via cradle); Full-speed USB, host (USB 1.1) or client (USB 2.0)	Electrostatic Discharge (ESD)	±15kV air discharge, ±8kV direct discharge
Notification	Vibrator and LED	<b>HAZARDOUS LOCATION CERTIFICATIONS*</b>	
Keypad Options	Numeric; QWERTY; DSD; AZERTY; QWERTZ	UL Class I, II, III Division 2, Groups A, B, C, D, F, G certifications enable use in areas where ignitable elements may be present, such as flammable liquids, gases, dusts, solids, fibers and flyings — ideal for inventory counts of dangerous materials or inspections of weaponry and munitions	
Audio	VoWWAN; VoWLAN; TEAM Express compliant; support for wired and wireless (Bluetooth) headsets; headset, handset and speaker phone modes	<b>BATTERY PERFORMANCE</b>	
<b>PERFORMANCE CHARACTERISTICS</b>		Standby time	150 hours
CPU	PXA320 @ 806 MHz processor	Talk time	5 hours
Operating System	Microsoft® Windows Embedded Handheld	User profiles	<b>Outdoor WAN+GPS:</b> 15 min/hour voice communication, 10kB transmission every 10 min, and GPS on all time, 8 hours of operation. <b>Outdoor Voice:</b> 15 min/hour voice communication, 8 hours of operation, and 75 hours standby time.
Memory	256MB RAM; 1GB Flash	Note: Performance metrics above were measured with Battery reserve option set the highest (72 hours)	
Interface	RS-232, USB 1.1	<b>WIRELESS WAN DATA AND VOICE COMMUNICATIONS</b>	

\* For WAN configurations, add 1 in./2.54 cm to the length (L) for the antenna

\* Select configurations only

# SPECIFICATIONS CHART (continued)

WWAN Radio	GSM: HSDPA; CDMA: EVDO Rev A
GPS	Integrated, Autonomous and Assisted-GPS (A-GPS) through SUPL; SiRFstarIII GSC3f/LP chipset

## WIRELESS LAN DATA AND VOICE COMMUNICATIONS

WLAN Radio	Tri-mode IEEE® 802.11a/b/g
Data Rates Supported	1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48 and 54 Mbps
Operating Channels	Chan 8-165 (5040 – 5825 MHz) Chan 1-13 (2412-2472 MHz) Chan 14 (2484 MHz) Japan only Actual operating channels/frequencies depend on regulatory rules and certification agency
Security	WPA2, WEP (40 or 128 bit), TKIP, TLS, TTLS (MS-CHAP), TTLS (MS-CHAP v2), TTLS (CHAP), TTLS-MD5, TTLS-PAP, PEAP-TLS, PEAP (MS-CHAP v2), AES, LEAP, CCXv4 certified; FIPS 140-2 certified
Spreading Technique	Direct Sequence Spread Spectrum (DSSS) and Orthogonal Frequency Division Multiplexing (OFDM)
Antenna	Internal for LAN, External for WAN
Voice Communication	Integrated Voice-over-IP ready (P2P, PBX, PTT), Wi-Fi™-certified, IEEE 802.11a/b/g direct sequence wireless LAN

## WIRELESS PAN DATA AND VOICE COMMUNICATIONS

Bluetooth	Class II, v2.1 with Enhanced Data Rate (EDR) integrated antenna
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## DATA CAPTURE SPECIFICATIONS

Five Configuration Options	<b>Standard model available in four configurations:</b> Options: 1D laser scanner; 2D imager; 1D laser scanner and camera; 2D imager and camera <b>Healthcare model</b> (MC75A0-HC) configured with 2D imager, 3.2 MP camera, QWERTY keypad and WLAN/WPAN (no WWAN)
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## COLOR CAMERA

Resolution	3.2 megapixel
Illumination	User controllable flash
Lens	Auto focus

## 1D LASER SCANNER (SE950)

Range on 100% UPCA	24 in./60 cm
Resolution	4 Mil minimum element width
Roll	± 35° from vertical
Pitch Angle	± 65° from normal
Skew Tolerance	± 50° from normal
Ambient Light Immunity	Tolerant to typical artificial indoor and natural outdoor (direct sunlight) lighting conditions. Fluorescent, Incandescent, Mercury Vapor, Sodium Vapor, LED: 450 Ft Candles (4,844 Lux) Sunlight: 8000 Ft Candles (86,111 Lux) <b>Note:</b> LED lighting with high AC ripple content can impact scanning performance.
Scan Rate	104 (± 12) scans/sec (bi-directional)
Scan Angle	47° ± 3° default; 35° ± 3° reduced

## 2D IMAGER ENGINE (SE4500-SR)

Focal Distance	From center of exit window: SR – 7.5 in./19 cm
Sensor Resolution	752 x 480 pixels
Field of View	Horizontal: 40°; Vertical: 25°
Skew Tolerance	± 60°
Pitch Tolerance	± 60°
Roll Tolerance	360°
Ambient Light Immunity	9,000 ft. candles/96,900 lux
Aiming LED (VLD)	655 ± 10 nm Laser
Illumination Element (LED):	625 ± 5 nm LEDs (2x)

