

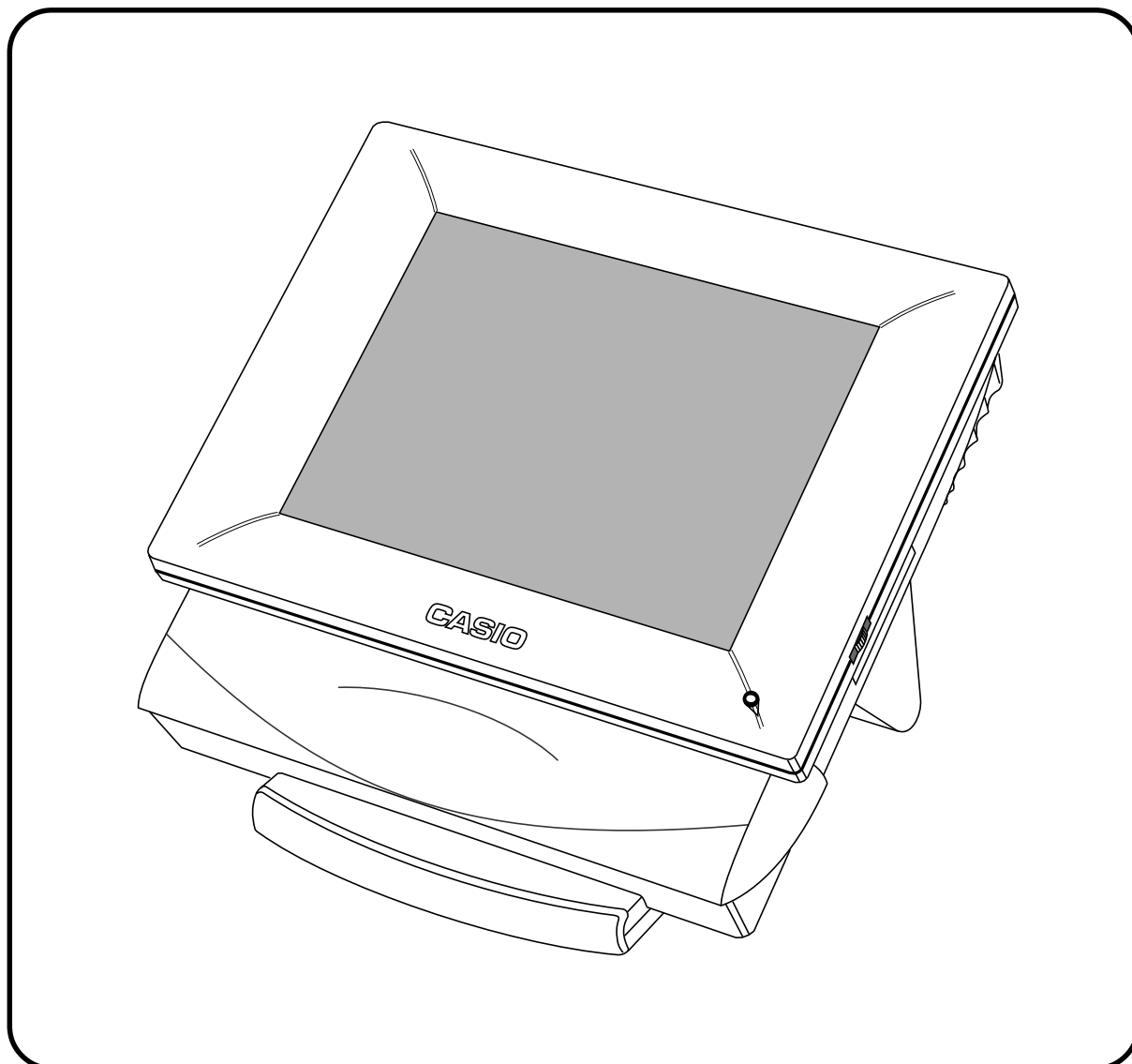
QT-7300 Series

Touch Screen Point of Sale Terminal



User's Manual

Version 1.1 November 2001



CASIO[®]

1. Equipment care

In order to prolong the life of your equipment, please observe the following precautions:

- **Location and condition**

- 1) Avoid places which receive prolonged periods of direct sunlight, places in close proximity to heaters, and places that are humid and/or dusty. Your equipment should be placed on a flat, stable surface.
- 2) Do not place equipment on an unstable cart, stand, or table. Do not tilt the system. The equipment may fall, causing serious injury to a child or adult, and serious damage to the equipment. Use only with a stand recommended by the manufacturer.
- 3) Slots and openings in the cabinet are provided for ventilation. To insure reliable operation of this equipment, and to protect it from overheating, these openings must not be blocked or covered.
- 4) Never push objects of any kind into the equipment through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electrical shock.
- 5) If liquid has been spilt onto the equipment, just wipe it up.

