



KAHALA BRANDS

Installation Manual for ERC J-19WS

Self-Installation Guide

Getting Started!

When you receive your Kahala POS equipment and are ready to begin your installation you will want to start by doing the following:

- Un-box and organize all equipment and cables.
- Check that you have received all equipment from your packing list.
- Do not power on the equipment until the installation is complete.




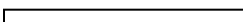








Note: Do not discard any boxes until after installation, so they would be available in the rare case you have the need to ship equipment back to your equipment provider.

Should you have any questions about the installation or the equipment you received, please call the Kahala Help Desk at 877-811-3811.

Disclaimer: ERC or Kahala will not be held responsible for any damage to equipment during self-installation. Please follow the directions carefully and call the Kahala Help Desk for any questions and/or clarification needed.

Color-Coded Reference Guide

Please refer to the below guide to assist you in your installation. Your equipment has been color-coded for your store's configuration.

REGISTER #1		RED
REGISTER #2		YELLOW
RECEIPT PRINTER		GRAY
CASHDRAWER		WHITE
KVS #1		GREEN
KVS #2		LT. GREEN
KVS #3		TEAL
BUMP BAR		ORANGE
OFFICE PRINTER		PURPLE
VGA (VIDEO MONITOR)		BLUE
BAR CODE READER		BROWN
COIN CHANGER		PINK

Installing Your POS Equipment

Setting up the ERC J-19WS Terminal(s)

Locating the Focus Key

Begin by locating the J-19WS Terminal and placing on the front counter. Carefully tilt the head of the terminal (main screen) fully upward and remove the cover on the connection panel of the register. Remove the thumbscrew securing the cover plate of the cable channel. This plate will cover and organize the cables connected to the terminal. The Focus Key is plugged into the USB port. If you have a Register System with (2) or more terminals, the FOCUS key is located on Backup. The Focus Key is circled below.

