

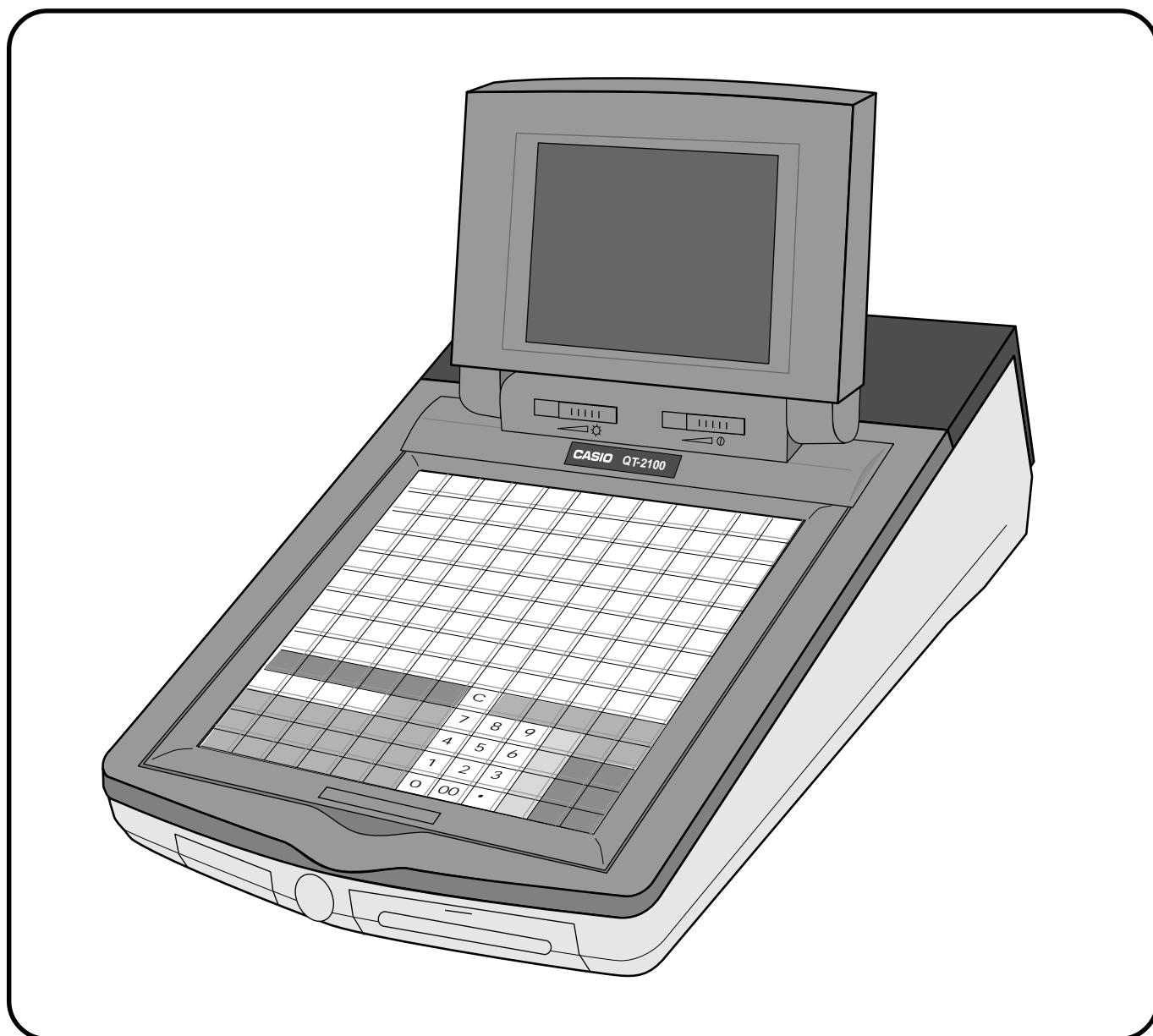
# QT-2100

## Versatile Intelligent Terminal



## User's Manual

Version 1.0 January 2002



**CASIO**

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# 1. Equipment care

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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. 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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**GUIDELINES LAID DOWN BY FCC RULES FOR USE OF THE UNIT IN THE U.S.A.  
(Not applicable to other areas)**