- **Electrical connection**

- 1) Your equipment must be connected to an electrical service that is dedicated exclusively to the system equipment.
- 2) The AC plug should be securely plugged in at all times and the AC cord situated so that it is not tripped over. Do not allow anything to rest on the power cord. Do not locate any equipment where the cord will be abused by persons working on it. The socket outlet shall be near the equipment and shall be easily accessible.
- 3) The electrical service shall be a three-wire, isolated-ground system, taking its power from any phase of the store main service that is free of heavy duty inductive loads, e. g., refrigeration motors, conveyer motors, floor waxing machines, etc.
- 4) This dedicated service must run from the store main panel to a dedicated sub-panel, and must feed equipment service outlets on branch circuits that are protected by circuit breakers.
- 5) Under no circumstances should an overloaded AC outlet be utilized. Current loading must not exceed 75% of the circuit breaker rated capacity.

- **Cleaning your equipment**

- 1) When your equipment becomes dirty, a soft cloth dipped in a mild detergent and wrung out can be used to wipe the machine.
- 2) Avoid using paint thinner, benzine, and other volatile solvents since they may damage the equipment case.

- **Service requirements**

- 1) Do not attempt to service any equipment yourself since opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- 2) Unplug the equipment from the wall outlet and refer servicing to qualified service personnel under the following conditions.
 - a) When a power cord or plug is damaged or frayed.
 - b) If the equipment does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the equipment to normal operation.
 - c) If any equipment has been dropped or the cabinet has been damaged.

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WARNING: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Warning

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Avertissement

Ce produit fait partie de la Classe A. Dans un environnement domestique, il peut causer des interférences radio dans lequel cas l'utilisateur devra prendre les mesures qui s'imposent.

Advertencia

Este es un producto de Clase A. En un ambiente doméstico este producto puede ocasionar interferencias de radio en cuyo caso el usuario puede ser solicitado a tomar las medidas adecuadas.

Warnung

Dies ist ein Produkt der Klasse A. Im Haushalt kann dieses Produkt zu Interferenz mit dem Rundfunkempfang führen. In einem solchen Fall muss der Benutzer die erforderlichen Maßnahmen treffen.

The main plug on this equipment must be used to disconnect mains power.
Please ensure that the socket outlet is installed near the equipment and shall be easily accessible.

Zur Trennung vom Netz ist der Netzstecker aus der Steckdose zu ziehen, welche sich in der Nähe des Gerätes befinden muß und leicht zugänglich sein soll.

Please keep all information for future reference.



Casio Electronics Co., Ltd.
Unit 6, 1000 North Circular Road
London NW2 7JD, U.K.