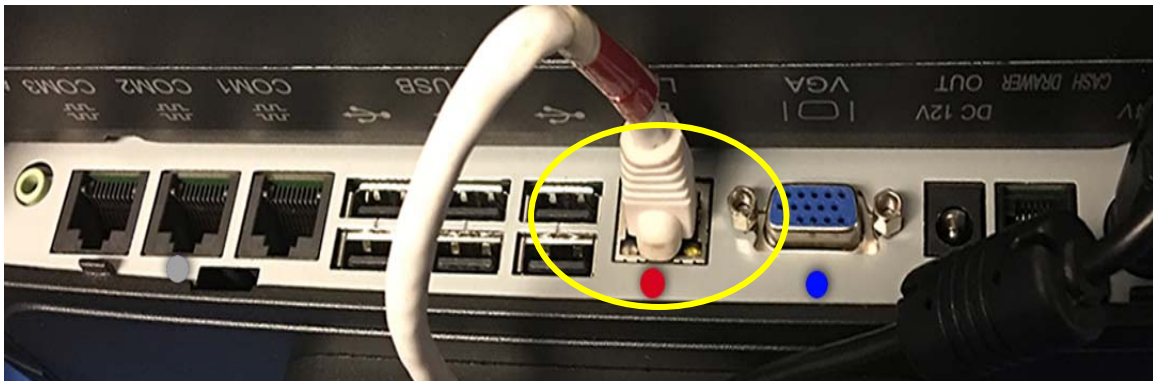


Connecting the Register(s) to the Router

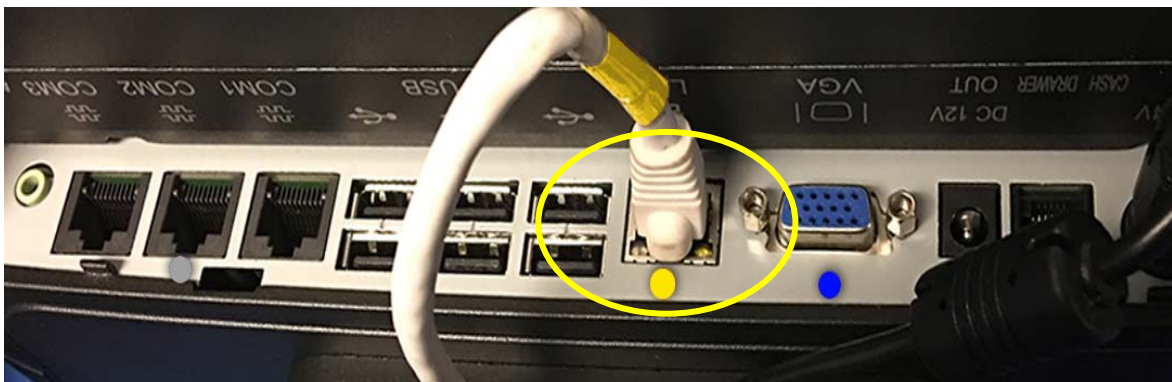
Locate the Ethernet cables as shown below. These will be used for connecting your terminal(s) to the router. They are color coded to match the connector on the associated equipment.



On Focus (Register 1), connect one end of the CAT-5 Ethernet cable labeled Focus into the Ethernet port on the terminal connection panel. The location is labeled with a **RED** dot.



If you have a (2) terminal register system, you will follow the same steps for Backup (Terminal 2) which is identified by a **YELLOW** dot. **NOTE:** There is only one FOCUS key per system. In a (2) terminal Register system, there will not be a FOCUS key in Terminal 1.

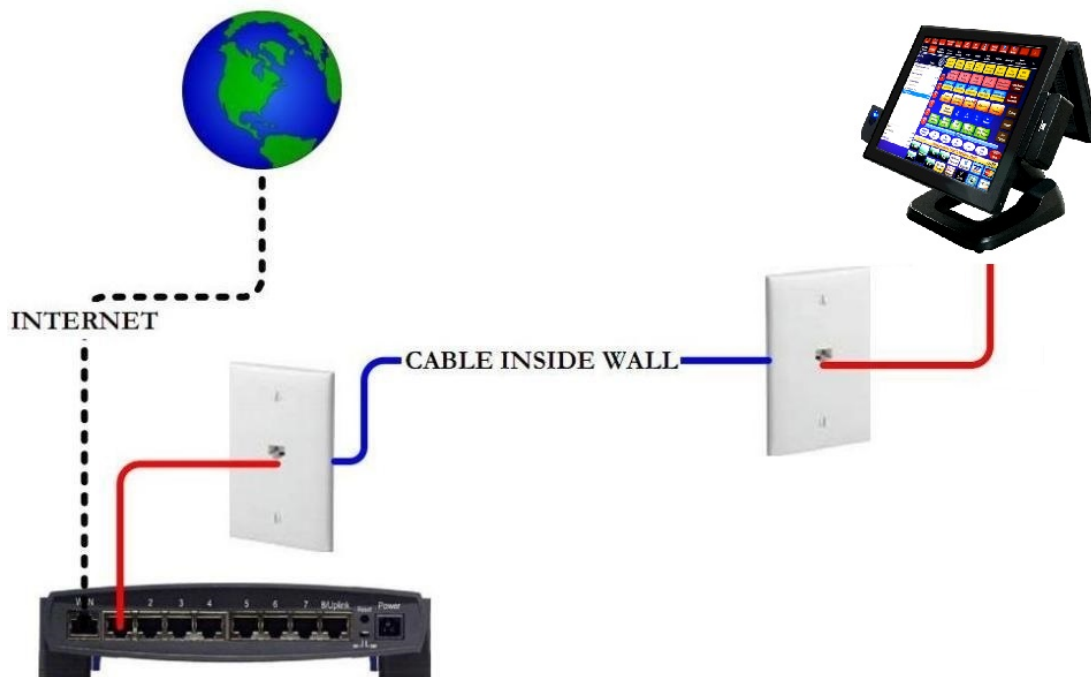


Connect the other end of **Focus** and **Backup** (optional) CAT-5 cables to the router. Please refer to the Network Wiring Diagram for assistance.