**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.

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

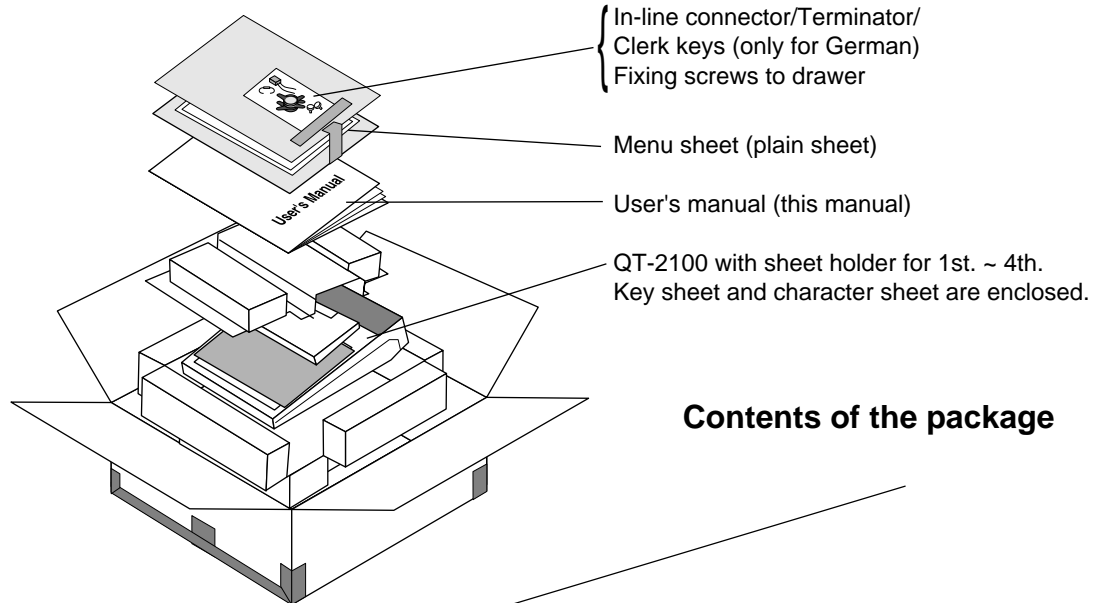
The main plug on this equipment must be used to disconnect main power.  
Please ensure that the socket outlet is installed near the equipment and shall be easily accessible.

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

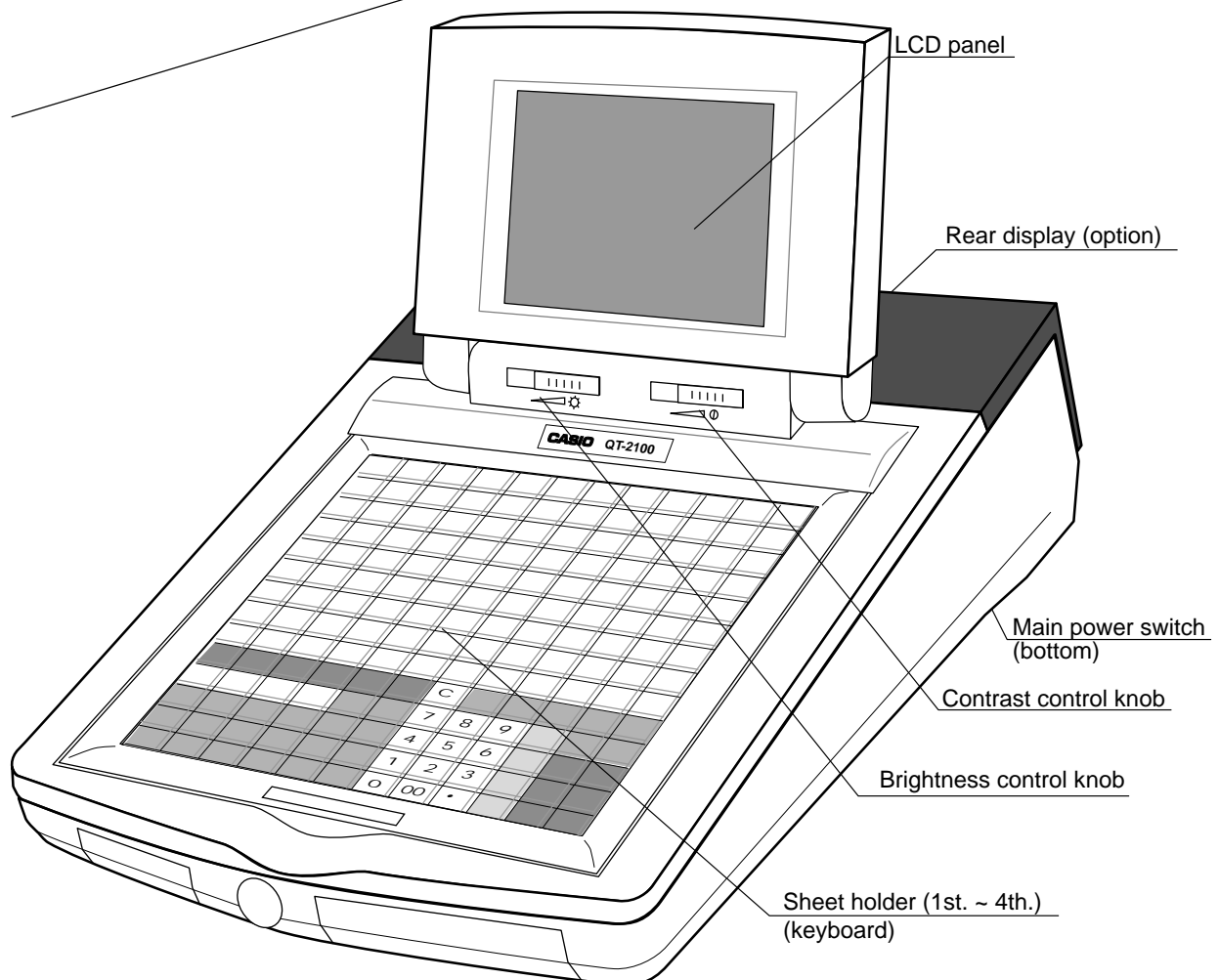
*Please keep all information for future reference.*