* EU countries only

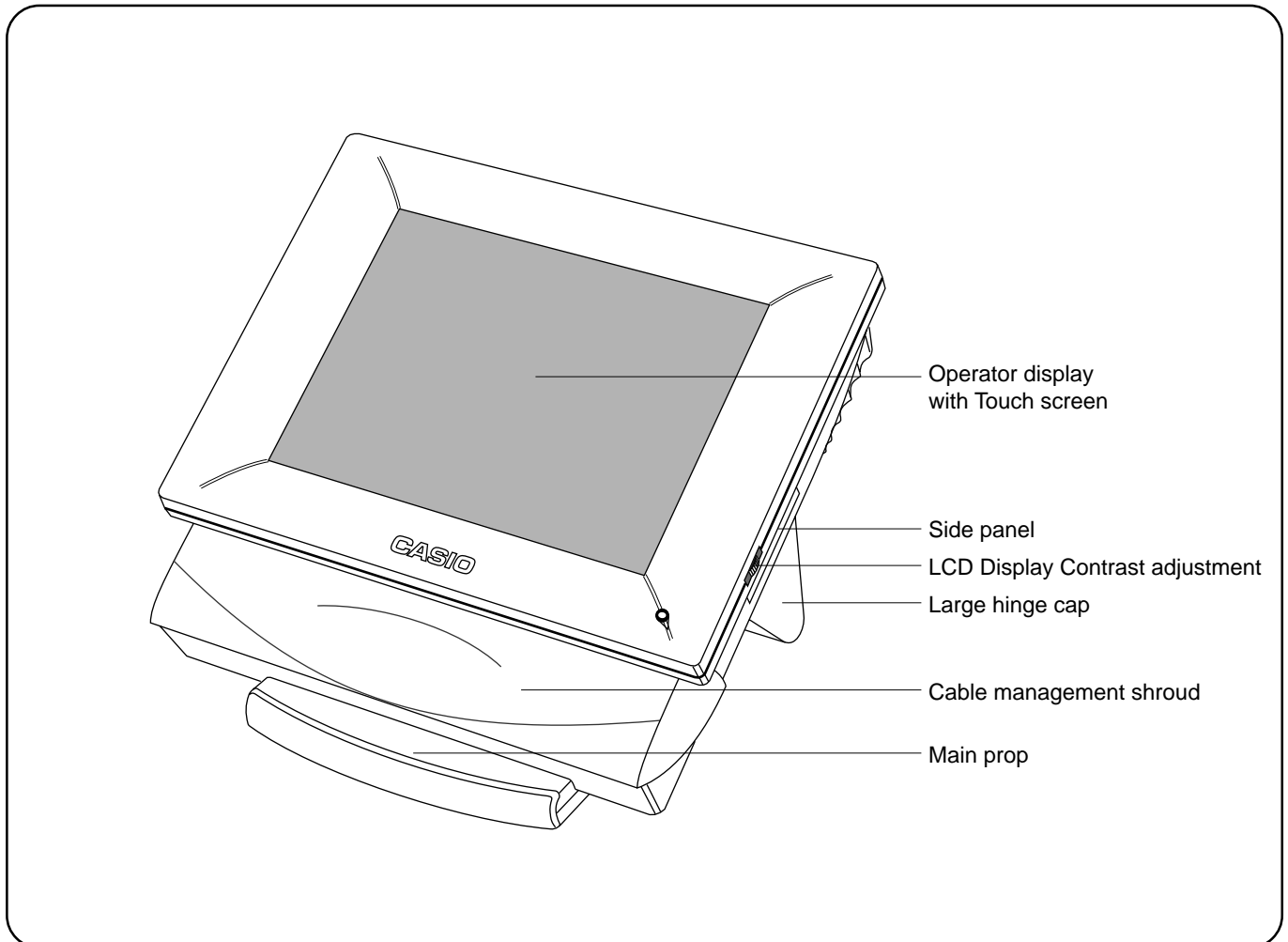
*** Specifications and design are subject to change without notice.**

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2. System overview

The QT-7300 series are Casio's new entry into the LCD touch screen PC based POS market. The QT-7300 equip 12.1 inch large LCD display with SVGA display control which enables application software to configure more flexible graphical interface together with 12.1 inch large touch screen panel.

Also splash proof front panel design is suitable for hospitality shop environment.



Accessories

1. Main prop	1 pc
2. Large hinge cap	2 pcs
3. Large hinge	2 pcs
4. FDD External cable	1 pc
5. PS/2 Keyboard adapter	1 pc
6. Utility (Floppy disk)	6 pcs
7. User's manual	1 pc
8. M.Screw truss	8 pcs
9. M.Screw pan	4 pcs
10. EMI core	1 pc

3. Hardware system installation

Unpacking

The QT-7300 along with its accessories are packed in carton box. Make sure that all of the items listed in previous page are present. After unpacking the carton, place the system on a raised surface and carefully inspect the system for any damage that might have occurred during shipment. If there are damaged or missing parts, contact your dealer immediately.

Hardware system installation procedure:

1. Attach large back metal fixture(s) to metal part of the main prop on both side with screws. Please refer following figure 3.1 to attach metal fixture with correct direction.
2. Attach metal fixture and main prop to the system main body with screws.
3. Attach large hinge cap(s) to the metal fixture(s) with screws.

