

# UB-E01 User's Manual

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401209601

## ***Introduction***

The UB-E01, designed for EPSON® TM printers, is a 10BASE-T Ethernet interface board.

This manual provides instructions for operators of POS systems in which the UB-E01 is installed so that the operators can use the UB-E01 safely and correctly. For information about installation and settings required, see the *UB-E01 Developer's Guide*. To get the *UB-E01 Developer's Guide*, contact your EPSON representative or your place of purchase.

## ***Key to Symbols***

The symbols in this manual are identified by their level of importance, as defined below. Read the following carefully before handling the product.



### **CAUTION:**

*Observe cautions to avoid minor injury to yourself, damage to your equipment, or loss of data.*



### **Note:**

*Notes have important information and useful tips on the operation of your equipment.*

## Caution Label

The following caution label is visible near the display module connector.

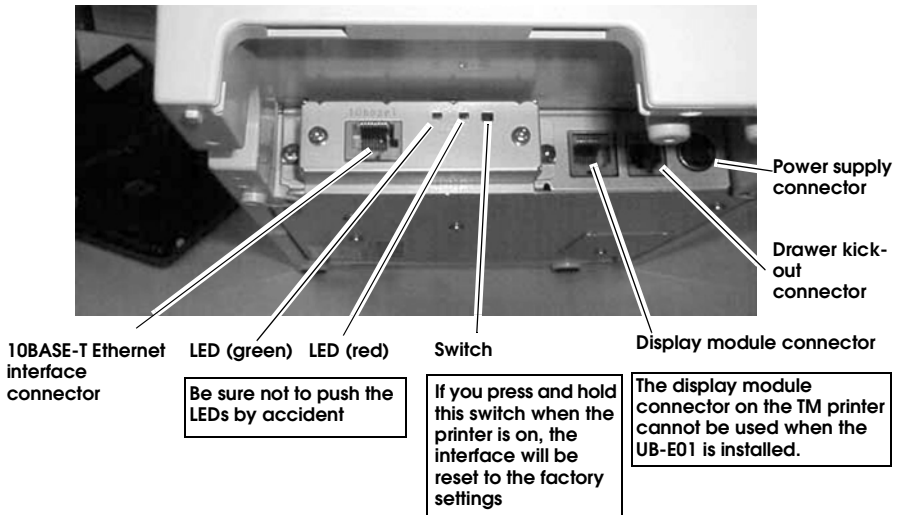


The label has the following meaning:

“The display module connector and the drawer kick-out connector use the same type of the Ethernet connector; therefore, be sure not to connect the Ethernet connector cable or the telephone line to the display module connector or the drawer kick-out connector.”

## Part Names

The following view shows the part names of the UB-E01.



Note: This photograph shows the TM-H6000 printer with the UB-E01 installed.

## Connecting the Cables

Before connecting any of the cables, make sure that both the printer and the host computer are turned off.

### **Connecting the 10BASE-T Ethernet cable**

1. Make sure both the printer and the host computer are turned off.
2. Plug the 10BASE-T cable connector securely into the UB-E01's 10BASE-T Ethernet connector until you feel it click.



### **CAUTION:**

*Do not connect a telephone line, a display module cable, or a drawer kick-out cable to the UB-E01's 10BASE-T connector.*



### **Note:**

*The display module connector on the TM printer cannot be used when the UB-E01 is installed.*

3. Connect the power supply to the printer.

## EMC Standard Applied

Product Name: UB-E01

Model Name: M155A

The following standards are applied only to the interface boards that are so labeled. (EMC is tested using the EPSON PS-170 power supply and TM series printers.)

Europe	CE marking
North America	EMI: FCC/ICES-003 Class A
Japan:	EMC: VCCI Class A
Oceania	EMC: AS/NZS 3548 Class B

## WARNING

The connection of a non-shielded interface cable to this board will invalidate the EMC standards of this device. You are cautioned that changes or modifications not expressly approved by SEIKO EPSON Corporation could void your authority to operate the equipment.

## CE Marking

The printer conforms to the following Directives and Norms:

Directive 89/336/EEC

EN 55022 Class B
EN 55024
IEC 61000-4-2
IEC 61000-4-3
IEC 61000-4-4
IEC 61000-4-5
IEC 61000-4-6
IEC 61000-4-11

The printers in which this board is installed do not conform to the following:

Directive 90/384/EEC

EN 45501

## FCC Compliance Statement

### For American Users

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.

### For Canadian Users

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.



## CAUTION:

*Connecting an outdoor overhead LAN cable directly to your product*

*Connecting an outdoor overhead LAN cable directly to your product may lead to lightning damage. If you need to connect such a cable to your product, the cable must be protected against an electrical surge between the cable and your product. You should avoid connecting your product to a non-surge protected outdoor overhead LAN cable.*