## 2. QT-2100 overview

Configuration of the QT-2100 is very flexible, allowing you to select from a variety of equipment options to meet your system requirements. The drawing below shows QT-2100 terminal. Please contact your dealer for details.



### Contents of the package



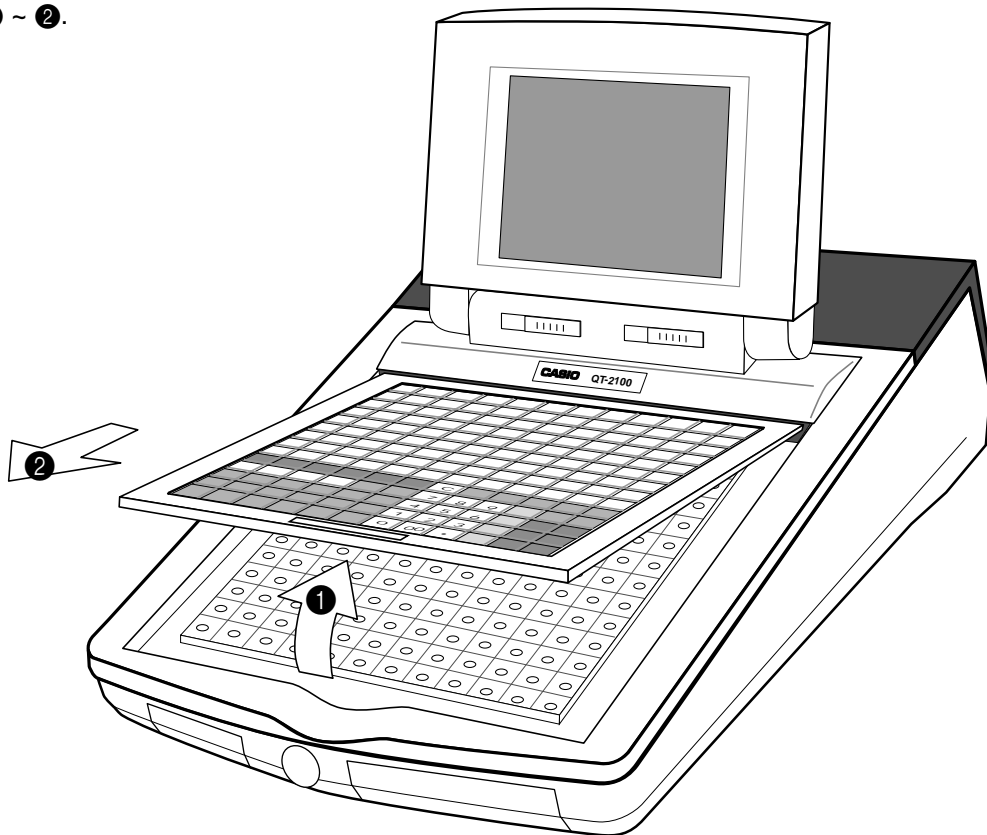
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## 3. How to remove/replace the sheet holder