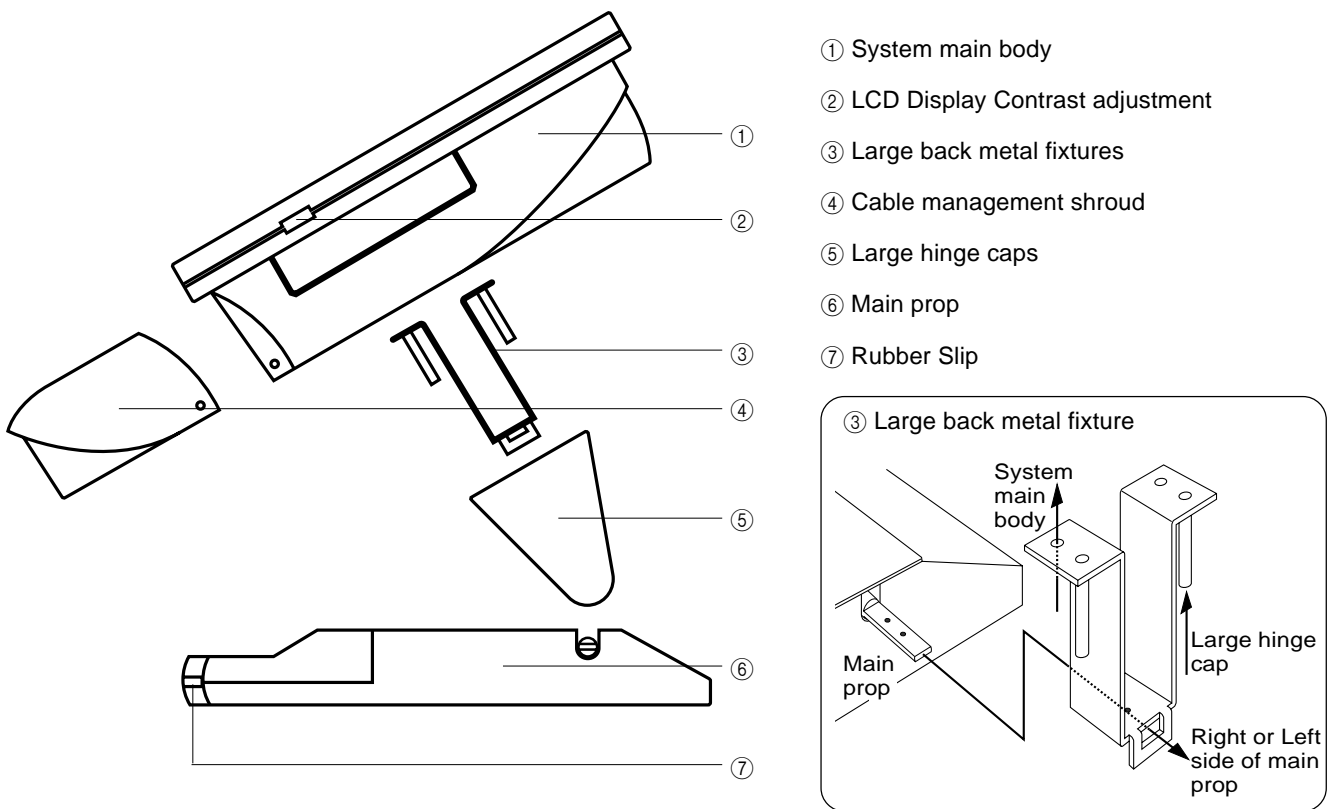


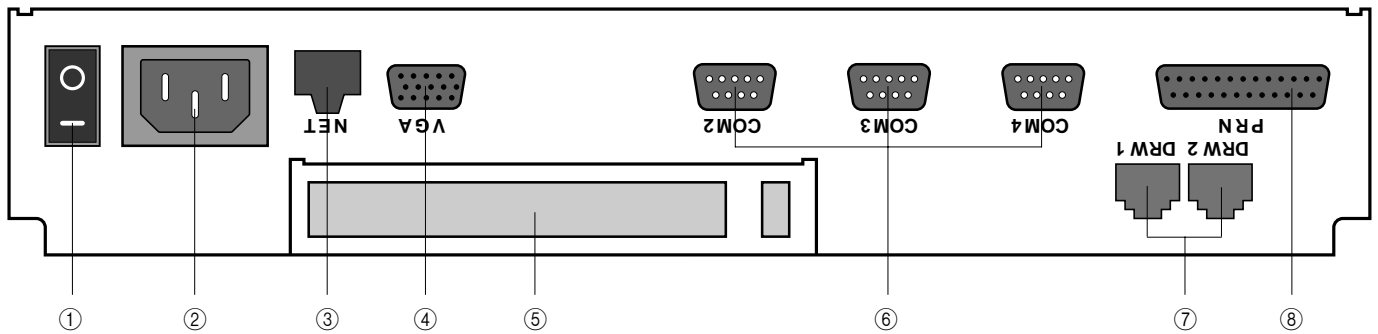
Fig 3.1

NOTES:

1. The QT-7300 do not equip any operating system. An operating system must be loaded first before installing any software into the QT-7300.
2. Be sure to ground yourself to keep from any static charge when you install the internal components. Use a grounding wrist strap and place all electronic components in any static-shielded devices. Most electronic components are sensitive to the static electric charge.
3. Disconnect the power cord from the QT-7300 before any installation. Make sure both the system and the external devices are turned off and the QT-7300 is properly grounded. The sudden surge of power could ruin any sensitive components.
4. The brightness of the LCD panel display will decrease with use. However, hours of use will vary depending on the application environment.
5. Avoid using sharp objects to operate the touch-screen. Scratches on the touch-screen may cause malfunction or non-function to the touch-screen. Also, do NOT press the touch-screen strongly.

4. I/O Outlet

< Bottom Panel >

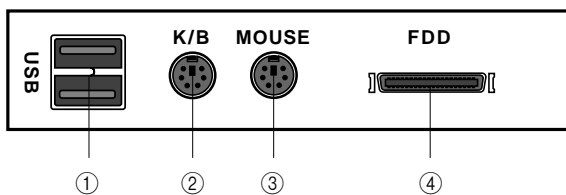


- ① AC Power switch
- ② AC inlet
- ③ Ethernet 10/100 base-T
- ④ Second VGA port IF <*1>
- ⑤ Expansion outlet (PCI slot)
- ⑥ 3 x COM ports(COM2, 3 and 4) <*2>
- ⑦ 2 x Cash drawers
- ⑧ Parallel port

NOTE *1: Automatic frequency detective type CRT only.

***2:** COM1 is assigned for the touch screen system and is not available for user in this system.

< Side Panel >



