



For Colleges and Universities

Overview

The Troubadour™ card reader from CBORD® is a dependable card reading terminal that is designed to handle sales and privilege verification transactions. Using the power of Odyssey PCS™, users may define an event (activity verification, meal deduction, etc.) and download valid accounts. Transactions are processed online over a wireless network or, if network connectivity is not available, offline against a snapshot of the Odyssey database. Offline transactions are then downloaded into Odyssey PCS when communications are restored, either over the wireless network or by using a direct connection to the user interface.

Online/Offline Capabilities

Through the Odyssey user interface, users configure an “event” which includes the event name and type of either a sale or an activity. A list of eligible patrons is then selected, along with some other parameters associated with the event. The information is then uploaded to the device, and it is ready to use. If the device is configured to use your wireless network, event transactions are processed online. If network connectivity is not available, transactions are stored in the device. Once the event is complete, the Odyssey user interface can be used to upload the transactions into Odyssey PCS.

Troubadour™

OdysseyPCS™

Handheld Application

The application on the device supports activity and sales transactions. Patron identification can be done through a card swipe or entering the ID manually into the device.

The handheld reader displays the name of the event for which it is currently configured, and provides an on-screen report of the total sales amount or current head count, depending on whether it is set up for sales or activities. Sales transactions can be configured to either be the same price for everyone (event admission is \$10.50) or prompt for amounts entered by a cashier (drink is \$1.25, hamburger is \$2.50, etc.).

Enhanced Durability

The Troubadour is designed to be durable, and can withstand the demands of the higher-education environment. Extra reliability is built into every aspect of the Troubadour—from battery contacts to keypads to acoustics—to ensure it exceeds the demands of daily, high-volume usage. As an added feature, the Troubadour can be placed in the cradle without removing the integrated card reader.



Mobility and Durability in a One-Card Reader

- **Outdoor events**
- **Athletic events**
- **Mobile verification**
- **If offline, transactions are verified against “snapshot” of Odyssey data (up to 20,000 card holders)**
- **Print detailed reports**

Troubadour™

Environmental Specifications*

Operating temperature: 14 – 144° F (-10 – 50° C)

Storage temperature: -40 – 140° F (-40 – 60° C)

Humidity: 95% non-condensing

Electrostatic Discharge (ESD): +/-15 kV air discharge; +/-8 kV direct discharge

Technical Specifications*

Dimensions: 6" x 3.1" x 1.5" (15.3 cm x 7.6 cm x 3.7 cm)

Weight: LAN/PAN configurations: 11.2 oz. (314 g); WAN/ LAN/PAN configurations: 12 oz. (336 g); CDMA/EVDO Rev. 0 configurations: 14.1oz. (400 g)

Display: 3.5" QVGA, 65K colors, 240 x 320 (W x L)

Main battery: Rechargeable Li-Ion 3.7 V; 1900 mAh smart Battery

Backup battery: Rechargeable Ni-MH battery; 20 mAh, 1.2 V, 1 cell

Processor: Intel® XScale™ 624 Mhz processor

Operating platform: Microsoft® Windows® Mobile 5.0 Premium Phone Edition

Memory: 64 MB (RAM)/128 MB (ROM) or 128 MB (RAM)/128 MB (ROM)

Interface: RS-232

Expansion slot: SDIO

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

Accessories*

Extended capacity battery (optional): Rechargeable Lithium-Ion 3.7 V 3600 mAh

Cradle single-slot USB: Charging and USB communication

Magnetic stripe reader

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* Specifications listed apply to the Symbol MC-70 PDA. Users may supply their own hardware. If customers provide their own hardware, these requirements apply:

- Symbol MC-50 or MC-70 with Pocket PC Windows Mobile 2003 operating system or Windows Mobile 5.0
- Docking station
- Magnetic swipe reader

Comprehensive Solutions

CBORD provides campus card systems, integrated security solutions, housing management, food and nutrition management, catering solutions, and off-campus programs to more than 6,000 organizations. Our focus is on comprehensive solutions that increase revenue, reduce costs, enhance campus safety, improve student satisfaction, and integrate systems seamlessly.

Innovative Products

Our innovation is customer driven. Working in partnership with users, we listen to the industry's evolving needs and develop solutions to keep you a step ahead.

Dedicated Service

The quality of our products is made greater by the caliber of our employees. Through open dialogue with you, our customers, CBORD strives to not only meet, but exceed your expectations; we are committed to providing superior service in all aspects of our customer relationships. You can reach us twenty-four hours a day, seven days a week, and know you have a team dedicated to your satisfaction and success.

