



# mobile

*Workstation 520*

*The modular,  
wireless  
data  
solution  
with  
powerful  
computing  
capabilities*

## Modular, Compact ...and Convenient

One look at its modular design, and you know the Mobile Workstation was created with your mission critical users in mind. We used our extensive experience with mobile workers to develop a mobile data device that would be quick and easy to use inside vehicles. The three separate components — a large display, a removable keyboard and a powerful CPU — are simple to configure for individual preferences and easily installed. Yet, they can meet even the most demanding needs of your mobile personnel.

### **Large Display for Optimum Visibility**

*The 350 or 1000 NIT backlit color display mounts outside of the air bag deployment zone in most vehicles and provides easy viewing of text and graphic images. Plus, special softkeys allow users to send messages simply by pressing a button.*

### **Removable Keyboard for Convenient Use**

*The keyboard easily unclips from the mounting, allowing individual users to place the keyboard at a comfortable position for entering information while viewing the display.*

### **Computing Power to Run Large Applications**

*The full-featured Pentium® processor delivers the computing power your workers need to run applications in the field. Yet it's compact enough to fit conveniently under the dash or under the seat, safely out of the way.*

## Powerful Wireless Communications and Computing

The Mobile Workstation is flexible and versatile. It has an optional integrated low power radio-modem so your workers can access your system's host computer and local and national databases while they're in the field. They no longer need to wait until they return to the office to obtain time critical information or prepare and submit critical reports, forms or other "paperwork."

And, because it's integral, the radio-modem also eliminates the need for an external device — cutting your expense and saving valuable space inside the vehicle. Sophisticated power management features also help your workers communicate efficiently, while conserving power. The radio-modem is always on to receive messages, even when the computer is idle or asleep.

### **Motorola Mobile Workstation 520**

Emergency key

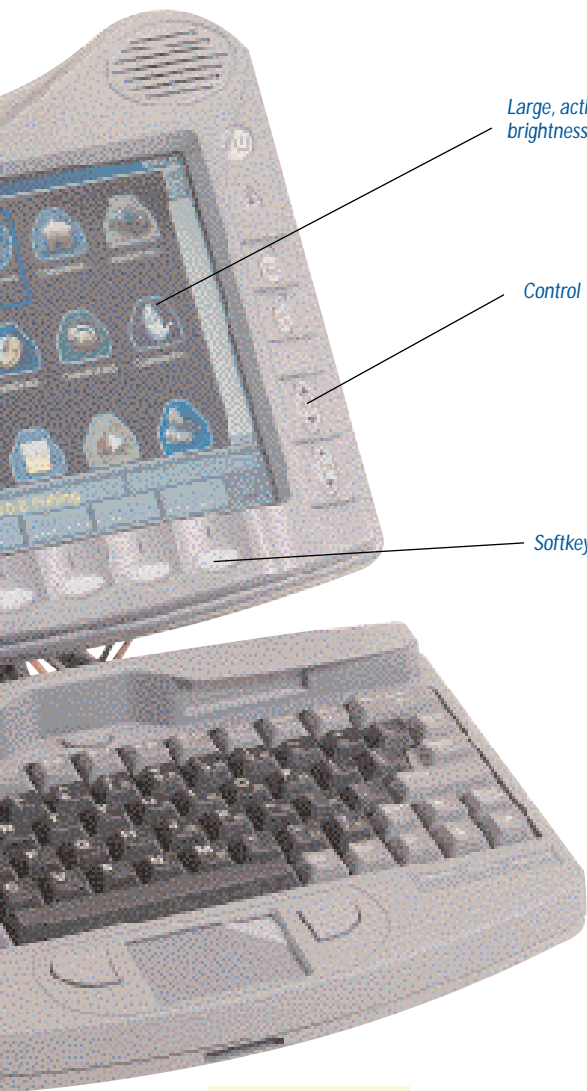
Toplit keyboard



For communications flexibility, the radio-modem supports Motorola's dedicated networks operating MDC 4800, RD-LAP 9.6 or 19.2 protocol at 800 MHz. The device is designed so that it will support public networks such as ARDIS™ CDPD and Motorola's iDEN™ digital platforms for integrated voice and data communications.

If your organization has a high powered 800 MHz system, you can simply attach an external power amplifier to use the Mobile Workstation in your system.





Enjoy the flexibility of swivel and removable keyboard for driver or passenger use



## Exceptional Display Makes Viewing and Communicating Easy

The mobile workstation's unique display ensures convenient, easy viewing — especially in vehicles — with quick access to critical applications. Even in most dual airbag-equipped vehicles, the display can be easily mounted to permit safe and comfortable user operation. The display also folds down to permit convenient access to dashboard controls behind it.

### Touch of a Button Sends a Message

Your workers can use the display to communicate quickly and with a minimum of effort. Six softkey buttons across the bottom of the display can be assigned to different functions under mobile application software control. When a message appears on the screen, for instance, your field personnel could send an acknowledgment telling the dispatcher the message has been read, simply by pressing a softkey.

