

Verifone[®]

KX600

Installation Guide



KX600 Installation Guide
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Product Warranty:

For product warranty information, go to <http://www.verifone.com/terms>.

Comments? Please e-mail all comments on this document to your local Verifone Support Team.

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This guide is the primary source of information for setting up and installing the KX600 device.

Audience

This guide describes the unit's features and provides basic information for its installation and configuration.

Organization

This guide is organized as follows:

[Chapter 1, Device Overview](#). Provides an overview of the KX600.

[Chapter 2, Specifications](#). Discusses the power requirements and dimensions of the device.

[Chapter 3, Setup](#). Explains setup and installation of the device, selecting a location and establishing connections with other devices.

[Chapter 4, Maintenance and Cleaning](#). Explains the maintenance of the device.

[Chapter 5, Verifone Service and Support](#). Provides information on contacting your Verifone service provider and information on how to order accessories or documentation from Verifone.

[Chapter 6, Troubleshooting Guidelines](#). Provides troubleshooting guidelines should you encounter a problem with unit installation and configuration.

[Appendix A, KX600 Caution and Warning Messages](#). Shows the UL/cUL Listing compliant translations of all Warning and Caution messages in this installation guide.

Related Documentation

To learn more about the KX600, refer to the following set of documents and their associated Verifone Part Numbers (VPNs).

KX600 Certifications and Regulations Sheet VPN DOC501-001-EN

KX600 Quick Installation Guide VPN DOC501-002-EN




Conventions and Acronyms

This section describes the conventions and acronyms used in this guide.

Document Conventions

Various conventions are used to help you quickly identify special formatting. Table 1 describes these conventions and provides examples of their use.

Table 1 Document Conventions

Convention	Meaning	Example
Blue	Text in blue indicates terms that are cross referenced.	See Conventions and Acronyms .
NOTE 	The pencil icon is used to highlight important information.	If exchanging cables use a Verifone-approved cable.
CAUTION 	The caution symbol indicates possible hardware or software failure, or loss of data.	Avoid placing metallic objects at the front of the card reader.
WARNING 	The lightning symbol is used as a warning when bodily injury might occur.	For safety, do not string cables or cords across a walkway.

Acronym Definitions

Various acronyms are used in place of full definition. Table 2 presents acronyms and their definitions.

Table 2 Acronym Definitions

Acronym	Definitions
CTLS	Contactless
EMV	Europay, MasterCard and Visa
IC	Integrated Circuit
LED	Light-Emitting Diode
MRA	Merchandise Return Authorization
NFC	Near Field Communication
RF	Radio Frequency
RJ45	Registered Jack 45 modular connector
Single CI	Single Contactless Interface
SMA	SubMiniature version A connector



Device Overview

The KX600 is a kiosk solution perfect for drive-through digital experience. For the first time, providing the innovative digital experience. The KX600 kiosk solution enables contact and contactless payments in drive-through environments by using a fixed contactless reader all while not leaving the comfort of the car and paying through a drive-through window.

This versatile, self-service solution provides secure and reliable transactions for vending machines, public transport and other unattended, high-transaction volume environments. The KX600 is designed to fit in the smallest environment to meet highest customer expectation.

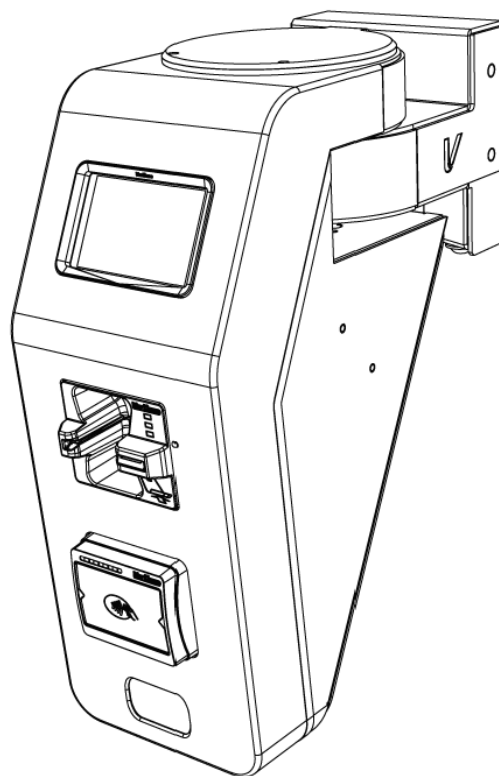


Figure 1- KX600 Unit

Features and Benefits

Following are the features and benefits:

Exceptional Ease of Use

The following features of the device simplifies transactions in various environments:

- Designed for outdoor use. It is designed ruggedized, weatherproof, to withstand the harshest conditions from the extreme winter environment to the extreme desert climate.
- Weatherproof enclosure provides top-level protection against dust, liquids and other harmful substances.
- Tamper-resistant and anti-vandalism enclosure.
- Various connectivity options integrated into device to conveniently suit unattended environments.
- Quick and easy to use.
- 3.5" color display for unlimited application possibilities and easy readability under various lighting conditions.
- CTLS logo placement on device for optimized user experience.
- Bright LEDs to display card transaction progress.
- Buzzer for audio confirmation of card transactions.

Performance and Durability

- Powerful 400 MHz, ARM11 32-bit RISC processor completes the transactions quickly.
- The USB connection to the POS terminal for Bar Code Scanner.
- Ethernet connectivity to the payment controller and display.
- 384 MB memory (256 MB Flash, 128 MB SDRAM)

Security

- PCI PED 5.x approved for debit transactions
- Tamper-resistant construction, SSL protocols
- Direct key injection using industry standard HSMs
- VeriShield Retain
- VeriShield Remote Key
- Verifone Secure Data
- VeriShield Total Protect
- MasterCard TQM
- IPP8 functionality plus multiple DUKPT engines
- EMV L1 and L2
- ISO7816-3, ISO7816-10 and EMV 4.3 standards

Connectivity

- USB Cable
- 2 Ethernet Cables
- Power Cable
- Ground Cable

Contactless Capabilities

The device includes the following contactless capabilities:

- Verifone's advanced contactless architecture that future-proofs investment with a single contactless interface (SingleCI), SoftSAMs and side-by-side application architecture.
- Dedicated tap zone for optimized user experience.
- Accepts EMV, NFC, QR Code and mag-stripe contactless payments as well as PIN-based transactions.
- Supports contactless cards as well as NFC phones, supporting the following protocols:
 - ISO 14443 A&B
 - MiFare (MiFare +/- DESfire)
 - ISO 18092 Active Communications (NFC - peer-to-peer mode)
 - PayPass
 - payWave
 - AMEX Expresspay

