

# KS - 6215 PLUS

## Fan Free Touch Terminal w/ Slim Base User's Manual

**POSIFLEX**



### FCC Notes:

Rev.: Original

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with limits for a Class A digital device pursuant to subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures to correct the interference.

### Warranty Limits:

Warranty terminates automatically when any person other than the authorized technicians opens the machine. The user should consult his/her dealer for the problem happened. Warranty voids if the user does not follow the instructions in application of this merchandise. The manufacturer is by no means responsible for any damage or hazard caused by improper application.

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P/N: 16580900010

Part 1

## **ALERT TO OUR HONORABLE CUSTOMERS:**

- Please always read thoroughly all the instructions and documents delivered with the product before you do anything about it. Don't take any premature action before you have a full understanding of the consequences.
- This product contains inside a Lithium battery. Please always follow local environmental protection laws / regulations for disposal of used batteries and always replace only with battery of same type.

### **DAILY MAINTENANCE GUIDE**

For regular cleaning of the KS systems, please use only soft haired brush or dry soft cloth. You may use moist soft cloth to remove stains when necessary. Apply only proper amount of mild neutral detergent for obstinate stains. Please note that never use Acryl dissolving solvent or Polycarbonate dissolving solvent. You may apply ammonia-based glass cleaner only on the screen surface.

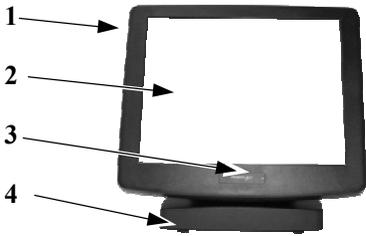
### **CAUTION**

**Risk Of Explosion If Battery Is Replaced By An Incorrect Type  
Dispose Of Used Batteries According To Local Regulations**