A separate emergency key in the lower left corner can be reached with minimal movement if necessary — eliminating the need for individuals to access the keyboard in an emergency.

The softkeys are easily distinguished by touch and provide tactile feedback. Users can feel when they've pressed the right button — making it quick and simple to send the appropriate response even when a user is not looking at the display.

### Easily Modify Settings

Control keys for volume, brightness and contrast as well as keys for suspend and resume, on/off and display on/off are also conveniently located on the front of the display.

### Easy Viewing Inside the Vehicle

Softkeys, control keys and the emergency key are all backlit for easy visibility. The backlighting keeps the light focused where it's needed most — right where the user is working. The active matrix screen is also designed specifically for use inside vehicles, ensuring glare-free viewing under virtually any lighting conditions.



## ***A Full-Featured Workstation ... for Powerful Applications***

The powerful Pentium® processor has the muscle to handle applications with local databases and detailed graphical images, ranging from fingerprints and mug shots to maps and diagrams that can often overwhelm slower devices. Its mass storage capabilities allow users to store large applications and local databases on site for quick retrieval.

The Mobile Workstation is designed to adapt to your changing needs. This flexible device gives you more choices for peripherals ... now and down the road. External USB and serial ports, two Type II/one Type III PCMCIA slots and enhanced parallel port can support a wide range of peripherals, including wireless network modems, CD-ROM drives, GPS receivers, bar-code readers and magnetic card readers.

When it comes to application versatility, the Mobile Workstation gives you the ability to use existing software applications or develop your own. It is supplied with a variety of Microsoft Windows operating systems. It also supports existing software applications, including Motorola's TxMessenger™ messaging application. Or, you can have your own applications developed using standard Windows development tools.

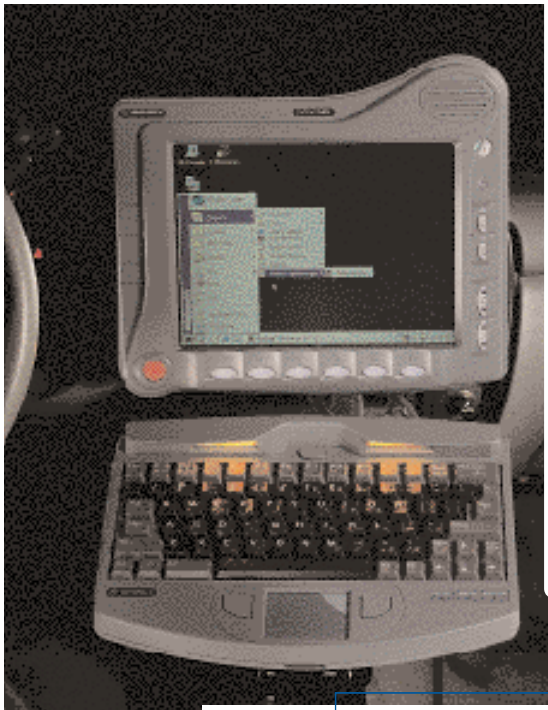


## ***Modularity Reliability and Quality***

Like all Motorola products, the Mobile Workstation 520 is built to our stringent standards for quality and reliability. We pioneered the design and development of quality wireless communications systems, and we're leading the way with solutions for today ... and the future. Whatever your requirements, Motorola has the resources and expertise to provide the networks, the software and the devices to meet your changing needs.

## ***For more Information***

*Give your mobile personnel  
computing power in an  
exceptionally versatile  
wireless data tool.  
For more information on  
the features and advantages  
of the Mobile Workstation 520,  
please contact your Motorola  
representative today.*



## mobile *Workstation 520*

### *Designed For Your Mobile Workforce*

Imagine what your mobile workforce could do with a wireless data solution designed specifically for their work environment. One that understood how they work and could help them do their job more efficiently and provide a fast response. One that delivers the computing power and standards of a PC, but with flexible components designed for use in a vehicle.

What you just envisioned, Motorola provides: the Mobile Workstation 520.



Motorola  
1301 East Algonquin Road  
Schaumburg, Illinois 60196  
In the U.S. call: 1-888-567-7347  
Outside the U.S. call: 847-538-6602  
Come visit our site at  
[www.motorola.com](http://www.motorola.com)

Motorola Canada Limited  
3900 Victoria Park Avenue  
North York, Ontario M2H 3H7  
1-800-268-5758

Motorola Latin America Operations  
899 W. Cypress Creek Rd., Ste. 200  
Fort Lauderdale, FL 33309  
954-928-2007

Motorola Asia Pacific Ltd.  
39/F NatWest Tower  
Times Square, 1 Matheson Street  
Causeway Bay, Hong Kong  
852-966-4366

Motorola Ltd.  
European Headquarters  
Jays Close  
Viabes Industrial Estate  
Basingstoke  
Hampshire  
RG22 4PD  
44-1-256-58211

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