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Specifications

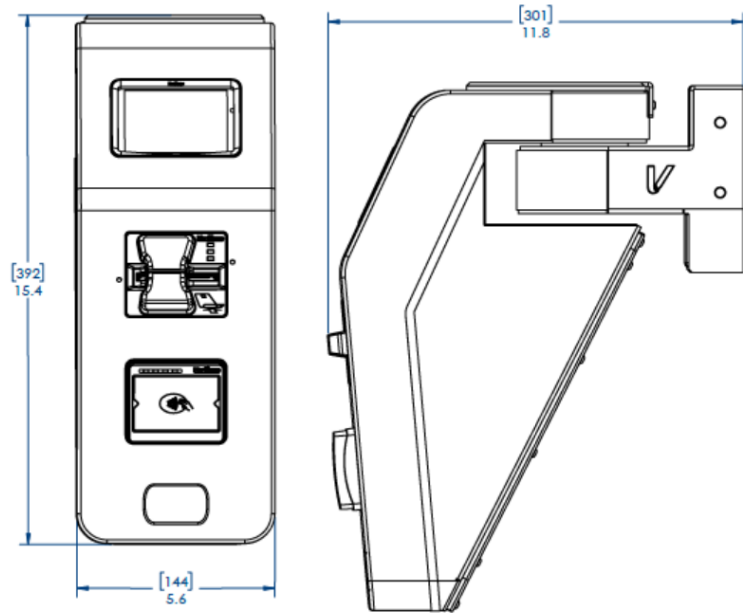
KX600 **Specifications**

This chapter lists the power requirements and other specifications of the KX600 unit.

PROCESSOR	400 MHz, ARM11 32-bit RISC
MEMORY	384 MB (256 MB Flash, 128 MB SDRAM)
OS	Embedded Linux with Verifone security enhancements
DISPLAY	3.5" (480 X 320) color display
POWER SUPPLY	12V DC - 24V DC
CARD READER	Triple track MSR EMV L1- L2 approved smart card ISO NFC/CTLS 3 Control LEDs Buzzer Real-time clock
CONTACTLESS	Illuminated contactless logo with dual tone buzzer 4 LEDs NFC/CTLS
CONNECTIVITY	USB for Barcode scanner
PAYMENTS	Accepts mobile wallets and NCF enabled cards SCR CTLS QR Code
SECURITY	PCI PTS 5.X-approved SRED Supports AES DUKPT
SAM	3 Standard SAM slots
ENVIROMNMENT	Operating temperature: -30°C to 70°C (-22° to 158°F) Storage temperature: -30°C to 80°C (-22° to 176°F) Relative humidity: 5% to 90%

SPECIFICATIONS

KX600 Specifications





Setup

This chapter describes the setup procedure for the KX600 unit in the following sections:

- [KX600 Installation Safety Instructions](#)
- [Inside the Shipping Carton](#)
- [Installing KX600](#)
- [Connecting Cables](#)
- [Smart Card Reader](#)
- [Contactless Transactions](#)

KX600 Installation Safety Instructions

Do not attempt to install this product until all the instructions and warnings have been read and properly understood.

- 1 Please check carefully to make sure there are no missing or defective parts - defective parts must never be used.
- 2 Verifone is not liable or responsible for damage or injury caused by improper installation, improper use or failure to observe these safety instructions. In such cases warranty might get void.

Product location

- 1 Please ensure to install KX600 unit on a suitable wall.
- 2 If you install this product on drywall then it must be securely fixed to a wooden stud, concrete block or any other permanent structure behind the drywall board. Installing on drywall boards alone will not support the weight of KX600 equipment.
- 3 When drilling holes in walls it is essential to avoid contact with electrical cables and water or gas pipes contained within. Use of good quality live wire detector and hidden object locator is recommended.

Fixing hardware

- 1 It is highly recommended that all wall fixing screws are appropriate.
- 2 If any fixing screws or included hardware are deemed not sufficient for a safe installation, then please consult a professional or your local hardware store.

Hazard limitation

It is recommended to periodically inspect the product and its fixing points to ensure that the safety is maintained.

LCD

The response time, brightness and colors of KX600 unit may be affected by the ambient temperature.

- 1 Tiny spots (dark or luminescent) may appear on the display due to the liquid crystal characteristics.
- 2 There are variations in brightness and colors on each unit.
- 3 Cold cathode tubes are incorporated into the LCD display for backlights. Optical properties (brightness, irregular colors, etc.) may change in a low temperature environment or over the time of operation.

Periodic Inspection Periodically inspect the terminal for possible tampering. Signs of tampering include:

- Wires protruding out of the device.
- Foreign objects inserted into the smart card slot or magnetic stripe slot.
- Any bumps in the casing below the mag stripe slot and any noticeable additional mag stripe head from the side.
- Signs of damage to the tamper-evident labels.
- A Tamper Warning message on the device display.
- If any device is found to have been tampered with, please remove it from the service immediately. Keep it available for potential forensics investigation and notify your company security officer and your local Verifone representative or service provider. To contact Verifone, please see [Verifone Service and Support](#).

Inside the Shipping Carton

Open the shipping carton and carefully inspect its contents for possible tampering or shipping damage. The device is a secure product. Tampering causes it to cease to function or to operate in an unsecured manner.

To unpack the shipping carton

To unpack the shipping carton:

- 1 Carefully inspect the shipping carton and its contents for possible tampering or damage.
- 2 Validate the authenticity of the sender by verifying the shipping tracking number and other information located on the product order paperwork.
- 3 Remove and inspect the contents of the shipping carton. The device ships in multiple configurations. The carton may include all or any of the following:
 - Device
 - Bracket
 - Hardware Kit:
 - 3x: #6-32 X 3/8 Button Head Torx Screw (T15)
 - 3x: #6-32 X 3/8 Flat Head Torx Screw (T15)
 - 3x: 5/16-18 X 3/4 Button Head Torx Screw (T40)
 - 3x: 5/16 Flat Washer
 - 1x: Tamper Resistant Bit (T10)
 - 1x: Tamper Resistant Bit (T40)
- 4 Remove all plastic wrapping from the device and components.
- 5 Remove the clear protective film from the display.
- 6 Inspect the terminal for possible tampering; see how to identify signs of tampering in section Periodic Inspection.
- 7 Save the shipping carton and packing material for future repacking or moving of the device.

WARNING

Do not use a tampered or a damaged unit. The device comes equipped with tamper-evident labels. If a label or component appears damaged, please notify the shipping company and your Verifone service provider immediately.

