

Federal Communications Commission (FCC) Statement

This Equipment has been tested and found to comply with the limits for a Class B 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 communication.

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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c/o Tasq Technology

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- Visual shields designed into the check-stand.
 - Position the PED so that it is angled in such a way to make PIN spying difficult.
- B. Pop-up (temporary) privacy shield attached to the PED mounting stand. Consumers (through education & prompting) or merchant would put the shield in place during PIN entry.
- C. Installing PED on an adjustable stand that allows consumers to swivel the terminal sideways and/or tilt it forwards/backwards to a position that makes visual observation of the PIN-entry process difficult process infeasible.
- Visual shields designed into the check-stand.
 - Position the PED so that it is angled in such a way to make PIN spying difficult.
- D. Positioning of in-store security cameras such that the PIN-entry keypad is not visible. Instructing the cardholder regarding safe PIN-entry, done with a combination of:
- Signage on the PED.
 - Prompts on the display, possibly with a "click-through" screen.
 - Potentially literature at the point of sale.
 - A logo for safe PIN-entry process.

FIRST DATA CORPORATION

PORTABLE TERMINAL

FD-400^{eTi}

INSTALLATION GUIDE



Caution: Risk of explosion if the battery is replaced by an incorrect type. Please dispose used battery according to the local regulations.

Caution: For continued protection against fire, replace only with same type same rating fuse." Marking is located on the enclosure of cigarette lighter plug or located on the input cable near cigarette lighter plug. Fuse rating (voltage and ampere) shall also be marked on the enclosure of cigarette lighter plug near the fuse.

Caution: For hand held operation, this terminal will keep away 20cm from the body in order to meet the FCC RF exposure guidelines.

LOADING THE PAPER

Pop the printer cover's latch to open the cover (Figure 5); then lift the cover. Load a roll of paper (Appleton 1012 is recommended) into the printer (Figure 6). The print-side of the paper will feed out facing the operator.

Close the cover and tear off any excess paper (Figure 7). The printer is now ready to use.



Figure 5



Figure 6



Figure 7

POWER ON TERMINAL

There are two connections under a plastic cover on the left side of terminal (Figure 1). The bottom is power input; the other is a USB port for devices to connect to terminal (Figure 2).



Figure 1



Figure 2

- Adapter spec:
LI SHIN INT. / LSE0107A1240
Input: 100-240Vac, 50/60Hz 1A
Output: 12Vdc, 3.33A
- Operating Temperature:
0°C to 40°C
- Battery pack:
CHENG UEI / FD-400 7.4V, 2.3Ah
- Car Charger:
EDAC POWER ELECTRONICS CO., LTD. / ED1025
Input: 11-16Vdc, 5A
Output: 12Vdc, 2.5A



Figure 3

Rechargeable battery is at the bottom of terminal (Figure 3).

Caution: The cover (Figure 3) shall be provided with a means to keep it closed during normal operation.

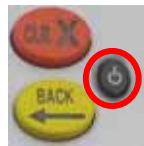


Figure 4

Plug the power cord or install the battery, press the power button on the front to power on it (Figure 4).

Table A1: Matrix of Observation Corridors and PIN Protection Methods

Method	Observation Corridors				
	Cashier	Customers in Queue	Customers Elsewhere	On-Site Cameras	Remote Cameras
PED Stand A	M	H	L	L	L
PED Stand B	H	H	H	L	M
Check-Stand A	L	M	M	L	H
Check-Stand B	H	H	M	H	H
Customer Instruction	H*	H*	H*	H*	H*

* Customer Instruction methods are less repeatable and therefore should be used in combination with other methods. L = low, M = medium, H = high.

USING THE CARD READER

The reader slot is located at of terminal. Swipe card through slot in left to right or the opposite direction with stripe face to us (Figure 8).



Figure 8

USING THE KEYPAD

The keypad allows you to select transaction types and enter information. It has 16 keys can be used to select numbers, letters, and to enter data (Figure 9).



Figure 9

To enter numbers or letters, simply press the appropriate key. For example, to type the letter A, press [ALPHA], and then [A] (the Void key). (Figure 10)



Figure 10

Warning:

A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. Use only the power cord supplied.

Caution: Use only shielded signal cables to connect I/O devices to this equipment. You are cautioned that changes or modifications not expressly approved by the party responsible for

compliance could void your authority to operate the equipment.

INSTALLING PRIVACY SHIELD

The privacy shield of the FD-400eTi shows as Figure 11.



Figure 11

There are four slots along the perimeter (Figure 12). Lock the privacy shield around on the slots (Figure 13).



Figure 12

When the privacy shield is installed, the keypad is separated into two part; number keys are protected within the shield (Figure 14).



Figure 13

Warning:

If the device, FD-400eTi, is used without the detachable privacy shield, the following criteria needs to be met by the Installed Environment of the PED for complying with the PCI privacy screen design requirement:

- A. Positioning of the PED on the check-stand in such way as to make visual observation of the PIN-entry process infeasible.



Figure 14

Federal Communications Commission Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee this equipment does not cause harmful interference to radio or TV reception. This can be determined by turning the equipment on and off. The user is encouraged to try to correct the interference by one or more of the following measures:

- _ Reorient or relocate the receiving antenna.
- _ Increase the separation between the equipment and receiver.
- _ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- _ Consult the dealer or an experienced radio or television technician for help.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USERS AUTHORITY TO OPERATE THE EQUIPMENT.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment . End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instruction as documented in this manual.

For hand-held or desktop operation only. This PORTABLE TERMINAL meets FCC RF exposure guidelines when used in hand-held or desktop operation. The antenna should be operated minimum distance of 20 centimeters between the human body.