medSELECT®

SUPPLY**SOURCE**™

Thermal Printer Installation Guide
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TM-TMT88P-000C   PD 4183

For use when installing the Model 129A Epson Printer

Document History

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Use of the MedSelect and SupplySource Systems, as well as all aspects of patient care, must still rely upon the professional skill and judgment of a competent medical professional, who should independently verify the accuracy and completeness of all pharmacological, medical, legal, or similar information entered into the system and the results obtained therefrom.

Thermal Printer Installation Guide

Table of Contents

1   Thermal Printer Installation Kit

1.1   Wall Mounting Kit

Kit 19-040149-000A provides the wall mounting hardware for the Model 129A Epson Printer. The base plate of this printer has four pre-drilled holes for mounting to a MedSelect wall bracket. Hook-loop tape is included in the kit to mount the AC/DC power adapter to a surface, if desired.

1.2   Kit Contents

The following items are included in the kit:

Part No.	Qty	Item No.	Description
49-014564-000A	1	1	BRKT, WALL, RCPT, PRINTR
01-026780-0150	2	2	SCR, SLFTPG, PNH, 10-0.50, TYPE AB, PHIL
19-038818-000A	2	3	ANCHOR, SLFDR, 06/08/10, PLSTC
01-026663-0150	4	4	SCR, SLFTPG, PNH, 04-.37, B
19-038328-000A	2	5	SCR, FLH, #8 X 2.00 LG, HIGH HELIX, PHIL
92-040000-0067	0.5 FT	6	FSTNR, TAPE, HOOK/PILE, 2.00, ADH

Item 2 and Item 3 are only used when mounting the printer to drywall in a location where no studs are present. Item 5 is only used when mounting the printer to wood or metal studs.

Note

Two screws (Item 2 or Item 5) are sufficient to secure the weight of the printer on drywall or studs.

1.3   Available Mounting Orientations

The printer may be mounted horizontally, vertically, or vertically upside down. A mounting bracket is not needed, but it can be used for security purposes, for horizontal mounting on a surface such as a table top. The printer will function if mounted vertically on a surface in an upside-down orientation. However, panel nomenclature and printed characters will also be upside down. Nevertheless, this orientation may be desirable so that the cabling will have a direct route towards the floor instead of circling down from the top. Refer to the following table for a quick summary of mounting orientations and their features.

Note

To accommodate the ability of the printer to detect when the paper roll is just about depleted, the "paper-near-end" sensor must be set differently for several of the orientations. The reason for these changed settings is that the paper roll will rest differently in its tray for several of the orientations, and the sensor may never make contact with the roll.

Mounting Orientation	Printer Paper Roll Insertion	Paper-Near-End Sensor Setting	Cabling Orientation	Printer Panel Nomenclature Orientation	Printer Character Orientation
Horizontal with Bracket	Normal	Bottom (Full CW)	To Back	Normal	Normal
Horizontal without Bracket	Normal	Bottom (Full CW)	To Back	Normal	Normal
Vertical with Bracket	Awkward	Middle (Centered)*	To Top	Normal	Behind Paper
Vertical with Bracket and Upside-Down	Normal	Top (Full CCW)	To Bottom	Upside Down	Upside Down
*Disengages paper near-end sensor; the user must rely on the markings at the end of the paper roll to indicate that the roll needs to be changed.					