The CAT-5 cable will connect the register to the router for communications. Depending on your store's configuration the router may need to be located in a location other than under the front counter. If this is the case, the CAT-5 cable will be connected to wall-plates at both the register and router locations. Lastly, connect your internet cable to the router.

Below is an example of **Focus** connection if your store is wired with wall-plates. Otherwise, the CAT5 cable will connect directly to the router.

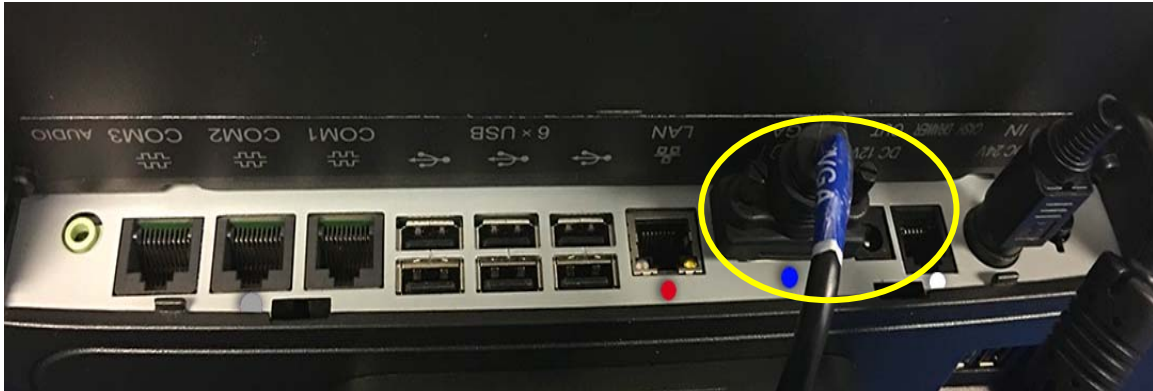


Mounting the Rear Display(s) to the Terminal

The Terminal(s) for the front counter will have a customer facing video display also referred to as a customer order confirmation display (OCD). In this case, the cover plate on the rear of the head support will have been removed. The rear display has a bracket attached to it that will fit into the opening and will need to be secured with two screws (provided) using a Phillips screw driver, accessed from the front side of the terminal.

Connecting Rear Display(s) to the Register

The VGA cable will be plugged into the connection panel at the VGA port marked with a **BLUE** dot. The power cable will be connected into the bayonet connector (round connector with a center pin) directly to the right of the VGA connection.



Connecting the Receipt Printer(s)

The receipt printer will require the use of a serial adapter cable (included) in order to connect the printer to your terminal. An illustration is shown below.



Plug this adapter into the COM2 port on the terminal, marked with a GRAY dot, as shown in the photo below.



Place the printer on whichever side of the terminal you prefer. Locate the receipt printer cable(s). Connect one end of the 9 Pin printer cable to the adapter and the other end to the printer. All Receipt Printer cables are labeled in **GRAY**. Connect the power cable to the printer with the flat side of the connector facing in an upward position. Do not power on Receipt Printer until end of installation.



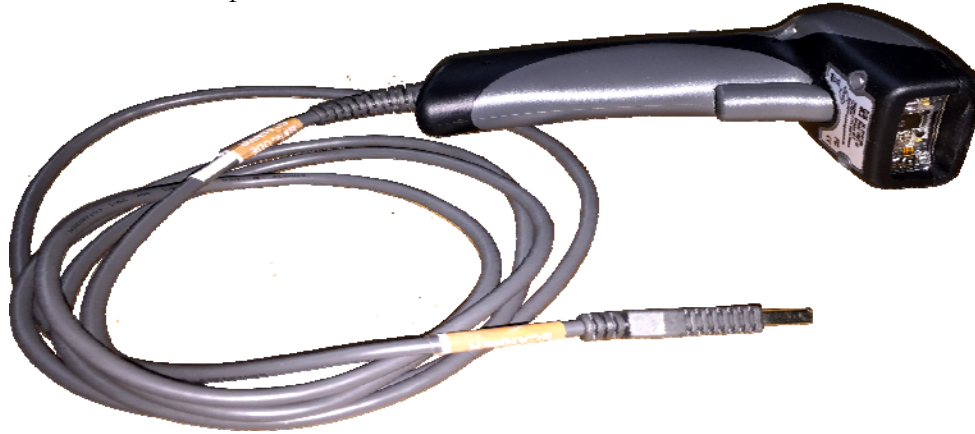
Connecting the Cash Drawer(s)