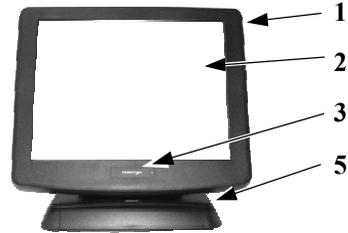
# INTRODUCTION

## PRODUCT PICTURES

### Front Views



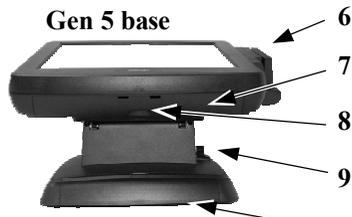
Gen 4 base



Gen 5 base

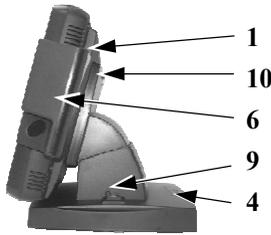


Gen 4 base

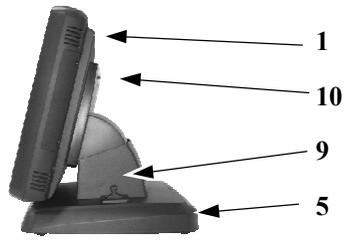


Gen 5 base

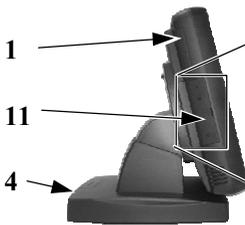
### Side Views



Gen 4 base



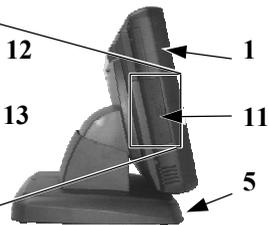
Gen 5 base



Gen 4 base

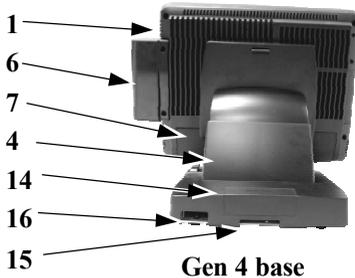


Inside touch open door

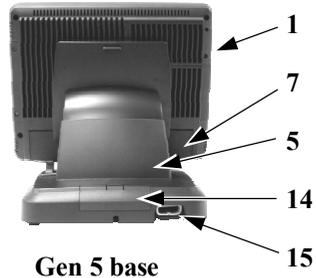


Gen 5 base

## Rear Views

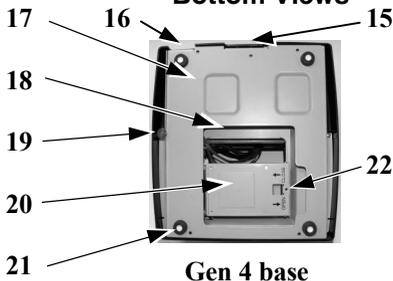


Gen 4 base

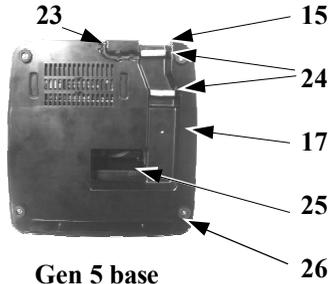


Gen 5 base

## Bottom Views



Gen 4 base



Gen 5 base

## PARTS IDENTIFICATION

1. Main unit
2. Touch panel / LCD panel
3. Power indicator
4. Gen 4 slim base stand
5. Gen 5 slim base stand
6. Optional side mount kit e.g. SD-400Z
7. Cable cover
8. Removal hollow in cable cover
9. Lock / release lever for tilt angle adjust
10. Lock / release button for main unit detach
11. Touch open cover
12. Power switch
13. Touch open door latch
14. Rear connect cover
15. Cable exit
16. 2<sup>nd</sup> Cable exit
17. Bottom plate
18. 2.5" HDD access window in Gen 4 base
19. Bottom plate fixing screw

20. 2.5" HDD bracket cover in Gen 4 base
21. Rubber foot
22. Gen 4 base 2.5" HDD bracket fixing screw
23. Base mount device cable groove
24. Cable holder
25. Cable passage in bottom plate
26. Rubber foot with bottom plate fixing screw

## PRODUCT FEATURES

### Standard Features:

- a) CPU: VIA C7 1.5 GHz
- b) Fan free structure with Aluminum die cast main unit casing for harsh environment
- c) Data storage device: SATA HDD 40 GB in main unit HDD cavity (default) or (option) CF memory card in main unit HDD cavity or (option) SATA HDD in base stand.
- d) Two types of advanced slim base design available. Both Gen 4 and Gen 5 types slim base support 2<sup>nd</sup> LCD display or pole mount customer display on rear base, storage room for 2.5" HDD in base. Also possible to be without base but wall mount bracket for wall mount application.
- e) Support WinCE, WinXP, WEPOS and Linux environment
- f) High quality 15" TFT active matrix LCD panel
- g) **Vertical type LCD panel with easy tilt** angle adjustment from 15° to 70°
- h) Durable resistive type touch panel that endures 35 million touches min. at same spot
- i) Spill proof water resistant structure allowing easy cleaning
- j) Easy maintenance construction
- k) Various I/O ports supported, including:
  1. 2 serial ports with capability for +5V/+12V DC support in form of DB9 male connectors
  2. one parallel port
  3. one CR port
  4. 4 standard USB ports
  5. one internal proprietary USB port for optional side mount kit (e.g. SD-400Z)
  6. one LAN port 10/100 base T Ethernet
  7. one external VGA monitor port
  8. one 4 pin lock type DC 12 V power input connector
  9. one "HDD PWR" port for power supply to SATA device
  10. one eSATA ports for Serial ATA HDD in base

- l) **Touch control functions:** left/right button, double click, drag & draw
- m) Dual display support (per OS capability)
- n) VGA memory size shared from system memory (16 ~ 64 MB)
- o) Support high performance **DDR2 SO-DIMM SDRAM** with maximum memory size **1GB in one module**
- p) Integrated structure for side mount upgrade kit like SD-400Z with software programmable MSR parameters for WEPOS or Win XP pro
- q) Built-in internal speaker with 2 W audio amplifier
- r) **Preconditioned power up function** – by alarm clock or COM port MODEM ring or LAN

### Option Items:

**Note:** The underlined items in the following list means that option must be set prior to shipment from the factory. The rest items can be set by the dealers.

