



Installation & Maintenance Manual

TeamPoS 3000 XE



Table of Contents

Chapter 1 Overview	1-1
1.1. Front Panel LEDs and Switches	1-4
Chapter 2 Specifications	2-1
Chapter 3 Dimensions.....	3-1
3.1. Keyboards (Option)	3-3
3.2. Cash Drawers (Option).....	3-5
3.3. Display Options	3-6
3.4. LCD VESA Bracket Mounting	3-8
3.4.1. Model D22 & D25 LCDs on Stacked Stand	3-9
3.4.2. Model D22 & D25 LCDs with MSR.....	3-9
3.4.3. Model D22 & D25 LCDs on Single Stacked Stand w/MSR & VF60 Display	3-10
3.4.4. VF60 Customer Display (stacked)	3-11
3.5. Printers (Option).....	3-12
Chapter 4 Site Preparation	4-1
4.1. Unpacking and Inspecting the Shipment.....	4-1
4.2. Reporting Shipment Damage	4-1
4.3. Returning Equipment	4-2
4.4. Using Anti-static Protection	4-2
4.5. Preparing for Installation.....	4-2
4.6. Determining Power Requirements	4-2
4.7. General Requirements	4-3
4.8. Installation with Other Equipment	4-6
4.9. Mains Power Cables.....	4-7
4.10. Warning Labels.....	4-7

Table of Contents (continued)

Chapter 5 Installation	5-1
5.1. Installing Brackets	5-1
5.2. Installing the LCD	5-3
5.2.1. Assembling the LCD and Stacked Stand	5-3
5.2.2. Stacking the LCD	5-10
5.3. Installing Options	5-12
5.3.1. Installing the MSR or Keypad/MSR	5-12
5.3.2. Installing the VF60 Display in Stacked Stand.....	5-15
5.3.3. Installing the Keyboard and the Central Filler	5-20
5.3.4. Installing Printers	5-22
5.4. Installing Cash Drawers	5-26
5.5. Connecting Peripherals.....	5-27
5.6. Connecting Power	5-29
Chapter 6 - General Operations	6-1
6.1. System Operations.....	6-1
6.2. General Care and Maintenance	6-1
6.3. Power ON and OFF Sequence.....	6-2
6.3.1. Powering ON.....	6-3
6.3.2. Powering OFF	6-3
Chapter 7 Maintenance	7-1
7.1. Periodic Maintenance	7-1
7.2. Field-Replaceable Items	7-2
7.3. Removing the Top Cover	7-2
7.4. Removing the Front Panel.....	7-3
7.5. Replacing the Motherboard	7-5
7.5.1. Motherboard Connectors	7-9
7.6. Replacing the Hard Drive.....	7-17
7.7. Adding or Replacing Memory.....	7-19
7.8. Installing the PCI add-In Card.....	7-20
7.9. Installing/Replacing I/O Boards	7-22
7.9.1. Combo Board Jumper Settings.....	7-24
7.10. Replacing the CD/DVD.....	7-25
7.11. Replacing the Power Supply	7-26
7.12. Replacing the Fan	7-28

Table of Contents (continued)

Chapter 8 – Troubleshooting	8-1
8.1 Power cannot be turned on or the unit powers off after a few minutes.	
The power LED next to the power switch does not light up.....	8-1
8.2 System will not boot up.....	8-2
8.3 Display/LCD shows correctly during Power On Self Test (POST), but fails when the Operating System (OS) starts	8-3
8.4 Display/LCD is blank at all times	8-5
8.5 Printing errors.....	8-6
8.6 Impossible to input data from keyboard and/or abnormal input	8-7
8.7 Keyboard MSR reading error	8-8
8.8 Cash Drawer Operation errors.....	8-9
8.9 Customer display errors.....	8-9
8.10 Deletion of Date, time and disk setup data when turning off power.....	8-10
8.11 Operation errors of other peripheral devices.....	8-10
Chapter 9 – BIOS Setup Procedures.....	9-1
9.1 Opening CMOS Setup Screen	1
9.1.1 CMOS Settings.....	1
9.1.2 Main Menu	2
9.1.3 Standard CMOS Features	3
9.1.4 Advanced BIOS Features Setup	4
9.1.5 Integrated Peripherals Setup.....	5
9.1.6 Power Management Setup.....	6
9.1.7 PnP/PCI Configurations Setup	6
9.1.8 PC Health Status.....	7
9.1.9 Frequency/Voltage Control Setup	8
9.1.10 Load Optimized Defaults	9
9.1.11 Set Supervisor Password	10
9.1.12 Save & Exit Setup	11
9.1.13 Exit without Saving	12
Chapter 10 – Spares and Upgrade Parts List.....	10-1

