MX1
Handheld Wireless Computer

Rugged industrial ergonomics

Designed to perform in the most demanding environments, the MX1 handheld terminal can withstand even the most extreme conditions including heat, cold, dust, rain, and dirt. Coated keyboards resist abrasion and damage from water and chemicals.

Innovative features that simplify operations

Snap-on handles, holsters, and cases make for ***comfortable carrying and use***. Choose from a full 60-key alphanumeric keypad for ***simplified data entry***, or a 41-key numeric keypad with large optimally arranged keys. The MX1's power management system supports a full eight hour shift and allows for battery swaps without data loss. Batteries can be completely charged in three hours.

The MX1 handheld terminal comes with multiple integrated scanner options including 1-D and 2-D scanning capabilities. Adding to its versatility, a full line of mounting brackets allow the MX1 to double as a convenient vehicle mount terminal.

Highly reliable, industry-standard platform

Featuring a 486 industry standard processor and a ROM-DOS™ operating system, the MX1 accommodates standard DOS applications.

The MX1 supports a wide variety of radios for high-speed wireless communications, and numerous terminal emulation standards for easy integration with most Warehouse Management System applications.

And, as always, the MX1 handheld terminal is supported by LXE's award-winning Customer Support team, winners of the Mobile Star Award™ for "best customer satisfaction" in mobile hardware.

LXE®
An EMS Technologies Company

MX1 Handheld Wireless Computer

TECHNICAL SPECIFICATIONS

Processing & Memory

Intel® 486 SX ULP
4 MB Dynamic RAM
8 MB Flash
IBM PC-AT & DOS Compatible

Operating Systems & Emulations

ROM-DOS™ 6.22
Phoenix PicoBIOS®
Emulations
VT220, LDS, 3270, 5250, TN3270, TN5250
Multi-Host Dual TE's Supported

Keyboard

Phosphorescent "glowing" Keys
Coated for resistance to abrasion and chemicals
101 Key Support (IBM compatible)
Options:
41 Key Numeric-Alpha
60 Key Alpha-Numeric
Emulation Overlay Options

Display

160 x 160 VGA LCD
16 gray scales
Transflective Monochrome Indoor/Outdoor
Controllable EL backlight
3" (76mm) diagonal
0.33mm dot pitch

Power Supply & Management

1500 mAh NiMH battery pack
8 hour NiMH battery life (with typical use)
Backup battery with automatic charging
Main battery low warning
Fully Configurable Active Power Management

Interfaces

RS-232C (DA-9) port with power for external devices (end cap option)
RS-232 Mini D9 port (end cap option)
Infrared (IR) communications port (standard)
Beeper with adjustable volume control

Expansion

(1) PCMCIA V. 2.1 slot Type I, II, III

Radio Card Support - PCMCIA

2.4GHz 802.11b Radios
Cisco® Aironet™
Agere® Orinoco™
LXE 902-928MHz
Optimized internal integrated antenna

Enclosure

Size:
9.3 in. x 2.87 in. x 1.6 in.
(236mm x 73mm x 41mm)
Weight:
Basic batch configuration
21.25 oz. (602g)
(base unit w/battery & plain end cap)
Fully integrated RF scanning configuration
27.05 oz. (767g)
(base unit w/battery, radio, scanner and handle)
High impact polycarbonate/ABS Plastic

Environmental

Operating temperature range
-4°F to 122°F (-20°C to 50°C)
Storage temperature range
-22°F to 158°F (-30°C to 70°C)
Humidity (operating)
5% to 90% RH non-condensing at 104°F (40°C)
Drop specification
4-foot multiple drops to concrete, 6 faces
Dust & Water protection enclosure rating
IEC 529 compliant to IP 65
Shock and Vibration testing exceeds
MIL STD 810F, Figure 514.5C-3

Approvals

Emissions (EMI)
FCC Part 15 Subpart B, Class A
Industry Canada ICES-003 Class A
EN 55022:1998, Class A
Immunity (EMC)
EN 55024:1998
Safety
UL 1950, CSA C22.2 No. 950, EN 60950, IEC 950
Laser Safety
CDRH: 21 CFR 1040.10 and 1040.11, EN 60825-1 and IEC 825-1
Radios separately approved to
FCC Part 15 Subpart C
Industry Canada RSS 102, RSS 139 and/or 210
R&TTE Directive: EN 300 328, EN 300 826, EN 60950

End Cap Options

Plain End Cap
RS-232 End Cap
Standard Range Integrated Scanner (HP)
Long Range Integrated Scanner (LR)
Advanced Long Range Integrated Scanner (ALR)
2-D (PDF417) Integrated Scanner
Combination HP and RS-232 End Cap
Combination LR and RS-232 End Cap
Combination ALR and RS-232 End Cap

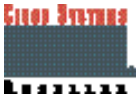
Barcode Symbologies

1-D: UPC/EAN, Code 128, Code 39, Code 93, I 2 of 5, Discrete 2 of 5, Codabar, MSI UCC/EAN 128, TriOptic Code 39
2-D: PDF417, Micro PDF, UPC/EAN, Code 39, Interleaved 2 of 5, Code 128, Codabar, MSI Plessey, RSS and Composite codes

Accessories

PCMCIA cards
Clip-on portable charger
3 or 6 unit battery charger
Tethered printers
Wireless scanners
Snap-on pistol grip handle
Nylon hand strap
Nylon holster with belt
Nylon case with shoulder strap
Vehicle and tabletop charging and communication cradles (RS-232)
Multi-dock cradle

1. Non-U.S. frequencies, data rates, and power levels vary by country





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