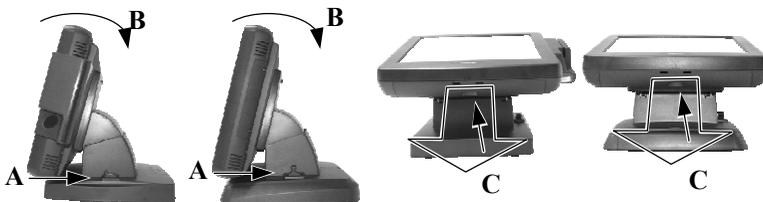
- a) DDR2 SDRAM memory expansion up to 1GB
- b) CF memory card reader in main unit or 2.5" SATA HDD in base
- c) Integrated side mount upgrade kit:
  - ✧ SD400Z: MSR, fingerprint reader
  - ✧ KP300: Programmable keypad, MSR, smart card reader and Audio ports (Mic. in / line out)
- d) Integrated base mount device choice among: PD2501 or PD2602 VFD pole display or 2<sup>nd</sup> LCD panel monitor 12.1" LM-6101 or 15" LM-6301
- e) Integrated rear mount upgrade kit PD-310 LCD customer display or PD-2604 VFD customer display
- f) Preload OS
- g) Wall mount kit: WB-6000VB, WB-6300, WB-6600
- h) Omni-direction bar code scanner kit SK-200

## INSTALLATION GUIDES

**CAUTION:** Before any installation or cable connection to the set, please always make certain that the system is turned off and the external power source to the set is removed to prevent electric hazard! Never touch any metal pin in the connectors or circuits to avoid high voltage hazard or electrostatic discharge damage unless the operator is well grounded. Failure to do the above will void the product warranty!

### OPENING CABLE COVER

Please follow steps A to C sequentially with reference to pictures below to remove the cable cover for both slim and universal base models.



**Step A:** Push lock/release lever for tilt angle adjust backward

**Step B:** Turn panel to most horizontal position

**Step C:** Pull at the removal hollow toward the user

### DISCONNECTING ALL CABLES

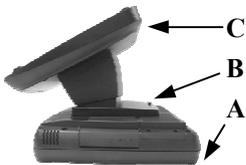
After removal of the cable cover, the connector area will be accessible then. Please **first note orientations of every existing cable connection** and then disconnect every cable properly before separating the main unit from the adjustable stand assembly. Please note that the click lock spring has to be pressed down prior to pulling out the connector such as the LAN port. Please also note that the fixing screws have to be loosened free prior to disconnection such as the COM ports or the LPT port. Please **always hold the connector head** instead of pulling on the cable wire when disconnecting any connector. Failure to do this could damage the cable and jack that is considered as an **artificial destruction**. **Damages due to incorrect disconnection operation are not covered by product warranty!**

## SEPARATING MAIN UNIT

In order to settle the touch terminal properly in a point of sale system, all the cable connections have to be routed through its base, either slim or universal. Therefore, please observe the procedures from A to C below to separate the main unit from both slim and universal base stand assembly after all cables in cable cover disconnected.



**Step A:** Prepare a soft clean flat surface, such as a piece of cloth on the desk to seat the front surface of main unit

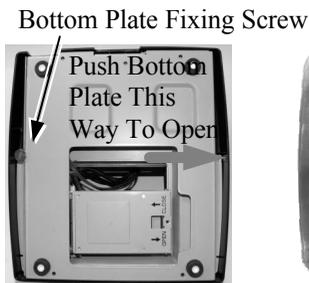


**Step B:** Press the Lock/Release button for main unit detach and meantime ...

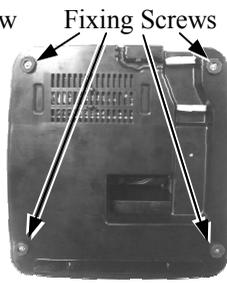
**Step C:** Slide the base stand assembly to left to separate the main unit from base stand

