

Cary9600 Series Keyboards

The **Cary9600** Series keyboards were developed to combine full retail functionality with a QWERTY layout for use in PC-based point-of-sale applications. The ergonomics are optimized for use in a broad range of POS environments, from “big ticket” stores to fast food outlets. Careful attention was given to details such as the angle of use, tactile feel, dualpurpose pencil or credit card holder, protected key-switch positions, recessed connectors, and integrated peripherals.

Overview

In addition to having physically reconfigurable and relegendable keycaps, the **Cary9600** supports a rich set of programmable features, including extensive security options.

The **Cary9600** keyboard incorporates **CARY**'s unique sealed-switch technology, which provides the highest attainable levels of mechanical durability, spill proofing, and static protection. The switch action on the POS keys is designed to emulate cash registerstyle feel, while the QWERTY section is optimized for data entry in a standing position.

The **Cary9600** has been designed to withstand the rough treatment and high volumes encountered in retail point-of-sale, petroleum, financial, and industrial applications.

FEATURES/BENEFITS

- Cost-effective, secure keyboard is designed to match the functional highvolume durability requirements.
- Ergonomic design ensures comfortable operation.
- User-friendly design features improve data accuracy, input speed, and increase security of all transactions.
- Fully sealed against spills and dust! They have a matchless reputation for durability in tough POS environments, such as fast food outlets and petroleum service stations.



The Cary
9600 series Keyboard



CARY TECHNOLOGY Corp.

a DOMINET Company

*Solutions
defined
by service*

Technical Highlights

KEYBOARDS

- 137 programmable, re-configurable key-switches
- Internal 256 Kbit non-volatile memory
- Keycap Kit includes numeric pad, single, dual and quad-sized keytops, multicoloured labels and clear lenses
- Rugged, splash and dirt-resistant design
- High degree of protection from Electrostatic Discharge (ESD)
- Easy to configure during staging or in the field. Unique design the array. No switch or stabilizer changes are required allows any keycap to be repositioned anywhere on the array. No switch or stabilizer changes are required.
- Internal programmable beeper
- Optional four-position keylock with manager's position
- Six programmable LED Indicators

PERIPHERALS

- Optional internal single or dual-track MSR (1,2, or 3)
- Second AT or PS/2-compatible keyboard port
- Internal wedge
- Scanner port (non-decoded) standard. Decoding is available as an option.
- Optional MICR reader.
- Optional 4680 or OCIA scanner port
- Optional internal PC speaker

PROGRAMMABLE FEATURES

(included in setup utility)

- "Total Soft" architecture allows programming of both configuration and firmware updates
- Download or upload using either a PC keyboard or scanner port
- Each key is programmable with a varying length string
- Additional character support is through multilevel CARY3D programming
- Automatic repeat (typematic) and audible beeper are selectable on a per- key basis
- Advanced variable-length macro capability allows extensive data manipulation on all keyboard or peripheral programming strings
- Enhanced wedge capabilities include the following:
 - Barcode: preamble and postamble
 - Magnetic stripe: preamble, postamble, and field separator LRC suppression
 - Keylock: Programmable header
- Control of upstream keyboard using a manager's key
- Programmable key output suppression based on keylock position, including Ctrl, Alt, Shift macro capability, and CARY^{3D} level shift Control

Cary9600 Series **Point-of-sale secure** **keyboard**



Specifications

ENVIRONMENTAL

- Ambient temperature
0° to 40°C / 32° to 105° F
- Relative humidity
20 to 90%

ELECTRICAL

- Keyboard power
+5Vdc + 1% 450 mA maximum
- Scanner port power
+5Vdc = 1% 900 mA maximum
- ESD: 20 Kv minimum, keylock 17 Kv
- EMI-RFI: In accordance with
FCC Part 15, Subpart B, Class B.
- Rollover: N-Key
- Magnetic stripe: ISO 7811/2/3
- Memory size: 256 K

MECHANICAL

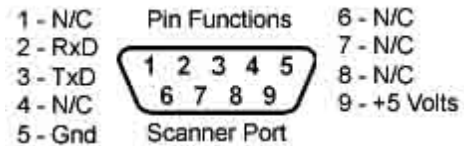
- Width: 20.25"
- Depth: 7.25"
- Height: 2.76"
- Weight: 3.6 pounds / 1.7 kg
- Key-switches: Travel: 3mm
Actuation force – Function
keys 40 gm; QWERTY keys 65 gm
- Cycle life: 5 million operations (minimum)

MATERIAL

- Enclosure: ABS UL 94 HB rated
- Numeric keys: ABS double slot
- Function keys: ABS with clear snap-in lenses
- Keylock switch housing:
6/6 nylon (UL 94V-2)
Tumblers: Brass
Keys: 2 sets of three-coated, nickel plated brass
- Switch: Silicon rubber with conductive rubber pill contact
- Cable: 6.5 feet / 2 m with molded DIN or Mini-DIN connector

COMMUNICATIONS

- Keyboard port: Upstream AT or PS/2-compatible 5 or 6-pin mini-DIN
- Scanner port: Industry-standard serial scanner interface



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