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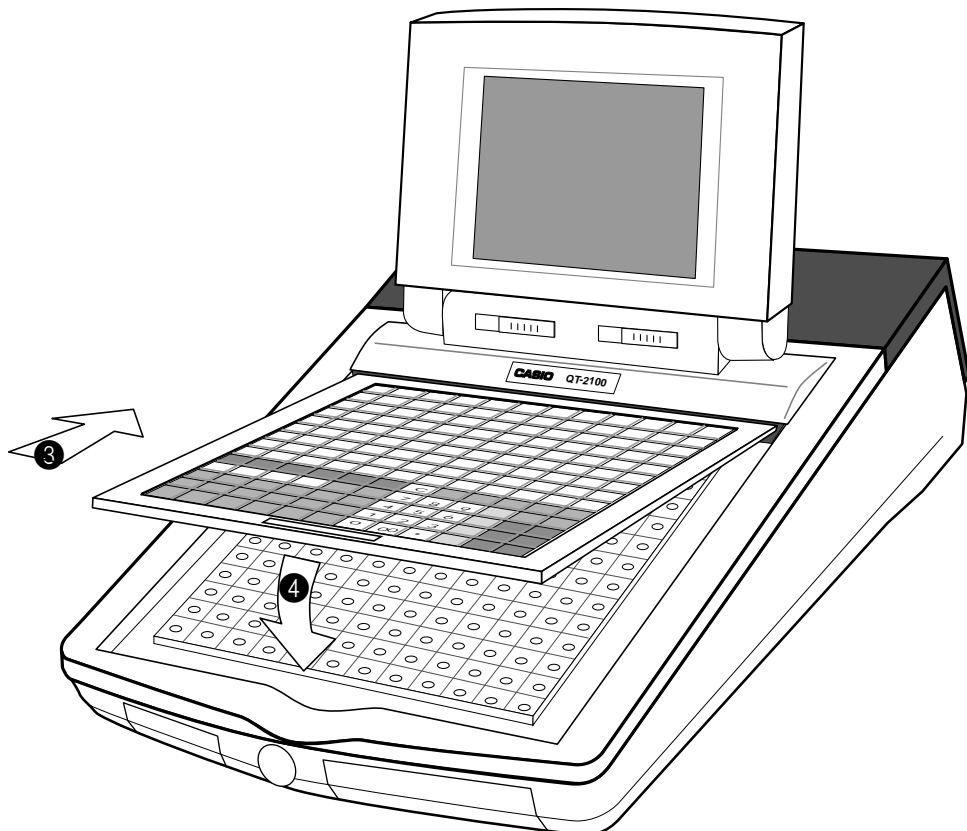
### Remove the sheet holder (keyboard)

Follow steps ① ~ ②.



### Replace the sheet holder

Follow steps ③ ~ ④.

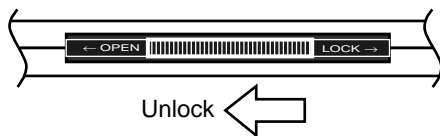


## 4. How to install a menu sheet in the sheet holder

### Open the sheet holder

Follow steps ① ~ ③.

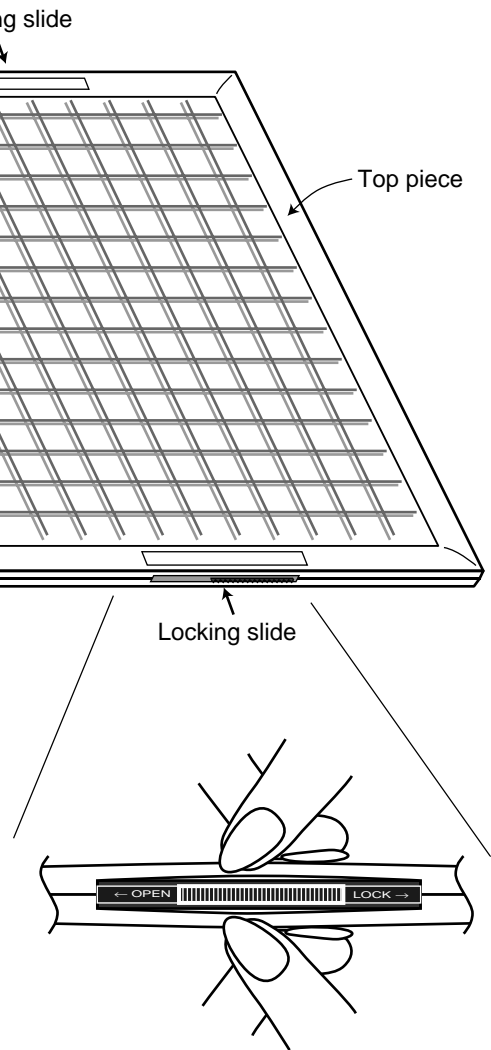
①



Slide both sides locking slide to unlock.