SETUP

Inside the Shipping Carton

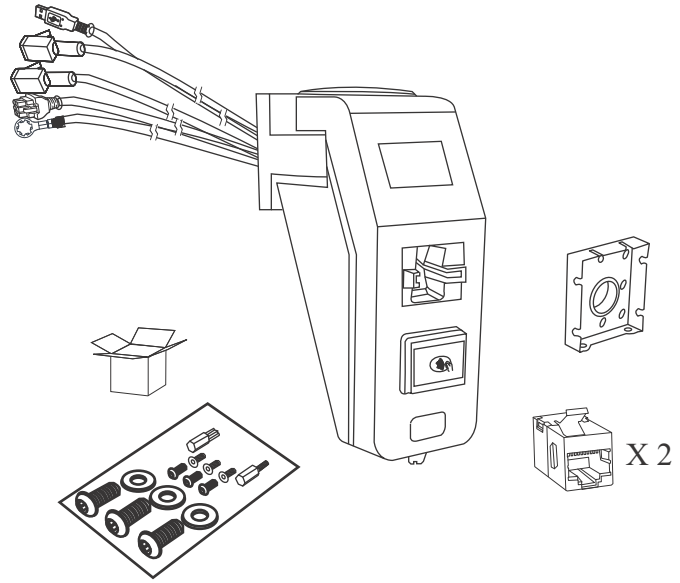
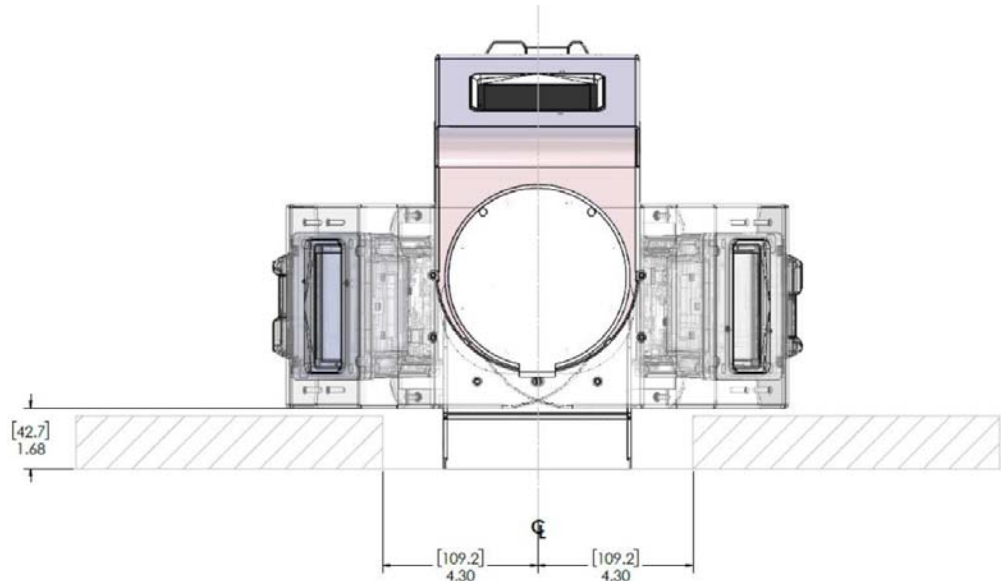


Figure 2- KX600 Unit

Installing KX600 Recommended lateral placement of the KX6xx unit

- 1 The recommended placement of the KX6xx device should be approximately 4.30" (109mm) from center of the device to the edge of window frame; any protruding objects from the wall beyond 1.5" (38mm) may obstruct the full rotation of the device but will not impact overall function.



- 2 If the curb distance from the wall is < 11.5" (292mm) then it is recommended to reduce the depth of the installation into the wall to maintain the recommended distance.
- 3 Based on the direction of the traffic flow, it is recommended to install a bollard, a concrete pole to protect the device from accidental impacts from vehicles.



The material and the process used to install the device are at the site owner's discretion.

Following are the steps to install KX600 kiosk unit.

- 1 Identify the wall where you want to mount the KX600 kiosk. Ensure there is enough space so that the device can freely move till ± 90 degree.

- 2 Mark 49.8" (1265mm) from the ground level for the conduit access hole.

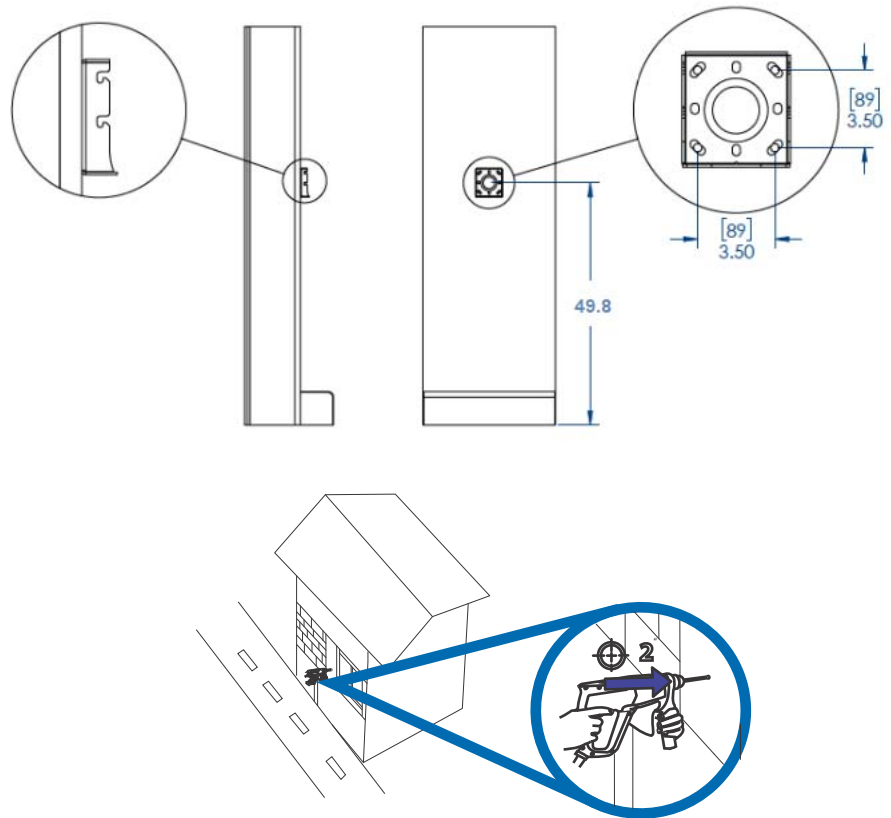


Figure 3- Drilling Conduit Access Hole

- 3 Drill the conduit access hole on the wall using a 2" to 2-3/4" hole saw.
- 4 Ensure anchors do not protrude more than 0.500" (12.7mm) from substrate.
- 5 Using the wall mounting bracket mark drill the 4 anchor positions at 3.5" spacing. Install 1/4" anchors (4x) or equivalent.