Figures

Figure 1-1. TeamPoS 3000 XE	1-1
Figure 1-2. TeamPoS 3000 XE Control Unit with USB Flow Diagram	1-2
Figure 1-3. TeamPoS 3000 XE Control Unit with Combo Board Flow Diagram.....	1-3
Figure 1-3. Front Panel LEDs and Switches.....	1-4
Figure 2-1. Typical TeamPoS 3000 XE Configuration	2-1
Figure 3-1. TeamPoS 3000 XE Stacked Configuration Dimensions.....	3-1
Figure 3-2. TeamPoS 3000 XE Control Unit without Brackets Installed.....	3-2
Figure 3-3. Model 133 UQ Keyboard Dimensions.....	3-3
Figure 3-4. Model 92 U Keyboard Dimensions.....	3-3
Figure 3-5. Model 104P POS Keyboard with MSR Option Dimensions	3-4
Figure 3-5. Model TP10 Cash Drawer.....	3-5
Figure 3-6. Model TP10 Cash Drawer in Open Position.....	3-5
Figure 3-7. Model D22 LCD	3-6
Figure 3-8. Model D25 LCD	3-7
Figure 3-9. VESA Bracket Mounting	3-8
Figure 3-10. Model D22 & D25 LCDs on Stacked Stand	3-9
Figure 3-11. Model D22 & D25 LCDs with MSR	3-9
Figure 3-12. Model D22 & D25 LCDs on a Single Stacked Stand w/MSR & VF60 Display	3-10
Figure 3-13. VF60 Customer Display Dimensions.....	3-11
Figure 3-14. Model DT50III Printer	3-12
Figure 3-15. Model CT10 Printer	3-12
Figure 4-1. Labels on Control Unit Front Panel - Inside	4-8
Figure 4-2. Back View of the Control Unit	4-9
Figure 4-3. Bottom of the Control Unit	4-9
Figure 5-1. Bracket Locations.....	5-2
Figure 5-2. Stacked Stand Components.....	5-3
Figure 5-3. Removing the Cable Access Cover.....	5-3
Figure 5-4. Removing the Hinge Cap	5-4
Figure 5-5. Removing the Top Hinge Cover	5-4
Figure 5-6. Removing the Bottom Hinge Cover.....	5-4
Figure 5-7. Stacked Stand in Forward Position	5-5
Figure 5-8. Stacked Stand w/Arm Rotated to Side	5-5
Figure 5-9. VGA Cable Configuration with Optional Audio Cable.....	5-5
Figure 5-10. Removing the LCD Back Cover	5-6
Figure 5-11. LCD Connectors.....	5-6
Figure 5-12. Typical VGA Cabling	5-7
Figure 5-13. VGA Configuration with Attached Stand	5-7

Figures (continued)