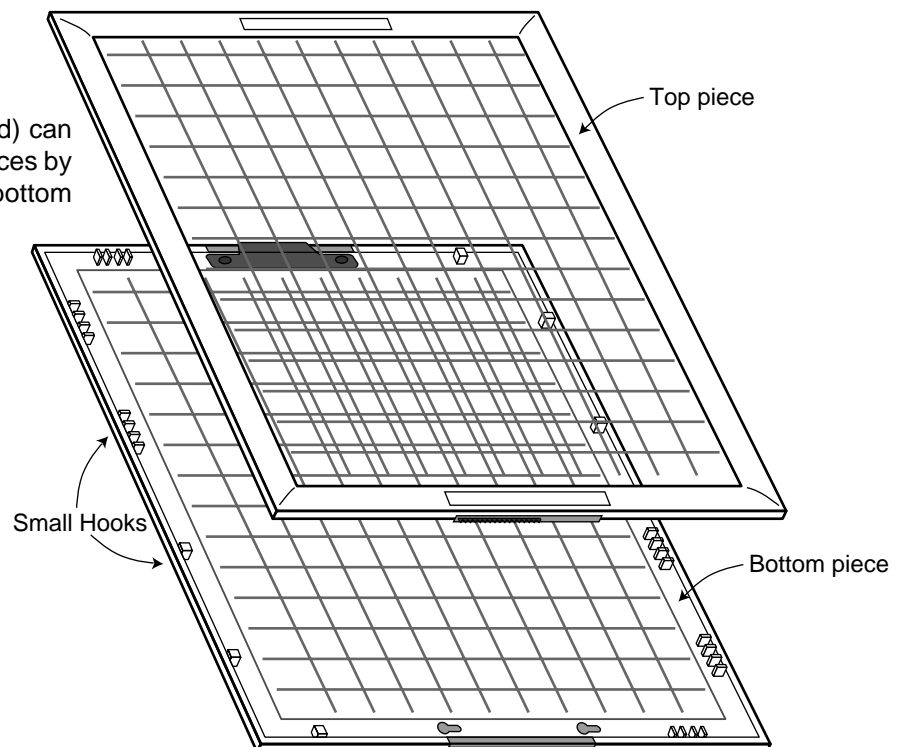
②

Open the sheet holder as shown in the illustration.



③

The sheet holder (keyboard) can now be divided into two pieces by tearing off the top and bottom pieces.

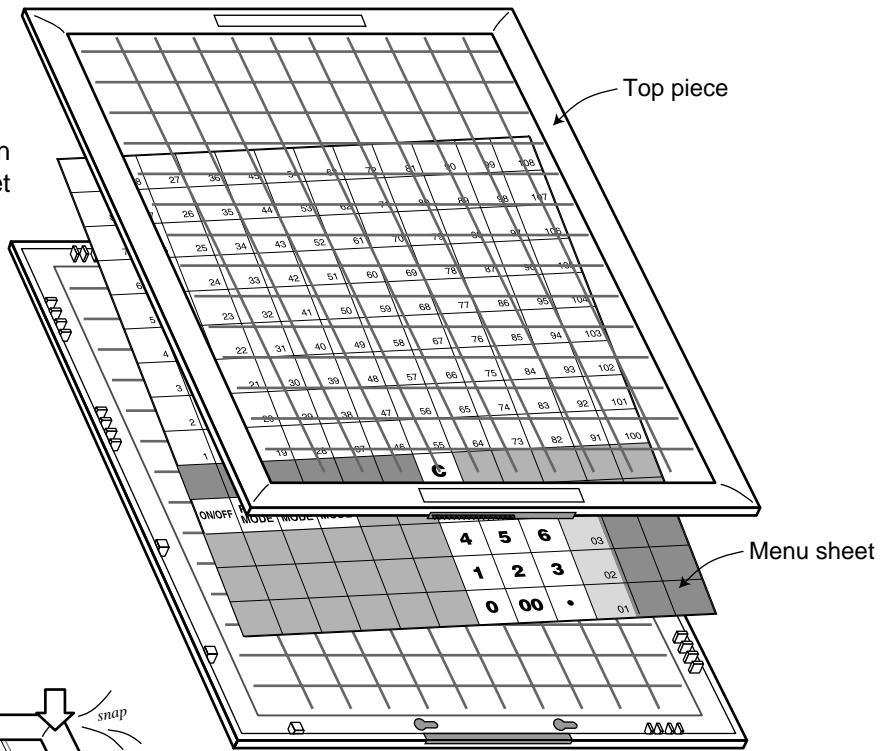


# Set a menu sheet in the sheet holder

Follow steps 4 ~ 7.