NOTE



- The anchor type and installation method are site specific. Ensure to install anchors as per manufacturer's instructions. Ensure to use stainless anchors for all outdoor installations.
- Prior to drilling any holes, ensure that the inside wall is clear of cables.
- While drilling and mounting the device, ensure that the consumable food items are kept away from the installation area.

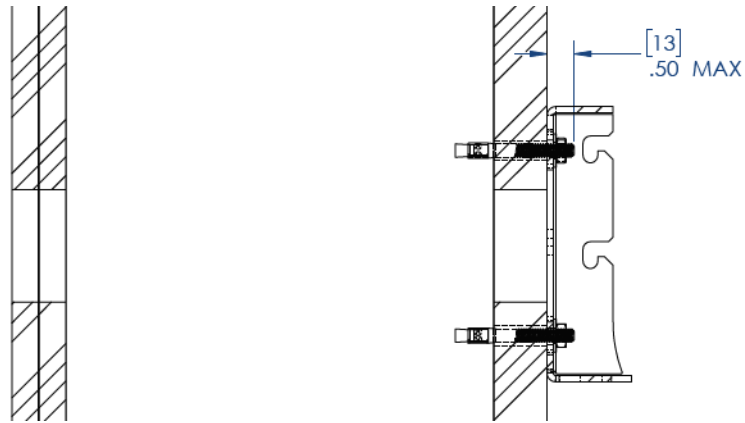
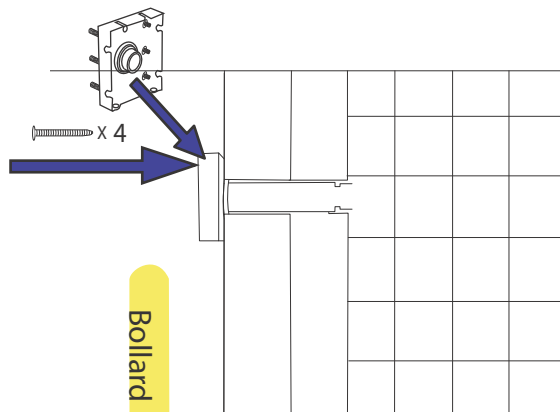


Figure 4 - Drilling a Hole Using Wall Mounting Bracket

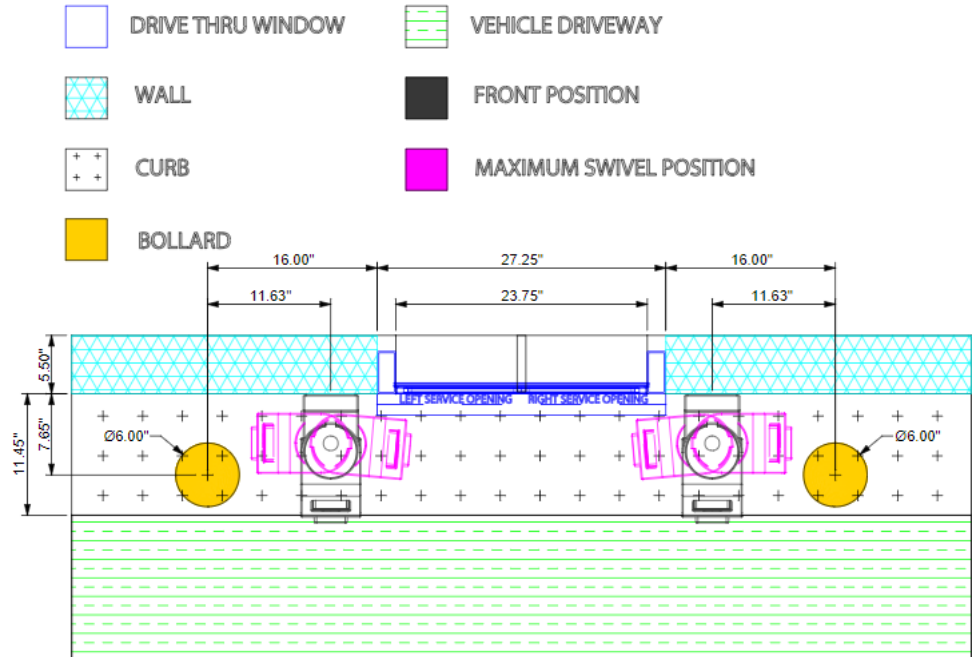


Ensure that the anchors do not protrude more than 0.5".

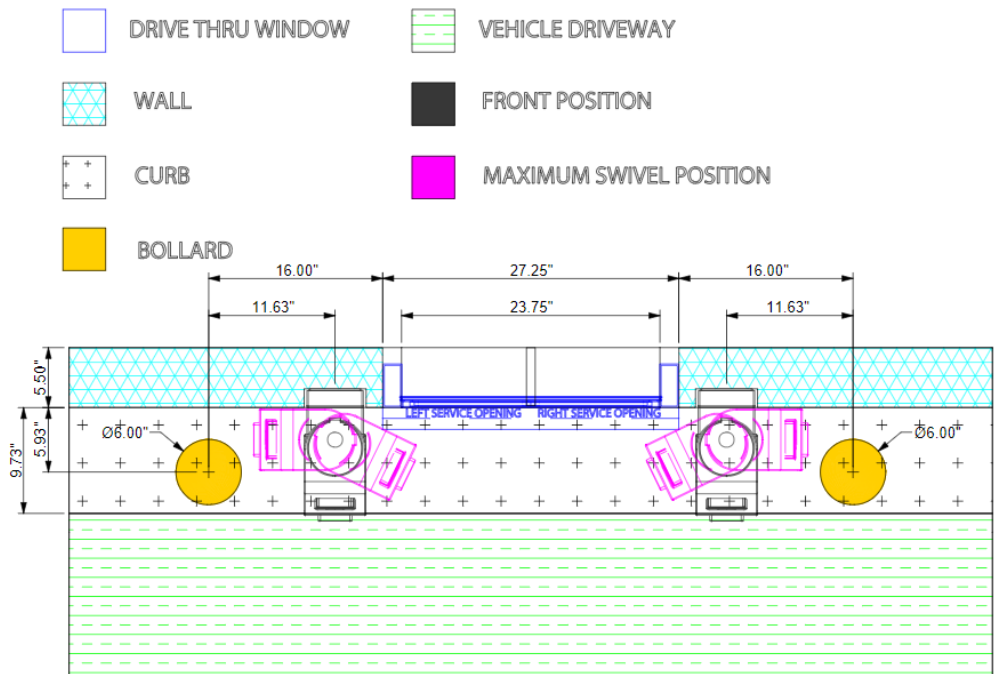
- 6 Fix the wall mount plate.
 - Ensure the bracket is at the correct level.
 - Torque anchors as per manufacturer's recommendations.