1.4   Paper-Near-End Sensor Setup

Refer to Figure 1 and set the paper-near-end sensor for the desired printer mounting orientation. To set the sensor detection position, loosen (not too loose) the sensor attachment screw with a coin (dime). Then press in the sensor tabs with a pen or any similar object and move the spoked wheel accordingly so that the sensor tabs will engage in the proper location (bottom, middle, or top which is with reference to the horizontal mount). Retighten sensor attachment screw.
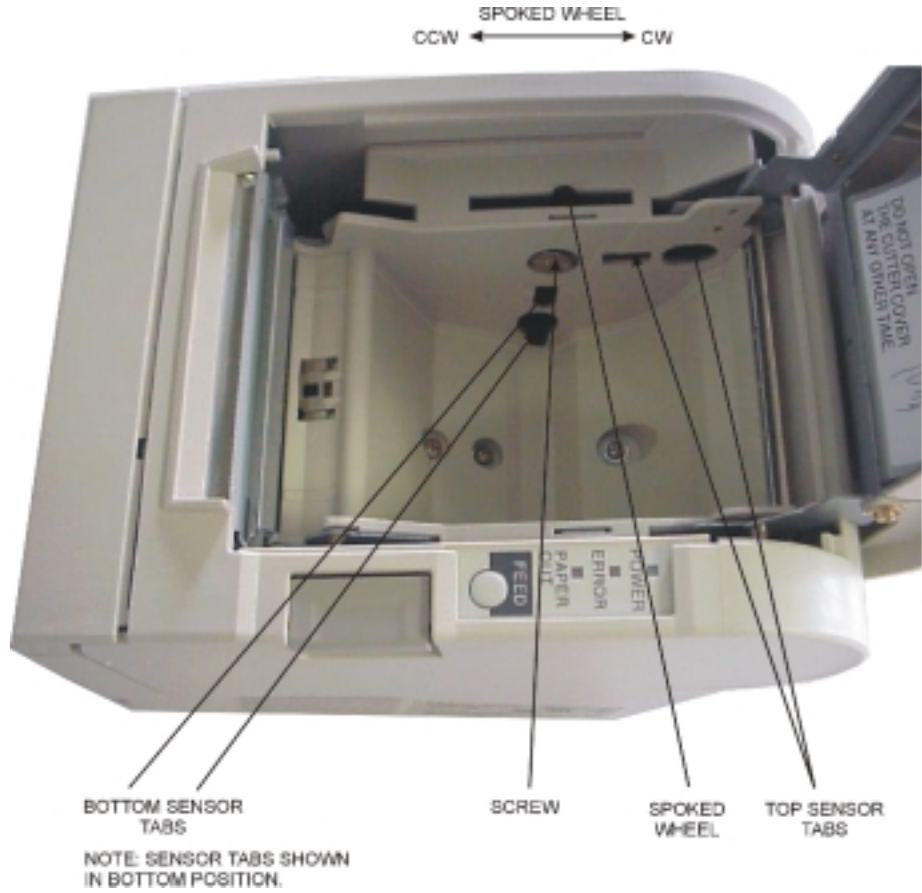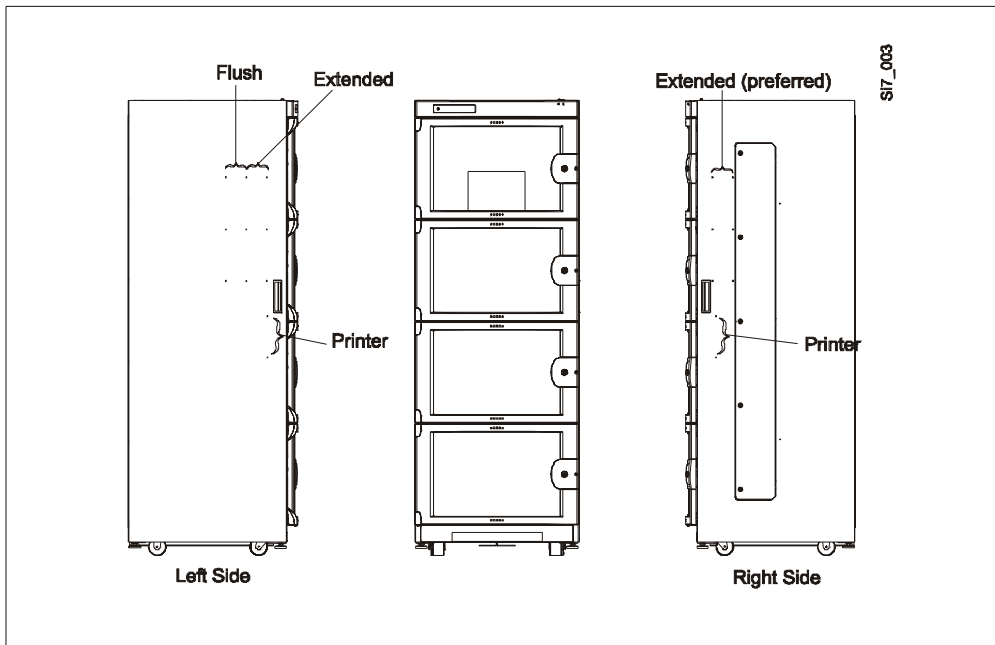
Figure 1 Printer Paper-Near-End Sensor Setup

Figure 2 SST Printer Knockout Holes

2 Installation and Mounting

2.1 Installing Printer/Mounting Bracket

Refer to Figure 3 for this procedure. Determine the desired height and location of printer mounting. The printer wall bracket (Item 1) is used as a template for locating the mounting holes on MedSelect modules. On SupplySource cabinets (see Figure 2), two knockout holes are located on each side that are to be used for mounting the printer. Be sure that the printer is located within reach of a power outlet. Take into consideration the length of the power cord and DC line for the AC/DC adapter.