Place your cash drawer in the desired location. The location of the cash drawer is dependent on the store configuration. The cash drawer has a hard wired cable. The cash drawer cable will connect to the modular connection port marked with the white dot on the on connection panel of the terminal. The cable is labeled in **WHITE**. Ensure your terminal is **NOT** powered on while connecting the cash drawer. Inserting the connection with power applied may cause damage to the equipment.



Connecting the Bar Code Scanner (Optional)

Locate the Bar Code Scanner, pictured below.



The scanner has a hard-wired USB adapter cable (labeled with a **BROWN** Scanner label) that will connect to the blue USB port on the rear of the terminal connection panel of the Terminal. It is also labeled with a **BROWN** dot. (See photo below).



Connecting the KVS (Kitchen Video System)

Component Placement

The following is recommended when you plan the DE-4000 (KVS Controller) system setup:

- Place the KVS so that you have no obstruction to monitor view and adjustment.
- Place the KVS so that the On/Off button is accessible.
- Place the KVS so that the LED indicators on the front panel can be seen.
- Place the KVS above grill/counter level, out of the way of possible spills or splatter.

Mounting

A mounting bracket is provided to facilitate mounting the DE-4000 to a display monitor on a ceiling mount with rod (shown, without rod) or to the wall using a wall mounting arm. The installer should ensure that the wall anchors used with the KVS and mounting bracket alone has the capacity to support at least 12.5lbs. If mounting the KVS and bracket onto a monitor with a wall mount bracket, wall anchors with the capacity to support at least 25.5lbs must be used. This weight is determined by adding a safety margin weight to the weight of the unit and bracket. Wall anchors with specified weight capacity are available commercially. Ceiling mount kit has a safety chain included to reduce weight on ceiling grid.

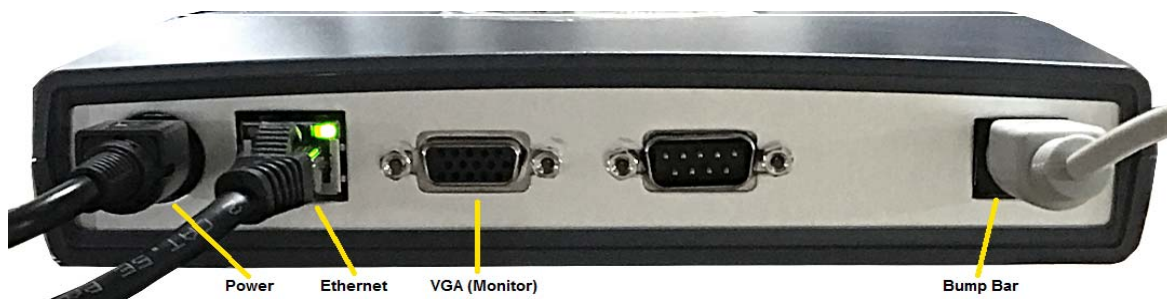


Connections

Make sure that all systems are powered off before making or removing any connections to the DE-4000 unit. Follow the steps below in connecting the devices:

- Connect the VGA cable to the display monitor to the DE-4000.
- Connect the keyboard/Bump Bar device to the DE-4000.
- Connect the Ethernet cable from the Ethernet hub/router to the DE-4000.
- Connect power adapter to the DE-4000 and power cord to the power adapter.
- Plug the power cord into the AC power outlet.