SCENARIO 1: FLUSH MOUNT



SCENARIO 2: FRAME-IN MOUNT (REDUCED DEPTH)





NOTE Ensure to install a bollard prior to mounting the device. This will help to regulate the traffic getting too close to the curb and prevents the vehicle from hitting the installed KX600 device.

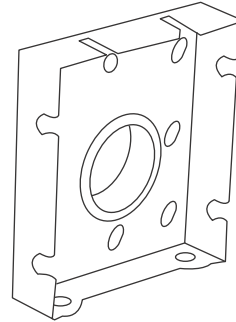


Figure 5- Fixing a Wall Mount Plate

- 1 Measure the distance from the inside wall to the outside wall and cut 1-1/2" to 1-3/4" conduit to length adding approximately 1/4" to the overall length to accommodate for a slight protrusion to the outside wall.
- 2 Seal the outside conduit and substrate using silicone or equivalent; based on the wall and conduit materials in the installation.



NOTE Installation materials are location specific. It is recommended to use rigid aluminum conduit.

- 3 Ensure that the conduit is flushed on the inside wall and over-flushed on the outside wall.

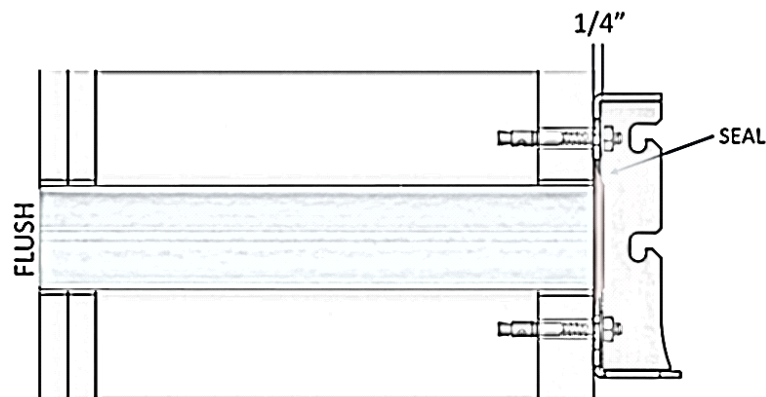


Figure 6- Placing the Conduit

- 4 Seal around the enclosure wall bracket after mounting it on the wall.



If sealing is done around the bracket, then ensure the sealing material does not extend beyond .125" (3.2mm) from substrate

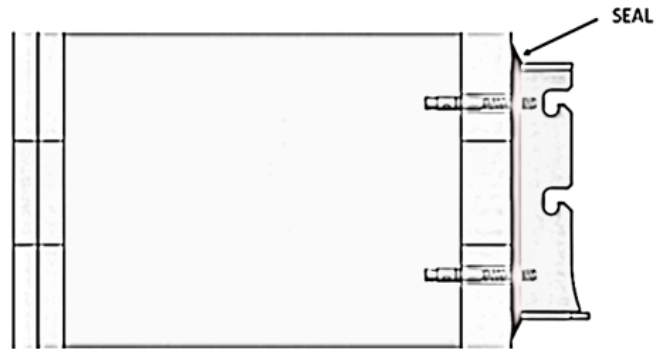


Figure 7 - Sealing the Conduit

- 5 Pre-cut 1" conduit to the wall thickness length plus any additional required protrusion based on the material used.



1" NPS Female thread is located 1.6" from substrate at 2.0" in length. Ensure there is enough length to fasten into the enclosure with enough inside wall penetration based on the desired junction box.

- 6 Threaded conduit or conduit fittings may be used to connect the device. (1" NPS)

- 7 If the conduit fittings are used, ensure that there are no obstructions within the enclosure after fastening into position.

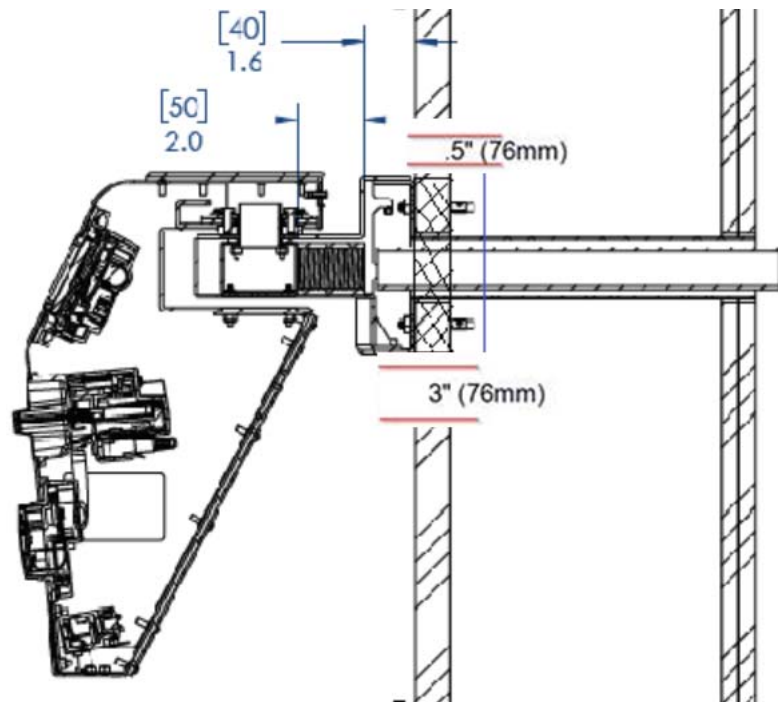


Figure 8- Placing the Device



NOTE

- The recessed opening should accommodate a minimum of 3" (76mm) of open space below the wall mount to remove the 2 screws using the "L" key.
- In addition to the 3" "recessed" opening and .500 (13mm) of spacing above the wall mount to allow the device to be slightly lifted then dropped onto the mounting plate.

- 8 Run the cabling from the enclosure through the 1" conduit and fasten the conduit into the junction within the device.

- 9 Slide the device with the pre-installed 1" conduit through the conduit access hole in the wall.