## OPENING STAND ASSEMBLY

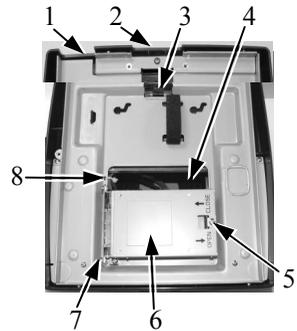
Take the adjustable stand assembly and turn it up side down to show the bottom of the base. Remove the bottom plate fixing screw and push the bottom plate aside to open as in left picture below for Gen 4 slim base and remove the bottom plate fixing screws in rubber feet to open the bottom plate as in the middle picture below for Gen 5 slim base.



**Gen 4 base bottom**

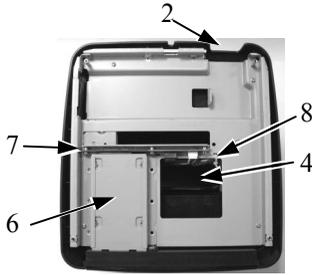


**Gen 5 base bottom**



**Inside Gen 4 base**

Take the bottom plate up and the inside of an example Gen 4 slim base model looks like this in the above right picture. The inside of an example Gen 5 base model will look like the picture on next page. Both with numbered items listed on next page. However, there could be some variation to the contents inside depending on what option items actually installed.



**Inside Gen 5 base**

- 1. 2<sup>nd</sup> Cable Exit
- 2. Cable Exit
- 3. Rear Connect Cover Hook Plate
- 4. Cable Passage To Main Unit For Desktop Mount Application
- 5. Option HDD Bracket Fixing Screw
- 6. Option HDD Bracket
- 7. Option HDD Conversion Board
- 8. Cable Tie for Option HDD Cables

### **CABLE PASSAGE FROM BOTTOM**

Please route all cables through the cable passage to main unit in desktop mount application. Hold them together with a cable tie. Do not cut the cable tie holding the cables for HDD kit in base if installed. Pass all cables other than those for HDD kit through the cable exit to external connections.

### **OPTION HDD KIT INSTALLED IN BASE**

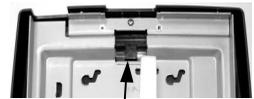
The option HDD kit in base shall be installed before delivery if ordered and is not appropriate for end user to install or to replace. The HDD kit for Gen 4 base is not applicable for Gen 5 base and vice versa. The HDD kit connects to the main unit through the eSATA port and the HDD power connector.

### **BASE MOUNT UPGRADE KIT**

On rear edge of the stand assembly for desktop mount application, there is a rear connect cover. Either a 2nd LCD display panel option LM-6101 or a LCD or VFD customer display option such as PD-305 or PD-306 or PD-2501 or PD-2602 can be installed here after removing this cover.

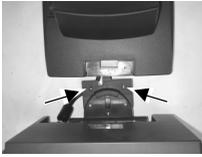


To remove the rear connect cover in Gen 4 slim base please refer to the inside view of the base unit at right and use a flat head screwdriver to pick the plastic hook plate of the rear connect cover from inside.



The rear connect cover of Gen 5 base can be removed easily by pushing the plastic hook plate at center of it from top side.

## 12" 2<sup>nd</sup> LCD Panel Or Customer Display



Fit the joint base of PD-306 or PD-2501 or PD-2602 or LM-6101 to the rear connect cover opening. Please route the interface cable through the normal cable exit (under the joint base) as in the 2 pictures. Fit 2 screws **through washers**



at the arrowed screw holes to hold the joint tight. For low profile customer display PD-305, the installation procedure is same. Remember to enable the +5 V DC supply in the COM port of the main unit for PD-2501, PD-2602 or PD-305 or PD-306 or the +12 V DC in VGA port for LM-6101. The power supply in the I/O port must be disabled if it is no longer to support these intended devices otherwise **any damage or loss caused consequently shall be out of product warranty!** However, if the customer display used is the USB interface model, the DC supply in COM port is not required, it will be powered through the USB port. Fit the interface cable into the base mount device cable groove under bottom plate if the base is Gen 5 base.

