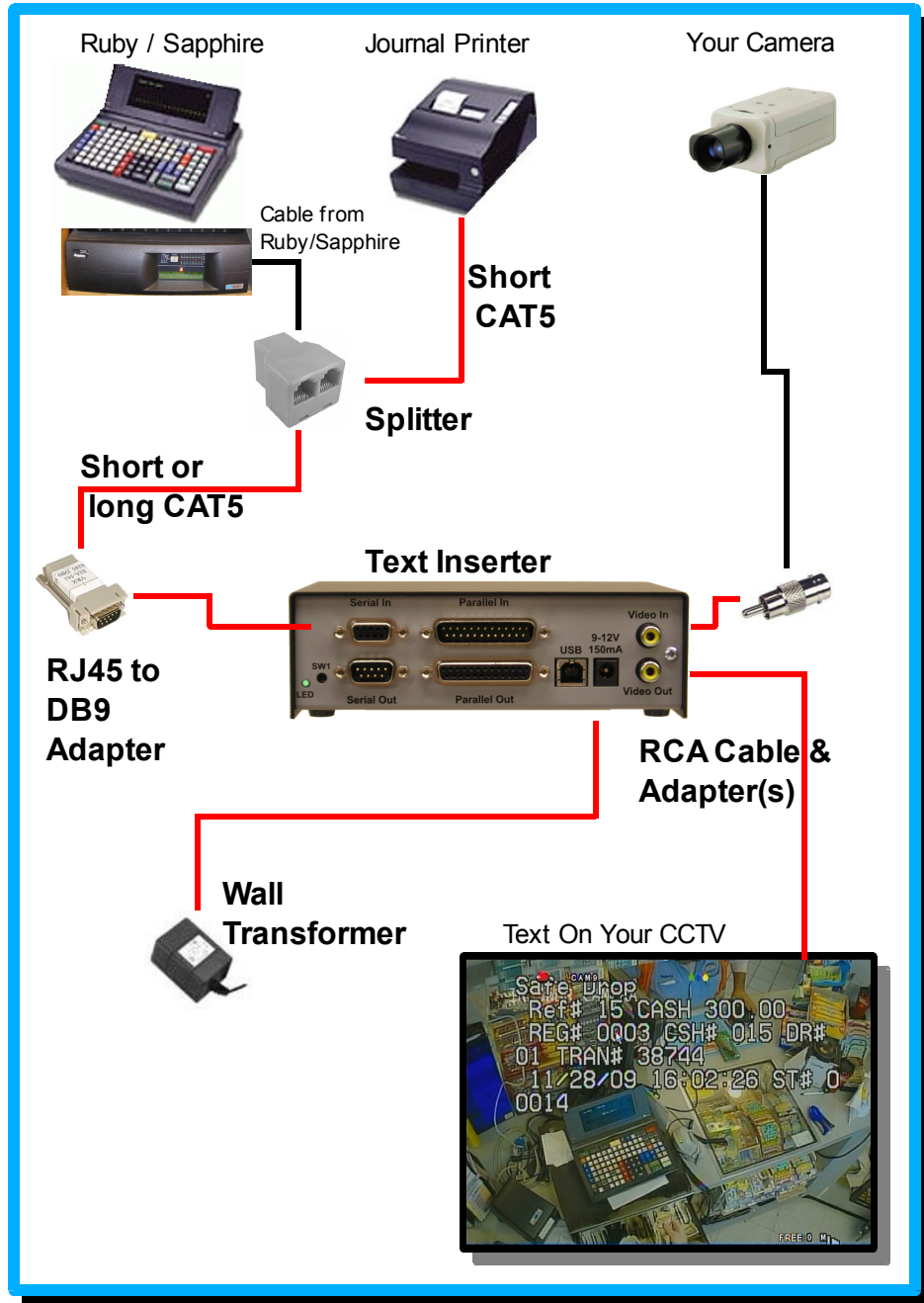


VRX Company Inc.