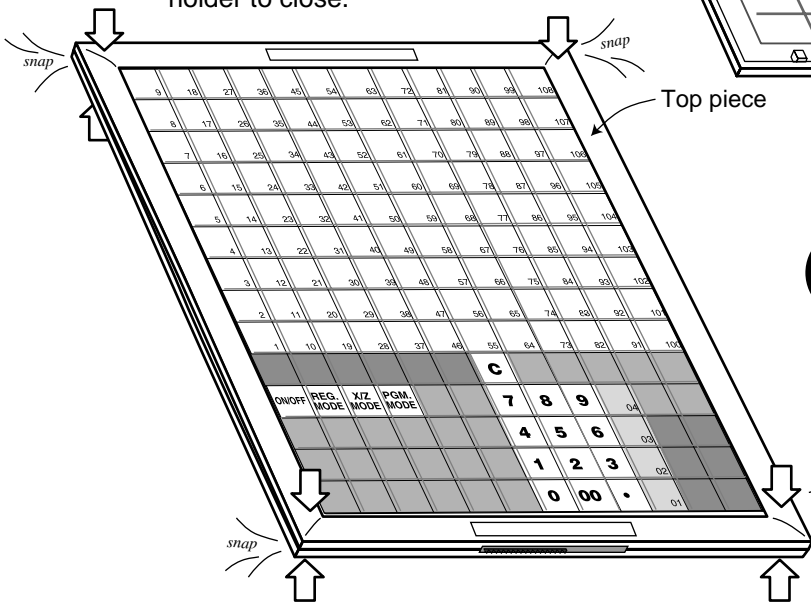
**4**

Insert menu sheet(s) between the two sections of the sheet holder.



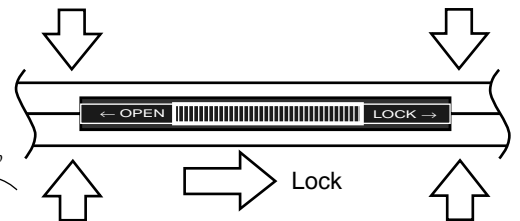
**5**

Replace the top piece, press both sides and snap all hooks around the sheet holder to close.



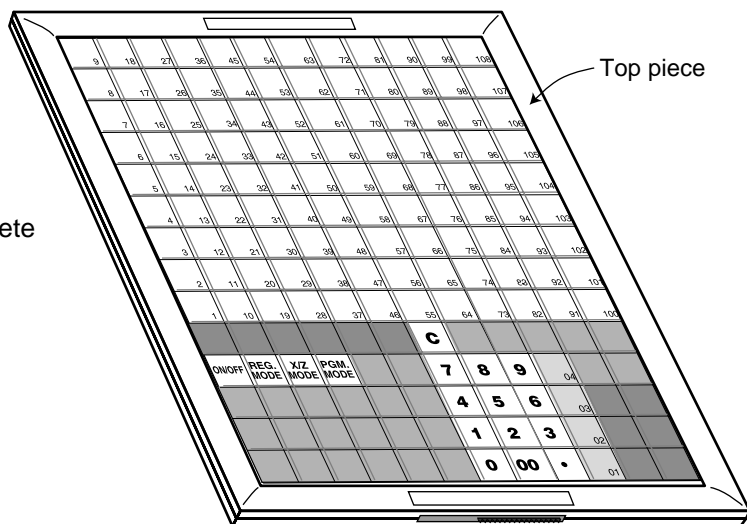
**6**

Slide both sides locking slide to lock.