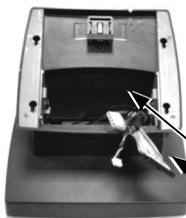
## 15" 2<sup>nd</sup> LCD Panel

A bracket kit including a steel interface bracket will be provided with the 15" 2<sup>nd</sup> LCD panel LM-6301. Please follow the accompanying installation guide to mount the interface bracket and fix it to the rear connect area of the system as in the right picture. Route the VGA through the cable exit of the base stand to the main unit. Fit the VGA cable into the base mount device cable groove under bottom plate if the base is Gen 5 base. Connect the attached power adaptor for its power source.

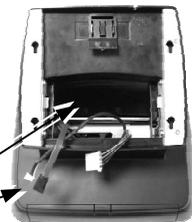


## ROUTING THE CABLES THROUGH BASE

Place all the cables required for connections to the main unit except those for the integrated attachment through the front part inside the base stand assembly. Be sure not to damage any cable during this operation.



Route Cables through Front Part  
Connect this End to Main Unit



Now, turn the adjustable base stand assembly back to normal orientation and arrange all cables to come out of the area for mounting main unit from the bottom edge for ease of later operation.

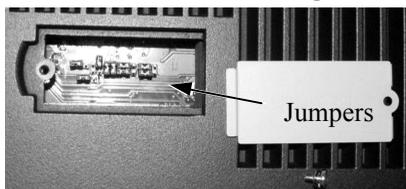
## FRONT COVER OF GEN 5 BASE

Please note that the front cover on Gen 5 base is designed for easy maintenance of the option HDD in base and is not for end user application. **Please leave it closed.**

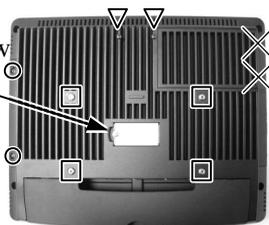


## PREPARING THE MAIN UNIT

On the back of the main unit, there is a service window among the 4 matching pegs marked in square below. Remove the service window lock screw to find several jumpers. The jumpers in this window are designated mainly for VGA port and COM port power supply functions. Please consult your dealer for technical support on setup of these jumpers. Please note that only those qualified technicians may adjust in the service window with information from Posiflex and the contents in the service window may change without notice as time develops.



Service Window  
Lock Screw



Please note the 2 crosses on upper right of the back cover that indicates the 2 screws holding the cover of HDD cavity where the DDR2 SODIMM and the default SATA HDD or the option CF card reader are sited. Please leave them alone since they are only for qualified service person to handle.

## SIDE MOUNT UPGRADE KIT

Remove the 2 circled screws in last picture above to remove the cover for side mount upgrade kit. Take out the cable inside this cover as circled in right picture and connect it to connector inside the side mount upgrade kit like SD400Z as arrowed in same picture. Gently arrange the excessive length of this cable back in the hole and screw-fit it back to the position originally occupied by the cover. Please reserve the cover if there is chance to have the side mount kit removed in the future.

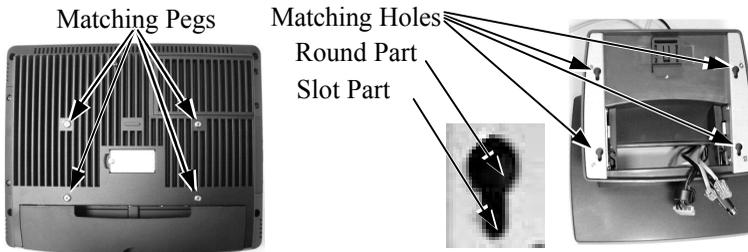


## REAR TOP MOUNT UPGRADE KIT

Please note the 2 small shoulder screws pointed by triangle in the right picture for mounting the rear top mount upgrade kit like PD-310 or PD-2604 if to be later installed. Turn these screws counterclockwise by 1 turn to loosen a little bit don't release it. It would prove difficult to reinstall these screws if removed. Arrange the interface cable of the rear top mount upgrade kit to go into **the first groove to the right of the left shoulder screw** on back of main unit as in the picture. Hook the rear bracket of the upgrade kit onto the shoulder screws. Slide down the upgrade kit and gently tighten the shoulder screws. **Do not overdo the tightening or unrecoverable thread damage will occur.** Remember to enable the +5 V DC supply in the COM port of the main unit for the upgrade kit if the serial interface model is used. The power supply in the I/O port must be disabled if it is no longer to support these intended devices otherwise **any damage or loss caused consequently shall be out of product warranty!** However, if the customer display used is the USB interface model, the DC supply in COM port is not required, it will be powered through the USB port.