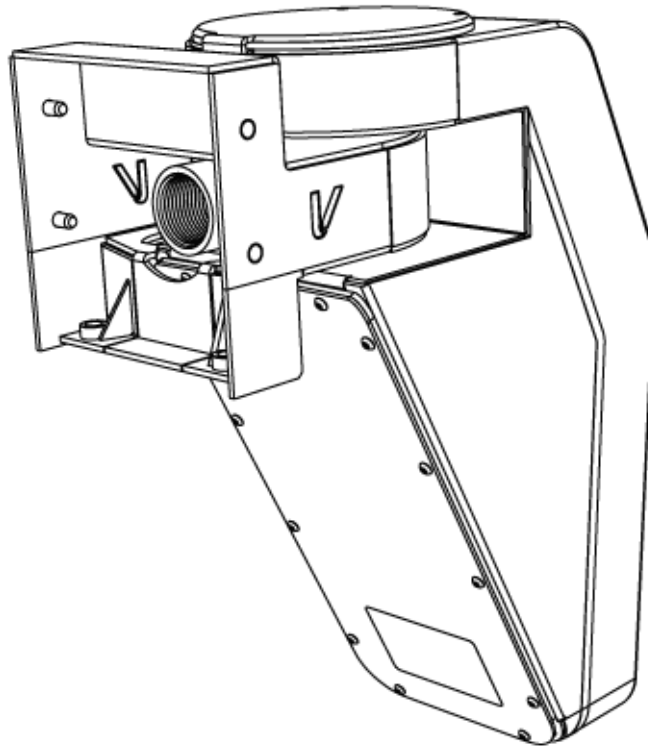


Figure 9- Sliding the Device



Ensure cables are fully protected prior to inserting through the wall.

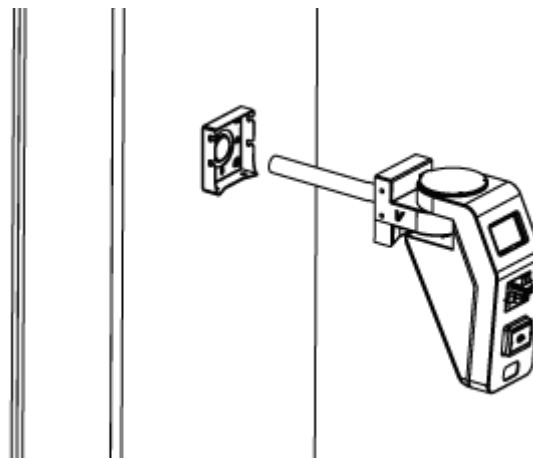


Figure 10- Placing the Device

- 10 Align the device pins with the slots on the wall bracket and place it securely.

11 Fasten the 2-3/8" bolts using #T40 tamper resistant torx bit.

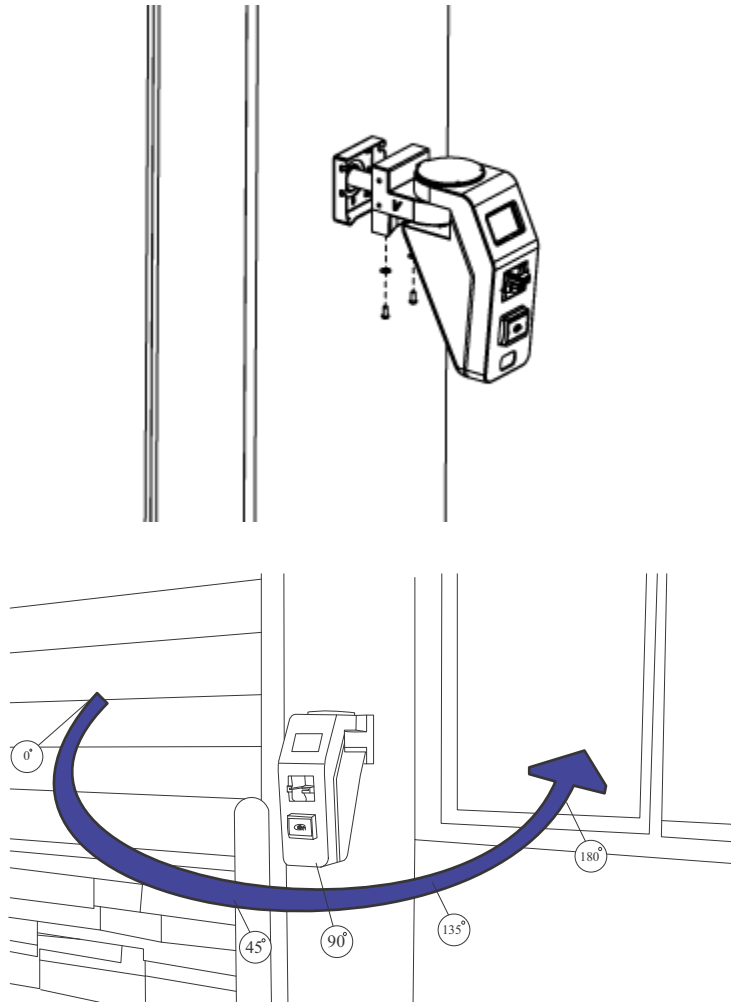


Figure 11- KX600 Device Wall Mounted

Connecting Cables

The KX600 kiosk unit's rear panel has cables connecting the power supply, network, ground and the POS.

- A Ground cable.
- B Power cable is to connect the power supply of the device.
- C Ethernet cables to connect the Ethernet ports of the device.
- D USB cable is to connect the POS device.

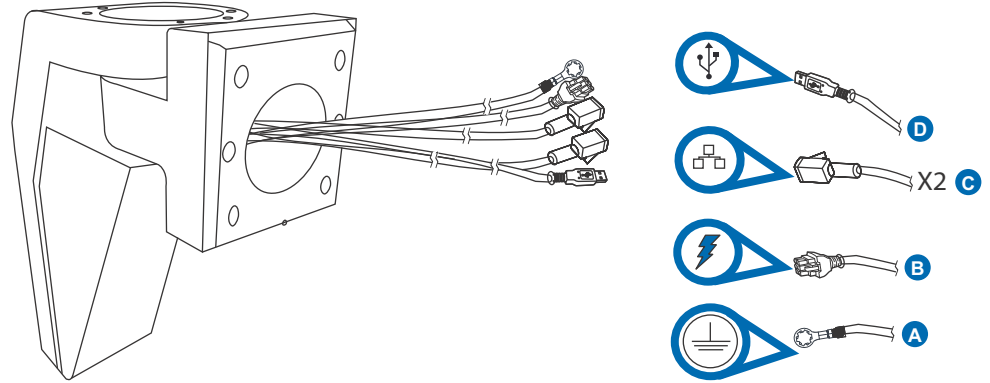


Figure 12- Cables

Smart Card Reader

The smart card transaction procedure can vary depending on the application. Verify for the proper procedure with your application provider before performing a smart card transaction.

