

MX2 & MX2-WH

Handheld Wireless Computer



Compact and economical

Sleek and economical, the MX2 handheld terminal offers hours of comfortable and reliable use in semi-rugged environments. With its durable and lightweight structure, this terminal is ideal for scan intensive applications including logistics, manufacturing, retail, and warehouse environments.

Features for flexibility and optimal performance

Setting a new standard for ergonomic design, the MX2 is designed for **maximum comfort** and ease-of-use. Optional integrated pistol-grip handle makes for hours of comfortable handling and operation, while the large LCD display maximizes visibility and **ease-of-use**. Select from batch or wireless models and then choose an integrated scanner with a range that meets your needs. The popular MX2-WH now includes a choice of keypad options including a 38-key and a 48-key full alphanumeric layout, designed for applications requiring frequent alpha data entry.

Highly reliable, industry-standard platform

The MX2 handheld terminal offers a powerful 486 processor and supports a wide variety of radios for high speed wireless data communications. This handheld allows you to use standard DOS applications and ensures PC-compatibility.

And, as always, the MX2 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.

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TECHNICAL SPECIFICATIONS

Processing & Memory

AMD ELAN® Am486™ SC400
8 MB Dynamic RAM
2 MB Flash

Operating Systems & Emulations

ROM-DOS™ 6.22
Emulations
VT220, TN3270, TN5250

Keyboard

MX2 & MX2-WH
38-key standard alphanumeric keypad
Single and double-click alpha access
5 dedicated function keys, 5 shifted
Western-European character support
MX2-WH
48-key full alphanumeric
Single stroke access to full alphabet
Function key support via function and
numbers

Display

Super-twist graphics LCD
EL Backlight with programmable timeout
128 x 160 pixels plus 8 on-screen icons

Power Supply & Management

Rechargeable NiMH battery pack
Backup battery with automatic charging
Main battery low warning (display icon)
Sleep/off mode with programmable timeout

Interfaces

Infrared (IR) communications port
Speaker with adjustable volume control

Expansion

(1) PCMCIA slot Type I or II (internal)

Radio Card Support - PCMCIA1

2.4GHz 802.11b Radios
Cisco® Aironet™
Agere® Orinoco™
Optimized internal integrated antenna

Enclosure

Size:
7.8 in. x 2.5 in. x 1.4 in.
(198mm x 64mm x 36mm)
Weight (includes battery pack):
MX2:
No radio, no laser - 11.5 oz (325g)
No radio, w/laser - 11.7 oz (330g)
Radio, no laser - 12.7 oz (360g)
Radio, w/laser - 12.9 oz (365g)
MX2-WH:
No radio, w/laser - 16.3 oz (465g)
Radio, w/laser - 17.3 oz (490g)
High Impact polycarbonate/ABS plastic

Environmental

Operating temperature range
-10°C to 50°C (14°F to 122°F)
Storage temperature range
-20°C to 70°C (-4°F to 158°F)
Humidity (operating)
5% to 95% RH non-condensing at 104°F
(40°C)
Drop specification
4-foot multiple drops to concrete
Dust & Water protection enclosure rating
IEC 529 compliant to IP 54

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
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

Integrated Scanner Options

MX2:
Standard Range Scanner
MX2-WH:
Standard Range Scanner
Long Range Scanner
Advanced Long Range Scanner

Barcode Symbolologies

Auto discriminates between all symbolologies
Ames, Codabar, Code 11, Code 39, Code
39, full ASCII, Code 93, Code 128, EAN-8/
JAN-8, EAN-13/JAN-13, Interleaved 2 of
5, ISBN conversion, Label Codes 4/5,
Matrix 2 of 5, MSI/Plessey, Standard 2 of
5, UCC/EAN 28, UPC A/E,
UPC/EAN/JAN extensions

Accessories

Dock, single-slot
Dock power supply (110V / 220V)
Dock serial cable (9 PIN & 25 PIN)
NiMH battery
Single-slot battery charger (110V)
Single-slot battery charger with Europe
(220V)
Single-slot battery charger with IEC 320
(220V)
Four-slot battery charger with PS, US cord
Four-slot battery charger with PS, Europe
Holster
Soft case

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



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DS0902-MX2