**7**

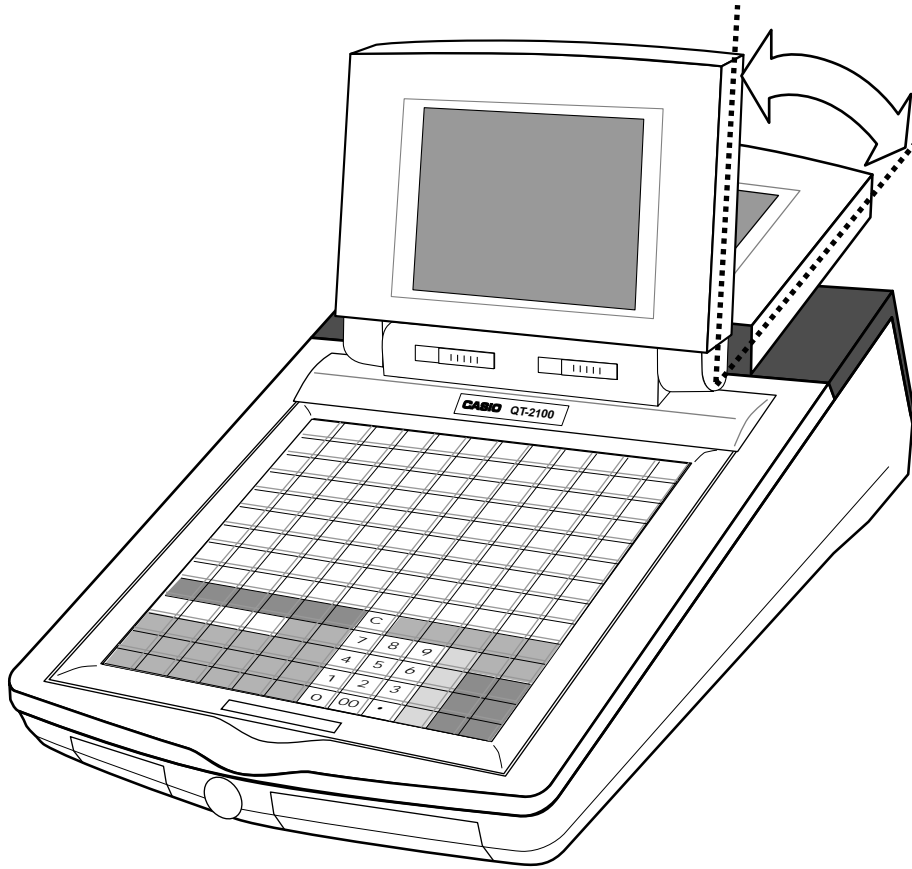
Complete



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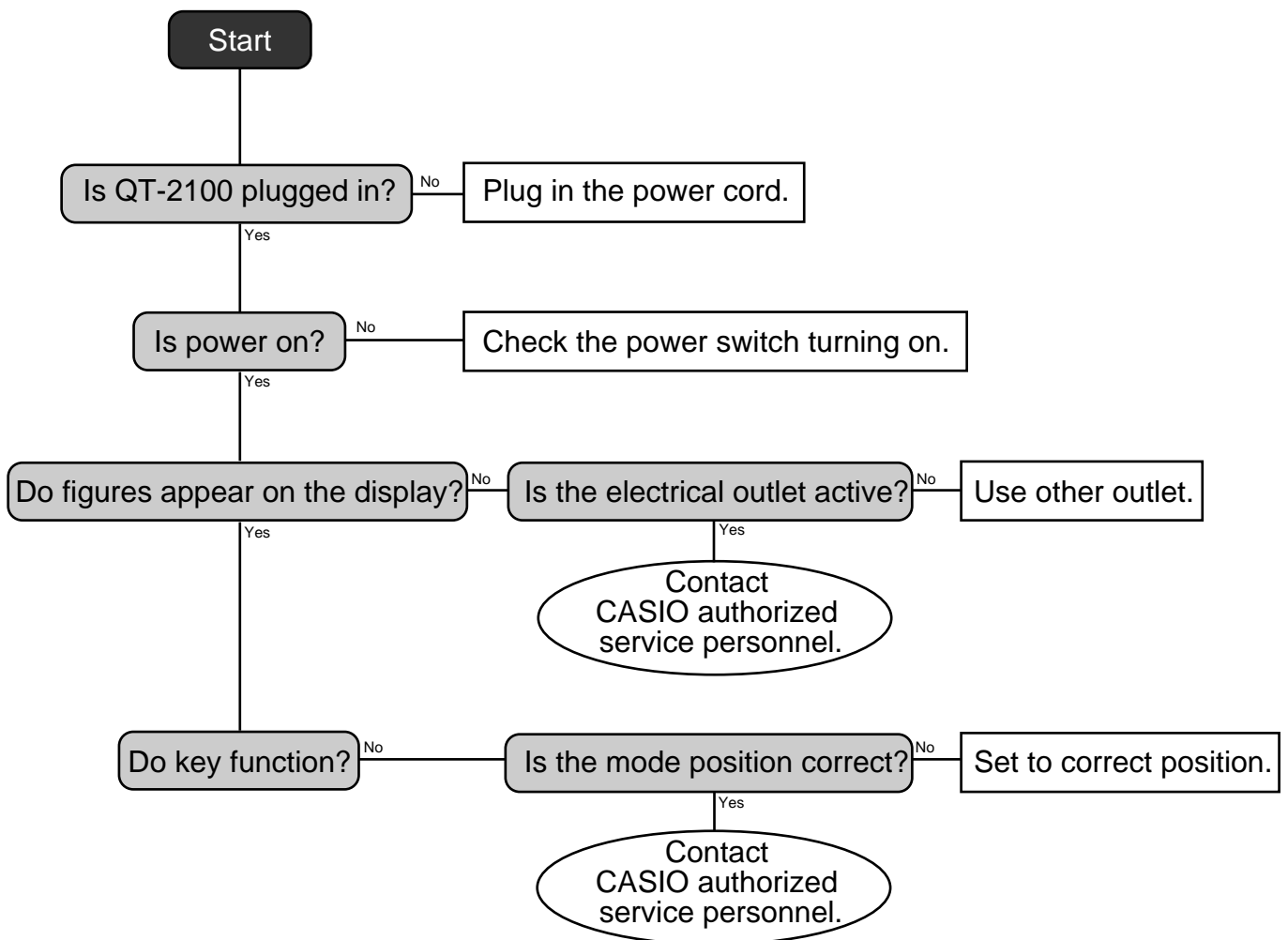
## 5. Tilt the LCD panel