Figure 5-14. Replacing the Top Hinge Cover.....	5-8
Figure 5-15. Replacing the Bottom Hinge Cover	5-8
Figure 5-16. Attaching the Hinge Cap.....	5-9
Figure 5-17. Stacking the LCD	5-10
Figure 5-18. Aligning the Stand.....	5-10
Figure 5-19. Securing the Stand with Screws.....	5-11
Figure 5-20. Installing the Face Plate	5-11
Figure 5-21. Removing the LCD Side Panel	5-12
Figure 5-22. Accessing the Connector Cable	5-12
Figure 5-23. Removing the MSR Back Cover.....	5-13
Figure 5-24. Attaching the MSR to the LCD.....	5-13
Figure 5-25. Attaching the MSR Connector	5-14
Figure 5-26. Keypad/MSR and LCD	5-14
Figure 5-27. Items Needed to Install the VF60 on a Stacked Stand	5-15
Figure 5-28. Threading the Cable through the Pole and Tilter Unit.....	5-16
Figure 5-29. Removing the Back Panel	5-16
Figure 5-30. Connecting the USB Connector	5-16
Figure 5-31. Reattaching the Back Panel.....	5-17
Figure 5-32. Attaching the Tilter	5-17
Figure 5-33. Attaching the Tilter onto the Pole	5-18
Figure 5-34. Adjusting the Pole	5-18
Figure 5-35. Removing the Filler Plate.....	5-18
Figure 5-36. Attaching VF60 to the Stand.....	5-19
Figure 5-37. Fitting the Collar into Place	5-19
Figure 5-38. Attaching the USB Connector to the Keyboard.....	5-20
Figure 5-39. Putting the Keyboard on the Controller	5-20
Figure 5-40. Installing the Central Filler	5-21
Figure 5-41. Stacking the DT50 Series Printer.....	5-22
Figure 5-42. Stacking the DT50 Series Printer.....	5-23
Figure 5-43. Stacking the CT10 Printer	5-24
Figure 5-44. Filler Panels.....	5-25
Figure 5-45. Installing the Front Filler Panel.....	5-25
Figure 5-46. Setting the Printer in Place	5-26
Figure 5-47. I/O Ports on the Back Panel	5-27
Figure 5-48. I/O Ports	5-28
Figure 5-49. Optional Combo I/O Board.....	5-28
Figure 5-50. Optional Powered USB I/O Board.....	5-28
Figure 5-51. Connecting AC Power.....	5-29
Figure 7-1. Field-Replaceable Items.....	7-2
Figure 7-2. Opening the Controller Front Door.....	7-3
Figure 7-3. Thumbscrew and Locking Tab.....	7-3
Figure 7-4. Removing the Front Panel.....	7-4
Figure 7-5. Replacing the Front Panel	7-4

Figures (continued)

Figure 7-6. Removing the I/O Board	7-5
Figure 7-7. Removing the I/O Board Connectors.....	7-6
Figure 7-8. Removing Screws from the Motherboard.....	7-7
Figure 7-9. TeamPoS 3000 XE Motherboard	7-8
Figure 7-10. Motherboard Connectors.....	7-9
Figure 7-11. Motherboard Power Connectors	7-10
Figure 7-12. Motherboard Fan Connectors.....	7-11
Figure 7-13. Motherboard IDE Connectors.....	7-12
Figure 7-14. Motherboard Front Panel Connectors	7-13
Figure 7-15. Motherboard Power LED Connector	7-14
Figure 7-16. Motherboard CD In Connector	7-14
Figure 7-17. Motherboard Front USB Connector.....	7-15
Figure 7-18. Motherboard Chassis Intrusion Connector.....	7-15
Figure 7-19. Motherboard Clear CMOS Jumper	7-16
Figure 7-20. Replacing the Hard Drive.....	7-17
Figure 7-21. Removing the Hard Drive from the Chassis	7-18
Figure 7-22. Removing the Hard Drive from the Bracket	7-18
Figure 7-23. Adding or Replacing Memory	7-19
Figure 7-24. Removing the Filler Plate from the Back Panel.....	7-20
Figure 7-25. Installing the PCI Card	7-21
Figure 7-26. Installing the I/O Board.....	7-22
Figure 7-27. Combo Board COM Port Connector Signals	7-23
Figure 7-28. Combo Board COM Port Connector Signals	7-23
Figure 7-29. Combo Board Jumpers	7-24
Figure 7-30. Installing the CD/DVD	7-25
Figure 7-31. Replacing the Power Supply	7-26
Figure 7-32. Screws that Secure the Power Supply	7-27
Figure 7-33. Replacing the Fan.....	7-28

Tables

Table 1-1. TeamPoS 3000 XE Front Panel Switch and LCD Matrix	1-5
Table 2-1. Specifications	2-2
Table 4-1. Power Requirements.....	4-6

This is a “Table of Contents preview” for quality assurance

The full manual can be found at <http://the-checkout-tech.com/estore/catalog/>

We also offer free downloads, a free keyboard layout designer, cable diagrams, free help and support.

<http://the-checkout-tech.com> : the biggest supplier of cash register and scale manuals on the net