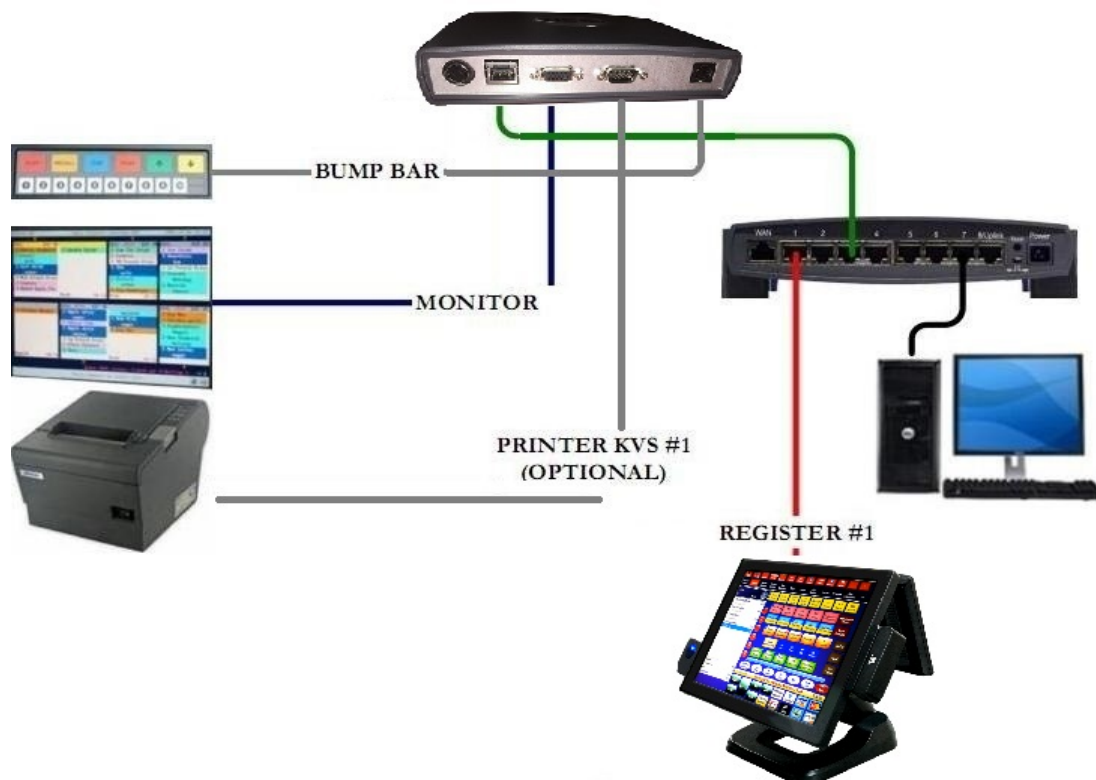
Note: Ensure all connections have been made prior to turning the power switch on.



Network Wiring Diagram

The network connection diagram shown below is for a single register system with (1) Terminal, an Ethernet modem/hub, one KVS controller, and an optional Back Office Computer.

The network connection diagram below represents a (2) Register system with 2-terminals, 3-KVS controllers, an Ethernet modem/hub and an optional Back Office Computer.





Connecting your Back Office PC (Optional)

Connect your PC according to the directions included with the computer. With a CAT-5 patch cable, connect the PC to the router. Ensure you connect your PC's power cable to a Power Conditioner or UPS (Uninterruptable Power Supply).

Note: Make sure the power conditioner is placed in a dry, safe location and at least 12 inches off the ground.

Connecting your Network Printer (Optional)

Connect your network printer (labeled in **PURPLE**) according to the directions included with the printer. With a CAT-5 patch cable, connect the PC to the router. Ensure you connect your printer's power cable to a surge protector.

Completing your Installation

Power Conditioner/UPS

Place the Power Conditioner(s)/UPS underneath the front counter below the register. Plug the Register, Receipt Printer and Router (if mounted at front counter) into the Power Conditioner/UPS. You will have a power conditioner for each register. Again, ensure the power conditioner is placed in a dry, safe location and at least 12 inches off the ground. Plug the Power Conditioner into the wall outlet and power on all equipment.