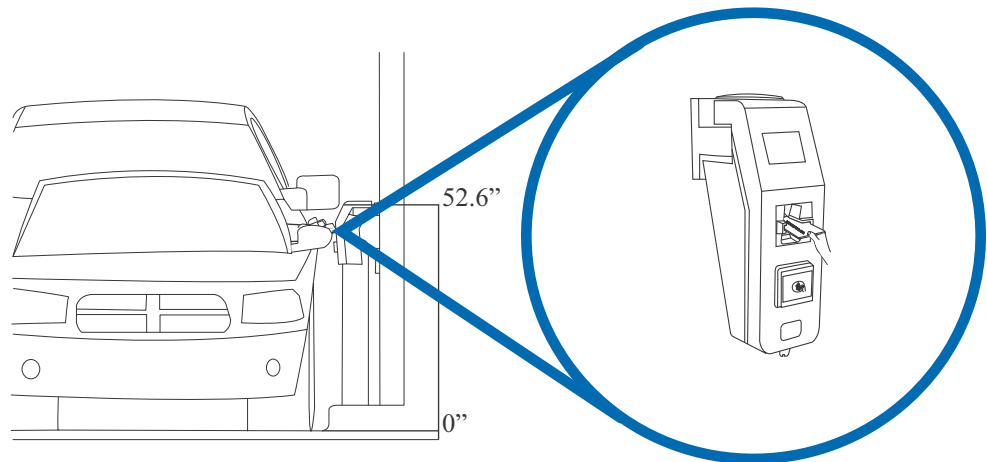


Figure 13- Smart Card Transaction

To conduct a smart card transaction:

- 1 Position the smart card with the gold contacts facing upward.
- 2 Insert the card into the smart card reader slot in a smooth, continuous motion until it seats firmly.

- 3 Remove the card when the display indicates that the transaction is completed.



Leave the smart card in the card reader until the transaction is completed. Premature removal can void the transaction.

Contactless Transactions

The KX600 kiosk unit supports contactless transactions through an integrated contactless module. The device only becomes active for contactless smart card transactions when initialized by an application in the POS terminal.

To perform a contactless smart card transaction:

- 1 Gently tap the card onto or hold the card (within 4 cm) against the surface of the display where the contactless logo appears.
- 2 An activated LED visual on the display accompanied by a short beeping sound indicates a successful transaction.

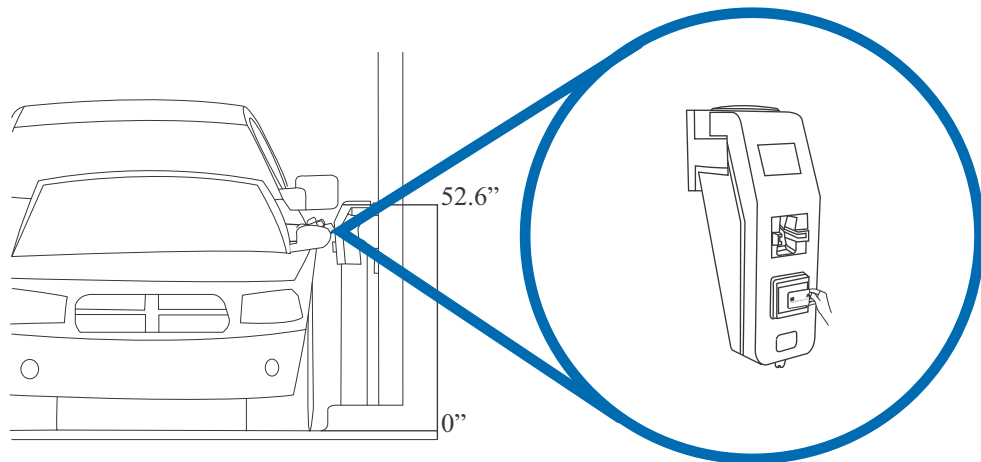


Figure 14- CTLS Transaction

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Maintenance and Cleaning

Your contactless device is a product of superior design and craftsmanship and should be treated with care. It has no user-serviceable parts.

The following suggestions will help you protect your warranty coverage.

- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.
- Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device. Use a wet soapy cloth to clean the device surfaces.

These suggestions apply equally to your contactless device, or any of its attachments or accessories. If your device is not working properly, take it to the nearest Verifone-authorized service provider for servicing or replacement.

Additional Safety Information

The following is additional information for your safety in using this device.

Surface Cleaning To clean the device, use a clean cloth slightly dampened with water and a drop or two of mild soap. For stubborn stains, use alcohol or an alcohol-based cleaner.



- Never use thinner, trichloroethylene, or ketone-based solvents – they can deteriorate plastic or rubber parts.
- Pressure washing the device is prohibited and may result in damage to the enclosure and/or components.

Smart Card Reader Cleaning The Smart Card Reader (SCR) must be cleaned on a regular basis, as dirt accumulation can lead to SCR reading problems. SCR can be cleaned using commercially available card reader cleaning cards or using recommended Verifone cleaning card (PN 02746-02).

Cleaning the SCR To clean the SCR:

- 1** Inspect the device's SCR for presence of foreign objects before cleaning the Customer Smart Card.
 - a** If the unit shows no presence of foreign objects, then test the SCR function and record results. Proceed to Step 2.

CAUTION



Send your device to a Verifone authorized repair center if foreign objects are found in the SCR at any time during SCR inspection, test diagnostics, or cleaning process. Removal of foreign objects from the SCR by the customers may void device warranty.

- 2** Clean the SCR with approved or recommended Verifone cleaning card. It is always advised to use new cleaning cards every time.

NOTE



If using a commercially available cleaning card use **ONLY** an approved SCR cleaning card made specifically for POS SCR devices or Petroleum SCR.

- 3** Test the SCR after cleaning.
 - a** If SCR tests out okay as “passing”, then the unit is ready for Customer Smart Card use.
 - b** If SCR tests out as “failing”, then send the unit for repair. Provide details to repair center when SCR fails testing, either before cleaning OR after cleaning OR both before and after cleaning.

**Potentially
Explosive
Environments**

When using the device in areas with potential risk of explosion, such as petrol stations, follow the advice of all signs and instructions. If there has been a leak, do not use this device.

WARNING



Do not spray water or chemicals to the bottom of the device.