## DESKTOP MOUNTING



Match the matching pegs on the back of the main unit against the matching holes on the base stand assembly. First aim the matching pegs toward the upper round part of the hole and make sure that all pegs are inside the holes. Then slide the main unit down to move the pegs into the lower slot part of the holes till it clicks. Note that all the cables come out of the stand from the lower edge and won't get trapped by this mounting operation. If later on you want to remove the main unit from the stand, you'll have to press down the lock/release button on back of the stand at the time lifting the



main unit.

For desk top/counter application, the total dimension of Gen 4 slim base KS-6215PLUS occupies a space of 378 mm wide, 297 to 308 mm deep and 283 to 359 mm high per main unit tilt angle. The Gen 5 base KS-6215PLUS takes a space of 378 mm wide, 304 to 312 mm deep and 284 to 359 mm high.

## WALL MOUNTING

The wall mount model is delivered without any base but with a wall mount kit. Please follow the installation guide that comes with the wall mount bracket to fix the wall mount bracket on wall and then hang the main unit with the matching pegs into the matching holes on wall mount bracket.

Please note that since there is no base for the wall mount model there can be no base installed device nor base mount kit. Consequently, the mass storage device for KS-6215PLUS in wall mount application has to be either the standard 2.5" SATA HDD or the option CF card reader in HDD cavity of the main unit unless the remote boot system is applied.

The area required for wall mount application is determined by the main unit dimensions and is 378 mm in width and 312 mm in height.

## UPGRADE WALL MOUNT KIT

There is an upgrade wall mount kit coded as SK-200 that supports an omni-directional Laser bar code scanner as a derivation from the basic wall mount bracket WB-6000VB. With this kit, the Laser scanner is installed under the KS system. Please follow the instructions that come with this kit to install and to utilize it.

## CONNECTING CABLES

To re-assemble the main unit with base stand assembly for operation, please connect all required cables to the appropriate connectors. Please make sure that each connector is connected to the correct port with the correct orientation. **Damages due to incorrect connection or orientation are not covered by product warranty!**

Some connectors like the LAN and CR connector or the eSATA connector of the optional HDD kit in base have to be gently inserted until a click is heard. It is recommended that connectors such as the external VGA and LPT connector be screwed into place once seated. Please be careful not to loosen the optional eSATA connection even if it is already clicked in.

Adjust the slack of each cable and close the cable cover. Re-adjust the tilt angle of the screen for best viewing.

Connect the cables to appropriate external devices through the cable exit at the bottom of stand assembly. Please make sure that each connector has

to be connected to the right device in the right way.

**CAUTION: On doing any insertion or extraction of any connector, please always hold the connector head itself instead of pulling on the cable wire. Failure to do this could damage the cable and jack that is considered as an artificial destruction and is not covered by the warranty.**

## **OPERATING SYSTEM RECOVERY**

For KS systems with operating system in the CF card, once the CF card is damaged for any reason, the thin client may fail to boot. **A bootable new CF card will be required to have the workstation back to work.** Please follow instructions given by the System Integrator to deal with situations like that. One more advice for CF application is that in spite of the fact that it is used in the way like an ordinary HDD, usual utilities such as **FDISK.EXE** or **FORMAT.COM** shall never be used on CF card otherwise the boot sector of operating system itself may be damaged and causing the CF card no longer bootable.

For KS systems preloaded with Windows XP Pro or WEPOS on HDD, Posiflex provides recovery DVD delivered with the touch terminal for the preloaded operating system. The System Integrator shall take care of software restoration after OS recovered. A Posiflex supplied USB interface COMBO drive will be required for such action. Other brand CDROM drive may require its specific driver different from what supported in the recovery DVD.

