

Point of Sale

# MPOS QWERTY Keyboards



**Reduced-size “Mini” POS  
Keyboards with Enhanced  
83 Position Key Layout and  
Optional Magnetic Card Reader.**



## Main Applications

### Point of Sale

- Retail
- Hospitality
- Airlines
- Postal Services
- Car Rentals

### Point of Transactions/Service

- Banking
- Government
- Healthcare
- Education
- Transportation

## Key Features

- Reduced-size keyboard with QWERTY layout
- Enhanced US 83-Position Key Layout
- Robust Product Design with IP 54 Spill and Dust Resistant Key Field for Harsh Environments
- Plug & Play Configuration for all Common POS Features
- Unique Function Enhancement with ‘Cherry Tools’ Virtual Programming
- Fully Programmable Keyboard for Quick Function Calls
- Option for Unlimited Programmability of all Keys in up to 3 Layers Provides Convenient Data Access
- ‘Moving of Keys’ Allows for Easy Key Position Exchange Including Modifier Functions
- Pop-up Window for Comfortable Display of Programmed Keys
- High Performance 3-Track Magnetic Stripe Reader with Freely Programmable Headers and Terminators for Each Track
- Selection of Non-keyboard Hexcodes Enhances Security for Credit Card Processing
- Dual Insertion for Bi-directional Swipe of Magnetic Stripe Card
- Audible and Visual Indication of MSR Good Read
- Flexible Parsing and Configuration of Magnetic Stripe Data Including Start/Stop Sentinels
- Powerful ‘Cherry Tools’ Configuration Software Allows for Quick Product Set Up and Configuration
- Comprehensive UPOS Support for Windows and Linux Support of Client-Server Architectures
- Remote Network Installation with Cherry Tools Activator and Runtime Version
- Yellow Status LED’s for Improved Visibility in Rooms with Artificial Illumination
- Accessory Kit Available to Reconfigure Key Layout

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# MPOS QWERTY Keyboards

## Part Number Legend

G86-51400



G86-51410



## Main Part Numbers

### G86-51400EUADAA

MPOS Black QWERTY 12" USB keyboard. US 83-position key layout, 83 programmable.

### G86-51400EUAEAA

MPOS Light Grey QWERTY 12" USB keyboard. US 83-position key layout, 83 programmable.

### G86-51410EUADAA

MPOS Black QWERTY with MSR 12" USB keyboard with 3-track magnetic stripe reader. US 83-position key layout, 83 programmable.

### G86-51410EUAEAA

MPOS Light Grey QWERTY with MSR 12" USB keyboard with 3-track magnetic stripe reader. US 83-position key layout, 83 programmable.

## Contact

Call, fax or visit our website for more information.

Last Update: 04/25/08

## Technical Data

### Interface

USB 2.0

### Current Input

Typ. 35 mA

### Magnetic Strip Reader

Standards:  
ISO 7811/-12, AAMVA, JIS  
others on request

### Durability:

1 million cycles

### Reading speed:

3 – 125 inch/s at 75 Bit/inch  
3 – 50 inch/s at 210 Bit/inch

Data is decoded to keyboard scancodes.

### Cable Length

Approx. 1.85 m

### Key Layout

Compact size 83 position US  
key layout including Windows keys

### Weight (without packaging)

Approximately .9 kg

### Dimensions

11.8 x 6.3 x 1 inches (keyboard)  
14 x 8.75 x 2 inches (box)

### Packaging Units

22 keyboards per master carton  
4 master cartons per pallet

### Delivery Volume

Keyboard, Quick Guide, CD ROM

### Keyswitch Lifetime

25 million operations

### Storage Temperature

-20°C to 60°C

### Operating Temperature

0°C to 50°C

### Available Software

Cherry Tools:

MS Windows™ 98, ME, 2000, XP

Cherry Tools Runtime:

MS Windows™ 98, ME, 2000, XP,  
XP Embedded

OPOS Local Edition:

MS Windows™ 2000, XP, XP Embedded  
OPOS Client/Server Edition:

MS Windows™ 2000, XP, XP Embedded  
JPOS Local Edition:

MS Windows™ 2000, XP, XP Embedded  
Suse Linux V8.1-9.0 / Kernel 2.4

Suse Linux V9.1 / Kernel 2.6

JPOS Client/Server Edition:

MS Windows™ 2000, XP, XP Embedded  
Suse Linux V8.1-9.0 / Kernel 2.4  
Suse Linux V9.1 / Kernel 2.6

### Approvals

cURus, FCC Class B, CE, BSMI, VCCI,  
C-Tick, GOST-R, WHQL

### Warranty

3 years

For information on repairs or  
warranty status contact:

Cherry Technical Support

Phone: 800.510.1689

E-Mail: [keyboardsupport@cherrycorp.com](mailto:keyboardsupport@cherrycorp.com)

## Cherry Electrical Products

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Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.