1. The printer wall bracket (Item 1) is mounted with two screws. One screw hole in the bracket is slotted. Mark the location of the slotted hole only. Do not mark the top hole position yet. Figure 3 shows the proper orientation for the bracket for vertical mounting. (The slot will be on the top for vertical upside-down mounting.)

2. This step assumes that the installer has previously determined whether the supporting surface is drywall alone or includes stud support.

   If the supporting surface is an area of drywall without stud support, install a plastic anchor (Item 3) at the marked location. Then install a kit supplied screw (Item 2) into the anchor.

   If the supporting surface includes studding, then no plastic anchor is used. Instead, install a kit supplied screw (Item 5) into the wall at the marked location.

   If the supporting surface is sheet metal (e.g., side of an SST), then install a kit supplied screw (Item 2) into the cabinet at the proper knockouts.

3. Install the bracket (Item 1) onto the wall screw of Step 2 and tighten the screw against the bracket until snug, but do not tighten the screw completely so that you may adjust the position of the bracket. Be sure that the slot of the bracket is fully engaged with the screw by lightly tapping the bracket in direction of screw.

4. Level the bracket and mark its other mounting hole. If an anchor is installed for the slotted hole, swing the bracket out of the way and install an anchor for the other hole now. Do not install the top screw yet (whether an anchor is used or not).

5. Loosen the screw through the slotted hole one-quarter turn and remove the bracket.

   Note

   This screw is not accessible once the printer is attached to the bracket. This is the reason for the slotted hole in the bracket. Do not loosen the screw any more than is necessary to remove the bracket.

6. Install the printer onto the bracket with the four supplied screws (Item 4).

7. Reinstall the bracket with the printer attached to the wall. The slotted hole of the bracket is mounted to the bottom screw in the wall.

8. Install the proper screw through the hole (Item 2 for an anchor or sheet metal or Item 5 without an anchor) to secure the bracket and printer to the wall.

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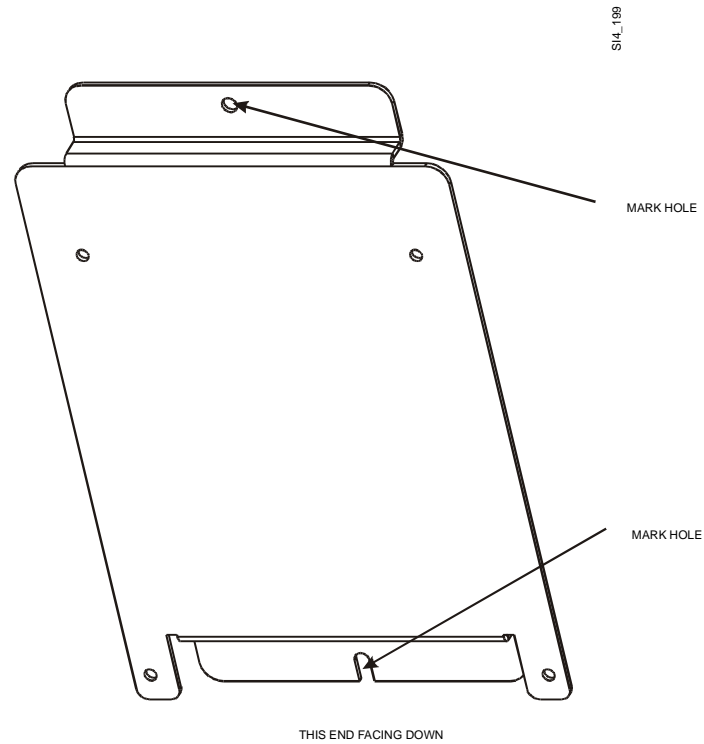MARK HOLE

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Figure 3 Printer Wall Bracket Installation

2.2   Installing AC/DC Power Adapter

The kit includes one piece of hook-loop fastener (Item 6) for attachment of the power adapter to a surface. Attach the adapter to the desired location.

2.3   Installing Cable Connections

Connect the printer cable (see Figure 4) and DC power cord to the printer.