**Please use the recovery DVD in rescue operation only. Using it otherwise may wipe out whatever stored in the HDD!** All upgrade devices drivers needed for manual installation in usual way are available in the subfolder “\drivers” in OS recovered HDD and the latest versions of these required drivers will be available on our web: <http://www.posiflex.com.tw>. Then follow instructions from your system integrator for software recovery.

## **OPERATING SYSTEM INSTALLATION**

This product is a highly professionalized equipment. The installation of an OS into a machine without any preloaded OS could constitute major difficulty for average user or obstacle by possibly unintentional negligence even for PC veterans to accomplish such a task. Therefore, OS installation into a system without preloaded OS is highly discouraged. Posiflex Technologies, Inc. shall not be responsible for any technical support to questions arisen due to non-preloaded OS.

# USING THE TOUCH TERMINAL

## APPLICATION ENVIRONMENT

It is **very** important that you check the following operational guidelines:

### Ventilation

This terminal must **NOT** be operated in an environment with restricted ventilation. There must be at least 25 mm air clearance around any top or side ventilation holes with a free flow of air around the unit at **ALL** times for the installation.

### Operating Environment

The equipment must not be operated or stored in extremes of both temperature and humidity/moisture. (Operating range 5°C to 40°C and up to 80% humidity – non condensing, max. wet bulb 26°C)

### Power Supply

The operating voltage range of the power adaptor should cover the local power supply for proper operation. The power cable, the power outlet and any power fusing arrangements must conform to local safety regulations.

Please **never do any connection / disconnection** when system is still powered on. **Please always keep the external power adaptor in a free air circulation.**

## POWER ON/OFF

### Touch Open Cover

A gentle tap on the touch open cover at left side of the main unit will open the cover and show the power switch at top area. It is preferable to keep this door closed through daily operation.



There must always be at least 10 seconds waiting before switching on again once the system is powered off successfully.

### Power Indicator



The power status of the system is indicated by the LED in the logo area. When the LED lights in yellow, the AC power is standby for the system to turn on. The LED turns to blue when the system is powered on.

## **Hardware Power Switch**

The power switch located in the touch open cover of the main unit is a tactile pushbutton switch. This switch controls the power on/off of the system. This switch turns the system on when pushed only when external power is present. This switch turns the system off when pushed again during power on status. However, if the system hangs due to any reason such as software resource conflict a simple push on the switch may fail to turn off the power. In this case, please utilize the **forced power off feature** by pressing the switch and holding for within 10 seconds. In case the turmoil is so vigorous that some hardware registers may be confused causing trouble for system restart or even this forced power off, please disconnect the AC power supply for few minutes. This may allow all hardware registers to reset.

## **Automatic Power On Control**

The system may also turn on according to some preset conditions such as Modem Ring Up and Alarm Clock Wake Up or LAN Wake Up.

To utilize Modem Ring Up or Alarm Clock Wake Up function, the user should enter the CMOS setup by pressing “Del” key at system boot up, choose for “PM Wake Up Events” in “Power Management Setup” and make the “Ring Power Up Control” enabled for Modem Ring Up or select the “Power Up by Alarm” for Alarm Clock Wake Up. Save the configuration and exit the CMOS setup program. The Preset Power On Control will then be ready. For LAN wakeup, an operating caller system connected through LAN to the system is required. It also requires a qualified networking technician to check the LAN chip ID of the system for the caller system to wake up.

When the KS system is turned off after a successful boot up, the preset automatic power on functions will keep monitoring for the preset conditions and turn on the system when the preset conditions are met.

Please note that if the KS system is improperly turned off before a complete boot up procedure, the above preset power on control functions will be disabled until next turning off after a complete boot up.

## **DISPLAY ISSUES**

### **Main LCD Display**

For best viewing result please set your display resolution at 1024 x 768 with high color.

In configuration of system memory, max. 64 MB can be shared as the video memory.