- ① USB port
- ② External PS/2 Keyboard
- ③ External PS/2 mouse
- ④ External FDD

5. Specifications

■ QT-7300 series

Processor :	INTEL Celeron 850MHz (FC-PGA)
Memory :	1 x 128MB PC-100 DIMM 128KB cache (CPU internal)
Expansion slots :	PCI x 1 (Rev. 2.1)
RS-232C ports :	3 external ports (with power 5V, 12V, 24V)
Parallel ports :	1
External Floppy disk port:	1 (for service purpose only)
Second VGA port :	1 (Automatic frequency detective CRT only)
USB port:	2 (Rev. 1.1A)
Hard disk :	1 enhanced IDE (ATA/33)
Operator display :	TFT Color 12.1" LCD 4MB video memory
Customer display (Option) :	32 x 128 Full dot VFD
Touch-screen :	12.1" analog resistive touch-screen (COM1)
External Mouse :	1 x PS/2 mouse port (for service purpose only)
External Keyboard :	1 x PS/2 keyboard port (for service purpose only)
Cash drawers :	2 ports with individual sensing
Software utilities :	Ether net / VGA / Touch-screen
Communications :	Ethernet control 10/100base-T IEEE802.3 Ethernet standard
Operating system :	Windows 98/Windows 2000
Power supply :	100 W output, 100VAC ~ 240VAC input
Environmental temperature :	5°C to 35°C
Dimensions (main body size) :	360mm (W) x 277mm (H) x 82mm (D)
Net weight :	4.6 kg (POS terminal)

Note:

Some functions that are newly implemented in the operating system can not be supported by the QT-7300 system, for instance, ACPI green function and so on.

CASIO®

CASIO COMPUTER CO., LTD.
6-2, Hon-machi 1-chome
Shibuya-ku, Tokyo 151-8543, Japan

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QT-7300 US*E