Detail of DT-CPU Connections

DT-CPU
19-040201-000A

	PORTS
	VGA
	*COM3
	Keyboard
Card Slot 2	DB9F
	*COM4
	Parellel
Card Slot 1	
	*COM5
	*COM6
Built in I/O Port	COM2
Built in I/O Port	COM1

VGA Video Cable (39-014088-000A)

Touchscreen Serial Cable (39-014087-000A)

Keyboard Cable (39-014086-000A)

LCD Power Cable (49-017188-000A)

Cable Bundle
49-017200-000A

IrDA Serial Cable (Optional) (39-014087-000A)

Printer Parallel Cable (Optional) (19-033330-000D)

Ethernet or **Token Ring** Cable (Customer Supplied)

Not Used

Not Used

Not Used

Serial Cable for IB (39-014087-000A)

*Globetek ISA Quad Serial Adapter
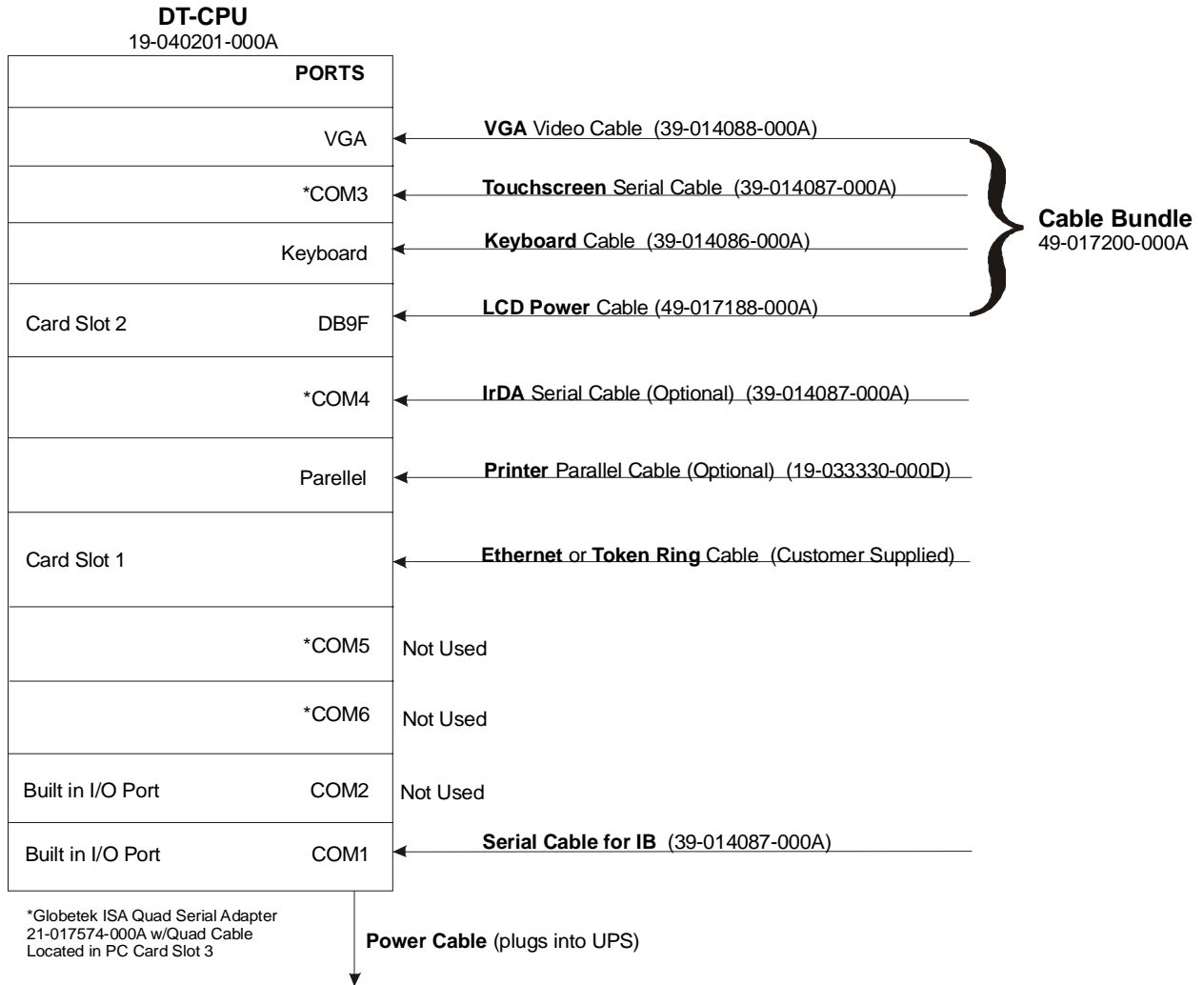21-017574-000A w/Quad Cable
Located in PC Card Slot 3

Power Cable (plugs into UPS)

Figure 4 Detail of DT-CPU Connections