## VGA Port

The VGA port in the KS-6215PLUS system supports either a base mount 2<sup>nd</sup> display or a separately connected LCD monitor or touch monitor. To support the DC power to the 2<sup>nd</sup> display LM-6101, have a qualified technician to set an internal jumper in KS main unit to supply the required power through the VGA connector according to Posiflex technical information. **Do not connect other monitor to this port before the power in this port is disabled.**

## CUSTOMER DISPLAY

Please follow the instructions on the manual that comes along with the customer display PD-2501 or PD-2602 when it is installed.

## SERIAL PORTS – COM1/2

In KS-6215PLUS system, there are 2 serial ports in form of DB 9 pin male connectors available. Both serial ports can supply a +5 V DC through pin 9 or a +12 V DC through pin 1 after proper jumper setting change. Both ports are set to standard RS232 serial ports as status at delivery. For some specific application to use the power support please have a qualified technician to set an internal jumper in KS main unit to supply the required power through the COM port connector according to Posiflex technical information. **However, do not connect any other device to this port before the power in this port is disabled.**

When a serial Modem is to be used in KS system, it is most recommended to use COM2 port for this purpose to eliminate possible hardware resource conflict with the cash drawer open sense if connected. For models using RS232 interface touch control such as the Infra Red type touch, COM2 is occupied and covered. Please **never try to open the cover.** Otherwise the product warranty is voided.

## SOUND PORTS

The audio port in KS system is arranged to have an internal audio speaker with maximum audio power of 2 W at lower left corner of the main unit but no direct access port in the main unit. The external access to audio ports can be found in the side mount option kit like KP-300 with a Microphone in and a stereo line out jacks at its bottom surface as circled in the right picture. The internal speaker will be automatically disconnected when a plug is inserted in the line output jack. However, please note that the KP-300 has a glossy front surface while the KS-6215PLUS a textured front surface as standard.



## CF CARD

If the CF card reader is installed and the CF card is used for system data storage device, it is recognized by the system as the IDE channel 0 Master device. Please note that usual utilities such as **FDISK.EXE** or **FORMAT.COM** **must never be used on CF card or permanent damage can occur**. If this option is installed, the standard SATA HDD in main unit is not applicable.

## HDD & SATA PORTS

The 2.5" HDD in the main unit is connected to the system through internal Serial ATA (SATA) port. The HDD in the base unit if installed is connected to the system through external SATA (eSATA) port. Both are set to IDE mode for data transfer. The internal SATA HDD will be detected as "Ch. 3 M." and the HDD connected to the eSATA port will be detected as "Ch. 2 M." in "Advanced BIOS Features" → "Hard Disk Boot Priority" of BIOS setup. Both IDE or SATA controller can be set to "Disabled" in "Integrated Peripherals" → "VIA OnChip IDE Device" of BIOS setup when required.

## TOUCH PANEL

All paragraphs below are applicable for models with touch panel only. The user of those models without touch panel can ignore them and consider this user's manual ends here.

### Mouse Emulation

The touch panel in KS-6215PLUS system uses internal USB interface as standard and occupies no external port. Only the optional InfraRed type touch panel of KS-6215PLUS uses RS232 interface and occupies COM2 port. When the touch driver is properly installed, this touch panel works exactly like a standard mouse for each interface. However, if the system is running under safe mode, the touch panel calibration may become unsatisfactory due to disabled drivers. It is recommended to use a standard USB mouse or keyboard in this mode.

All the below mentioned mouse emulation functions can be manipulated through relevant software. The system can give a beep and a click on the left button of a mouse at the point when the touch panel is touched. If the point touched is dragged across the screen surface, it works as the mouse drag and drop feature. If the point is touched, released and touched within a short time interval, it is double-clicking left button of the mouse. To obtain the effect like clicking on the right button of a mouse, touching any point on the screen surface after touching the right-click sticky button results as a click on the right button of the mouse at that point.

## **Posiflex USB Touch Manager**

A program named “Posiflex USB Touch Manager” and a right-click sticky button tool in the program group “Posiflex USB Touch Tools” is installed in the preloaded Windows system with a USB interface touch panel controller. This program can also be obtained by download from the POSIFLEX web site.

**POSIFLEX** 

**警告使用者** T31454  
這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

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