## 2D IMAGER ENGINE: SE4500-DL

Focal Distance	From center of exit window: SR – 5 in./13 cm
Sensor Resolution	752 x 480 pixels
Field of View	Horizontal: 33°; Vertical: 25°
Skew Tolerance	± 60°
Pitch Tolerance	± 60°
Roll Tolerance	360°
Ambient Light Immunity	9,000 ft. candles/96,900 lux
Aiming LED (VLD)	655 ± 10 nm Laser
Illumination Element (LED)	625 ± 5 nm LEDs (2x)

## MOTOROLA INTERACTIVE SENSOR TECHNOLOGY

Motion-sensor: 3-axis accelerometer that enables motion-sensing applications for dynamic screen orientation, power management and free-fall detect

## PERIPHERALS AND ACCESSORIES

Communication and Charging Cables	Serial and USB v1.1 charging cables, printer cables, vehicle charging cable, power/charging cable
Battery Chargers	4-slot battery charger (1X, 1.5X and 2.5X), universal battery charger (requires adapters for 1X, 1.5X and 2.5X capacity batteries)
Vertical-specific attachments	Snap-on Magnetic Stripe Reader (MSR); Payment Snap-on (Debit and Credit); Mobile Payment Module; Mobile Payment Module with Chip and PIN; Snap-on Biometric Fingerprint/Smartcard Reader; Trigger Handle
Electrical Safety	Certified to UL / cUL 60950-1, IEC / EN60950-1
EMI/RFI	USA: FCC Part 15; Canada: ICES 003 Class B; Europe: EN55022 Class B, EN 55024, EN60601-1-2; Australia: AS/NZS CISPR 22

For countries outside USA, Canada, European Economic Area, Japan or Australia consult your local Motorola representative; for a complete list of MC75A Peripherals and Accessories, please visit [www.motorola.com/mc75a](http://www.motorola.com/mc75a) or [www.motorola.com/mc75a0hc](http://www.motorola.com/mc75a0hc)

## REGULATORY

Electrical Safety	Certified to UL / cUL 60950-1, IEC / EN60950-1
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## SPECIFICATIONS CHART (continued)

Environmental	RoHS-compliant
WLAN and Bluetooth	USA: FCC Part 15.247, 15.407 Canada: RSS-210 EU: EN 300 328, EN 301 893 Japan: ARIB STD-T33, ARIB STD-T66, ARIB STD-T71 Australia: AS/NZS 4268
Quad Band GSM/EDGE, plus Tri-band HSDPA:	Global: 3GPP TS 51.010, 3GPP TS 34.121, 3GPP TS 34.123 GCF approved module USA: FCC Part 22, Part 24 Canada: RSS-132, RSS-133 EU: EN301 511, EN301 908 Australia: AS/ACIF S042.1&3
CDMA-EVDO Rev. A	Verizon and Sprint (For the latest information, contact your local Motorola representative)
RF Exposure	USA: FCC Part 2, FCC OET Bulletin 65 Supplement C Canada: RSS-102 EU: EN 50360 Australia: Radiocommunications Standard 2003
EMI/RFI	North America: FCC Part 15, Class B Canada: ICES 003 Class B EU: EN55022 Class B, EN 301 489-1, EN 301 489-3 EN 301 489-7, EN 301 489-17, EN 301 489-24, EN 60601-1-2 Australia: AS/NZS CISPR-22
Laser Safety	IEC Class2/FDA Class II in accordance with IEC60825-1/EN60825-1

For countries outside USA, Canada, European Economic Area, Japan or Australia consult your local Motorola representative

### WARRANTY

The MC75A Series is warranted against defects in workmanship and materials for a period of 12 months from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions.

The MC75A Series is a true global product that is supported in all industrial countries. Please visit [www.motorola.com](http://www.motorola.com) for a complete list of supported countries.

### CLEANING INSTRUCTIONS

#### Approved Cleanser Active Ingredients:

100% of the active ingredients in any cleanser must consist of one or some combination of the following: isopropyl alcohol; bleach/sodium hypochlorite; hydrogen peroxide; mild dish soap

#### Harmful Ingredients:

The following chemicals are known to damage the plastics on the MC75A Series 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; ethanalamine; toluene; trichloroethylene; benzene; carboic acid; TB-lysoform

#### Cleaning Instructions:

Do not apply liquid directly to the MC75A Series. 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 MC75A Series. The MC75A Series 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 MC75A Series, such as hand sanitizers that contain ethanalamine, hands must be completely dry before handling the MC75A Series to prevent damage to the plastics.



**MAX**  
*Rugged*



**MAX**  
*Secure*



**MAX**  
*Sensor*



**MAX**  
*Data Capture*



**MAX**  
*Locate*



**MAX**  
*MPA*



**MAX**  
*Display*