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## 6. Troubleshooting

Perform the following check whenever the terminal enter an error condition as soon as you switch it on. The results of this check are required by service personnel, so be sure to perform this check before you contact your authorized service personnel.



In any other cases, if you can not find the cause of a problem, please contact your authorized service personnel.

## 7. List of options

| Name                     | Specification                    | Remarks  |
|--------------------------|----------------------------------|--|
| <b>Sheet holder</b>      |                                  |  |
| SH-KIT8                  | Sheet holder kit                 | One holder (1st ~ 4th) with two plain menu sheets              |
| SH-KIT9                  | Sheet holder kit                 | Two holders (1st ~ 4th, 5th ~ 8th) with four plain menu sheets |
| <b>Sheet cover</b>       |                                  |  |
| WT-81                    |                                  |  |
| <b>Slip printer</b>      |                                  |  |
| SP-1300                  |                                  |  |
| PRT-CB-8C                | Printer cable for SP-1300        | Cable length: 1.5m   |
| <b>Remote printer</b>    |                                  |  |
| UP-350                   | Remote 1 station printer         | Thermal printer  |
| UP-250                   | Remote 1 station printer         | Impact printer   |
| SA-3015                  | Remote 2.5 station printer       | Impact printer   |
| PS-180                   | AC adaptor for remote printer    | Power cord is not included.                                    |
| PRT-CB-8A                | Printer cable for remote printer | Cable length: 3m   |
| PRT-CB-8B                | Printer cable for remote printer | Cable length: 5m   |
| <b>Display</b>           |                                  |  |
| QT-2160D                 | Rear display set                 | except for the U.S.  |
| QT-2163D                 | Customer display set             |  |
| QT-2061S                 | Pole for QT-2163D                |  |
| QT-2162S                 | Expansion cable for QT-2163D     | Cable length: 5m   |
| <b>Multi drawer</b>      |                                  |  |
| MDL-11                   | Multi drawer kit                 | Additional one drawer  |
| <b>Memory expansion</b>  |                                  |  |
| QT-2130RAM               |                                  | with battery backup  |
| <b>MCR</b>               |                                  |  |
| QT-2046MC                | Magnetic card reader             |  |
| <b>Clerk key</b>         |                                  |  |
| CLK-K22                  | Clerk key set                    | 6 Dallas keys and probe  |
| <b>Hand held scanner</b> |                                  |  |
| HHS-15                   |                                  |  |
| <b>PC link cable</b>     |                                  |  |
| PRL-CB-2                 |                                  |  |

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## 8. Specifications

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### ■ QT-2100 unit

|                        |   |
|------------------------|---|
| Input method:          | 10-key system (2-key roll over)   |
| Display:               | Monochrome LCD 320 × 240 dots (Main)<br>Digitron: Alphanumeric 20 digits × 2 lines (Customer) (only for the U.S.)           |
| CPU:                   | SH-3/133MHz   |
| RAM:                   | 4 MB, Max. 8 MB   |
| Memory protection:     | 48-hour full charged batteries protect memories for approximately 30 days.<br>Batteries should be replace every five years. |
| Interface:             | 6 × RS232C, 1 × drawer, 1 × in-line, 1 × CF card, (1 × Dallas key, 1 × MCR)   |
| Power supply:          | } As noted on the plate affixed to the right side of the unit.  |
| Power consumption:     |   |
| Operating temperature: | 0 °C ~ 40 °C  |
| Humidity:              | 10 ~ 90 %   |
| Dimension and weight : | 270 mm (W) × 116 mm (H) × 406 mm (D)/4.4 kg   |

The CE marking below applies to the EU region. Declarer of conformity is as follows:



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

### **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.

Apparaten skall anslutas till jordat nätuttag.

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

**CASIO®**

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MO0202-C

Printed in Japan

QT-2100\*E

Printed on recycled paper.