MB-1

AirTrack

Batch Data Collection Handheld

The **MB-1** is engineered, manufactured, and serviced in the U.S.A. It is specifically designed for light-duty commercial applications where acquisition cost is a driving factor when selecting a data collection device.

MADE IN USA
SINCE 1983 ★★★★★

AT SUITE

The MB-1 comes not only with an affordable price tag, but a collection of pre-loaded software applications called *AT Suite* which are designed specifically for common, every-day barcode data collection tasks.

Most users will be able to simply charge the battery, select the *AT Suite* application that fits their needs, and go to work. Collected data can be easily uploaded to any Windows PC using a USB cable and the *AT Sync* upload utility.

Features	Benefits
Lower Investment Cost	The MB-1 does not require an external cradle for charging or data communications, thus reducing the user's investment cost, as well as the complexity of the installation. It is charged using the supplied USB cable when plugged into a compatible wall charger.
2.8" LCD with MVA Technology	Standard TFT displays are polarized in such a way that they are only viewable from a limited angle. MVA (Multiple Viewable Angle) technology, like that used in the MB-1, allows a completely undistorted view of the display no matter how the unit is being held.
Battery Life	The MB-1 is equipped with a battery configuration that provides for 3,200 mAh of capacity, or 4,000 scans... the largest capacity battery configuration of any comparable device on the market. Once again AirTrack recognizes the importance of being able to use the device uninterrupted for hours on end.
ScreenFlash Technology	ScreenFlash technology flashes the entire screen red or green for any number of user alerts such as good or bad barcode reads or application warnings. This feature alerts the user even if they are only viewing the screen through their peripheral vision and is especially helpful in noisy environments where the device beeper may be drowned out by surrounding noise.
Protective Case	The protective silicone case seals the MB-1 to an IP54 environmental rating and protects it from drops. Although the MB-1 is intended for light-duty commercial applications, it can withstand the rigors of harsher environments.
Pre-Loaded Software Apps	Every MB-1 comes with AT Suite which includes seven software applications to accommodate the most common barcode data collection tasks, making it ready to go to work right out of the box.

General Specifications

Dimensions	188 mm L x 70 mm W x 33 mm D (7.40" L x 2.75" W x 1.30" D)
Weight	270g / 10.4 oz
Drop Specifications	4' drop
Display	2.8" QVGA (320X240), 16-bit TFT LCD, MVA (Multi Viewing Angle) Technology
Touchscreen	Integrated Resistive Touch Panel
Keypad	24-key alphanumeric; T9 Style Alpha Input
Power	3200 mAh Lithium-ion; 4,000 scans
I/O Ports	Micro USB Type B for data transfer and charging
Audio	Integrated Beeper
Barcode Scanning	Standard Range Linear CCD
User Feedback	ScreenFlash Scan Verification Technology; Beeper; Good/Bad Read LED

Regulatory Specifications

Certifications	FCC, CE
Environmental	RoHS, Pb-Free

Performance Specifications

Processor	Freescale® i.MX283 @ 454 MHz
Architecture	32-bit ARM926EJ-S™ with 16KB I-Cache and 32KB D-Cache
Memory (RAM)	128 MB DDR2
Memory (Flash storage)	512 MB Integrated Flash
Memory Expansion	microSD Card Socket
Operating System	Windows® Embedded CE 6.0 R3

Environmental Specifications

Operating Temp	-20° to 50° C / -4° to 122° F
Storage Temp	-30° to 60° C / -22° to 140° F
Humidity	0% to 90% RH, non-condensing
Electrostatic Discharge	15kVDC through air; 8kVDC contact
Sealing	IP54

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Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

Standard Warranty

AirTrack products are warranted against defects in material and workmanship under normal use and service for a period of one year from the date of purchase. The obligation of AirTrack under this warranty is limited to furnishing labor and materials necessary to return the product to its normal operating condition, or to replace the unit, at AirTrack's discretion, and only on a "return to factory" basis. This limited warranty does not extend to any product, which has been modified, misused, abused, or incorrectly installed. Warranty, also, does not extend to any product that has been repaired or altered by any party other than AirTrack, or has been subjected to unusual physical or electrical stress, negligence or accident. Prior to returning a product for repair, the user must obtain a Return Authorization Number, which must be clearly marked on the outside of the shipping container.

Pre-loaded Data Collection Software

AT SUITE

There are several simple data collection applications designed to allow the user to put the device to work immediately after charging the unit. Below are a few of the most commonly utilized applications that come pre-loaded on the MB-1:

Item Count
Item Number, Quantity
Item Number, Serial Number
Item Number, Lot Number, Quantity
Asset Tracker
Barcode Compare
Check In/Out

For more information about the MB-1, or to download software of user documentation, visit:

www.airtrack.com/airtrack-mb-1

CE FC TESTED TO COMPLY WITH FCC STANDARDS RoHS

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