Again, should you have any questions about the installation or the equipment you received, please contact the Kahala Help Desk at 877-811-3811.



KAHALA BRANDS

J-19 Workstation Installation Manual – Addendum 1

Rear Display Installation Guide

This addendum will cover the **Installation of the 10" Rear Display for the ERC J-19**. Locate the FOCUS terminal. Orient the terminal with the touchscreen facing the user, tilt the screen upward to reveal the cover plate with the Kahala logo. (See Figure 1) Loosen the thumb screw and remove the plate.



(Figure 1)

If the 10" rear display was originally ordered with the POS system, the display will ship with the system, in a separate box. Once you have located the display, please note that the mounting bracket is already attached and there are two screws on the mount (See Figure 2). Remove the screws but **retain for mounting use.**



(Figure 2)

Route the power and VGA cables from the rear display through the cutout in the terminal base. Then insert the two tabs into the corresponding slot and ensure that the screw holes line up with the threaded holes on the rear display mount. (See Figure 3) Secure the display mount with the two screws previously removed.



(Figure 3)

Once the mounting of the rear display is completed, route the cables through the channel (See Figure 4) and connect them to the appropriate jacks on the connection panel (as identified in the Self Install Guide).



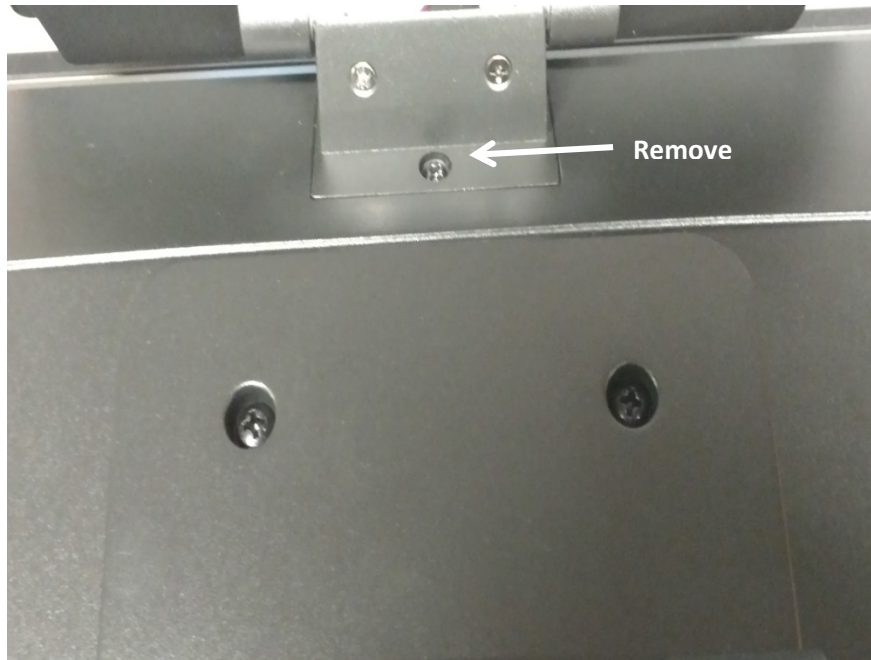
(Figure 4)

If the **J-19** was originally shipped with a 2-line display (See Figure 5) and a 10” rear display is being added, the 2-line display will need to be removed.



(Figure 5)

To remove the 2-Line display, orient the terminal with the 2-line display facing the user, then tilt the display upward and locate the screw that secures the 2-Line display to the terminal (See Figure 6) and remove that screw. The display will separate from the terminal.



(Figure 6)

Following the removal of the display, disconnect the plug on the connector plug (See Figure 7) on the terminal coming from the 2-Line display. There is no cover for the cutout on the J-19 however there will be a Kahala logo label included to cover the slot.



(See Figure 7)

Once the 2-Line display has been removed, the 10" rear display can be installed following the instructions above.

The picture below is an illustration of what your POS terminal will look like from the customer side once the rear display install is fully completed.