There is a drain vent to evacuate condensation. Spraying water or chemicals will allow the liquid to enter into the enclosure.



Verifone Service and Support

Contact your local Verifone representative or service provider for any problems on your terminal.

For product service and repair information:

- USA – Verifone Service and Support Group, 1-800-Verifone (837-4366)
- Monday - Friday, 8 A.M. - 8 P.M., Eastern time
- International – Contact your Verifone representative

Returning a Device for Service

You must obtain a Merchandise Return Authorization (MRA) number before returning the terminal to Verifone. The following procedure describes how to return one or more terminals for repair or replacement (U.S. customers only).

NOTE



For international customers, please contact your local Verifone representative for assistance with your service, return, or replacement.

- 1 Get the following information from the printed labels at the back of each KX600 to be returned:
 - Product ID, including the model and part number. For example, “KX600” and “M501-XXX-XXX-XXX.”
 - Serial number (S/N nnn-xxx-xxx)
- 2 Obtain the MRA number(s) by completing one of the following:
 - a Call Verifone toll-free within the United States at 1-800-Verifone and follow the automated menu options.
 - Select the MRA option from the automated message. The MRA department is open Monday to Friday, 8 A.M.–8 P.M., Eastern Time.
 - Give the MRA representative the information you gathered in Step 1.
 - Complete the Inquiry Contact Form at <https://www.verifone.com/en/us/contact-us>.
 - Address the Subject box to “Verifone MRA Dept.”

- Reference the model and part number in the Note box.



One MRA number must be issued for each KX600 you return to Verifone, even if you are returning several of the same model.

- 3 Describe the problem(s).
- 4 Provide the shipping address where the repaired or replacement unit must be returned.
- 5 Keep a record of the following items:
 - Assigned MRA number(s).
 - Verifone serial number assigned to the KX600 you are returning for service or repair (device serial numbers are located at the back of the unit.)
 - Shipping documentation, such as air bill numbers used to trace the shipment.
 - Model(s) returned (model numbers are located on the Verifone label at the back of the KX600).

Accessories and Documentation

Verifone produces the following accessories and documentation for the KX600. When ordering, please take note of the part number.

- Verifone online store www.estore.verifone.com
- USA – Verifone Customer Development Center, 800-Verifone (837-4366), Monday - Friday, 7 A.M. - 8 P.M., Eastern time
- International – Contact your Verifone representative

Documentation

KX600 Certifications and Regulations Sheet

VPN DOC501-001-EN

KX600 Quick Installation Guide

VPN DOC501-002-EN

Troubleshooting Guidelines

The troubleshooting guidelines provided in the following section are included to assist you to successfully install and configure your KX600 terminal. If you have problems operating your KX600 terminal, please read through these troubleshooting examples.

If the problem persists even after performing the outlined guidelines or if the problem is not described below, contact your local Verifone representative for assistance. Typical examples of malfunction you may encounter while operating your KX600 terminal and steps you can take to resolve them are listed.

NOTE

The KX600 terminal comes equipped with tamper-evident labels. The KX600 contains no user serviceable parts. Do not, under any circumstances, attempt to disassemble the terminal. Perform only those adjustments or repairs specified in this guide. For all other services, contact your local Verifone service provider. Service conducted by parties other than authorized Verifone representatives may void any warranty.

CAUTION

Using an incorrectly rated power supply can damage the unit or cause it to malfunction.

Verifone recommends the PWR159-00X-01-B power packs.

See [Specifications](#) for power supply information.

Peripheral Device Does Not Work

If any peripheral device (PIN pad or smart card reader) does not work properly:

- Check the power cord connection to the peripheral device.
- Check for proper grounding connections.
- Check that the device connected to the proper port has power and is functioning properly. If possible, perform a self-test on the device in question.
- The cable connecting the optional device to the terminal serial port may be defective. Try a different serial cable. See [Connecting Cables](#).
- If the problem persists, contact your local Verifone representative.

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Caution and Warning Messages

KX600 Caution and Warning Messages Products with UL/cUL Listed should include French translations of Caution and Warning notices. The following table shows all notices found in the document, their location and the equivalent French translations.

Table 3 Caution and Warning Messages

Notice	Chapter	Page	English Text	French Text
Warning	Setup	page 9	For safety, do not string cables or cords from your installation cabinet or housing across a walkway.	<i>Pour la sécurité, ne sont pas des câbles à cordes ou des cordons de votre armoire d'installation ou de logement à travers une passerelle.</i>
Warning	Setup	page 10	Do not use a unit that has been damaged. If a label or component appears damaged, please notify the shipping company and your Verifone service provider immediately.	<i>Ne pas utiliser un appareil qui a été endommagé. Si une étiquette ou d'un composant semble endommagé, se il vous plaît aviser la compagnie de navigation et votre fournisseur de services Verifone immédiatement.</i>
Caution	Setup	page 15	Observe standard precautions in handling electrostatically sensitive devices. Electrostatic discharges can damage the equipment. Verifone recommends using a grounded anti-static wrist strap.	<i>Observer les précautions standard dans le traitement de dispositifs sensibles aux décharges électrostatiques. Les décharges électrostatiques peuvent endommager l'équipement. Verifone recommande d'utiliser un bracelet anti - statique à la terre.</i>
Caution	Setup	page 18	Using an incorrectly rated power supply can damage the unit or cause it to malfunction. Verifone recommends the PWR159-00X-01-B power packs. See Specifications for power supply information.	<i>L'utilisation d'une alimentation mal classé peut endommager l'appareil ou provoquer un dysfonctionnement . Verifone recommande la PWR159-00X-01 - B ou les blocs d'alimentation. Voir les caractéristiques de l'information d'alimentation .</i>

Table 3 **Caution and Warning Messages** (continued)

Notice	Chapter	Page	English Text	French Text
Caution	Maintenance and Cleaning	page 23	Never use thinner, trichloroethylene, or ketone based solvents – they can deteriorate plastic or rubber parts.	<i>Ne jamais utiliser de diluant, le trichloréthylène ou des solvants à base de cétone - ils peuvent détériorer les pièces en plastique ou en caoutchouc.</i>
Caution	Troubleshooting	page 29	Using an incorrectly rated power supply can damage the unit or cause it to malfunction. Verifone recommends the PWR159-00X-01-B power packs. See Specifications for power supply information.	<i>L'utilisation d'une alimentation mal classé peut endommager l'appareil ou provoquer un dysfonctionnement . Verifone recommande la PWR159-00X-01 - B ou les blocs d'alimentation. Voir les caractéristiques de l'information d'alimentation .</i>

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KX600

Installation Guide