KIT_VR2004_RUBY_ALL_JOURNAL Interconnection Diagram



Step by Step Instructions:

1. Power off the point of sale terminal.
2. Disconnect the Ruby/Sapphire RJ45 cable adapter on the printer.
3. Connect the Ruby/Sapphire RJ45 cable into one of the female sockets of the RJ45 splitter. (See at left.)
4. Using the short CAT5 cable provided in the kit, reconnect to the journal printer.
5. Using the second short CAT5 cable OR a long CAT5 cable provide by the installer, connect from the RJ45 splitter into the RJ45 to DB9M adapter provide in the kit.
6. Attach the RJ45 to DB9 adapter to the Serial Input on the Text Inserter.
7. Connect the appropriate camera cable to the Video Input of the Text Inserter, and connect the Video Output to a monitor or DVR. The BNC to RCAM adapters are usually required.
8. Apply power to the VR2004 Text Inserter with the transformer.
9. Apply power to the sales terminal and verify normal operation of the journal printer.
10. Watch the monitor and make a sale or other transaction on the cash register to test the installation and observe the inserted text on a monitor. (Note with the default settings, the text erases after 10 seconds. You many need help to test.)

Connection to Journal Printer

We lead you to Loss Prevention Success!

Text Inserter Kit for ECRs

Kit Description

Text Inserter for Ruby™ cash registers for interface to a Seiko or Verifone journal printer or to Ruby Virtual Journal printer port. Items include: {Text Inserter, transformer, RJ45 triple splitter, two 1FT CAT5 cables, RJ45 to DB9 adapter, BNC female to RCA male adapter, BNC male to RCA female adapter, RCA video cable.} This kit provides everything you need except a CAT5 cable of the appropriate length to reach from the Point Of Sale to the video recorder/monitor.

Journal Printer Type

The Text Inserter kit is compatible with the Seiko and Verifone journal printers. Many customers will prefer to have text insertion on what Verifone calls a “Virtual Journal” COM port on the Ruby. The owner of the cash register must provide any required Verifone technical support to get Virtual Journal set up and ON. **Refer your Verifone value added reseller to: VASC Field Service Bulletin NO: 1007-001**

Installation Overview

For the Virtual Journal, simply connect the Virtual Printer port directly to the VR2004 Serial In port with a CAT5 cable and the RJ45 to DB9 adapter. For the Seiko and Verifone journal printers, see the interconnect diagram on the opposite side of this sheet. Installation is the same for both the Seiko and Verifone printer. The installation for a Virtual Journal is similar, but without the splitter.

Reference

Printer Identification and Setup



Setup Text Inserter for Verifone 930 or 950.

As shipped, the text inserter is set for interface to decode **SEIKO** printer codes.

For optimum text on Verifone printer set: DB9 Device: **ESPON PRINTER**

For optimum text on Virtual Journal printer set: DB9 Device: **ESPON PRINTER**

Procedure

Connect a monitor to the Video Out. Press SW1 to enter the User Interface. Navigate to the Set POS menu. Change the DB9 DEV(ice) type. Save and Exit the menu. Exit the Main Menu.

User Settings Summary:

Serial Menu:

Serial bps **9600** 8 N 1.

Install_Sheet_RUBY_ALL_JOURNAL.odt

POS type menu:

POS SYSTEM TYPE: **GENERIC**

DB 9 Device: **SEIKO**

DB25 Device: **GENERIC**

DISPLAY MODE: **ALL LINES**

SCREEN DELAY: **OFF**

Text Inserter Menu:

TIMEOUT: **10** SECONDS

DISPLAY: **24** Chars x **12** Lines

REMOVE MULTI-SPACE: **YES**

ALARMS: **ON**

Debug Menu:

HEX DUMP: **OFF**

Jumper Locations

Internal jumpers J1, J2 and J3 set for pins 2-3. Position 2-3 are toward the edge of the PCB.

Troubleshooting

If terminal reports “MECH ERROR” check that J1, J2 and J3 are on proper locations. See Jumper Locations above.

Getting “i4”s or “e”s between transactions. Check Printer identification and change type on DB9DEV. Try each printer type.

No Text: Check for proper power to all devices.

Check for data into Text Inserter: Observe the MULTI FUNCTION LED on the Text Inserter. It will blink once at power up. It will blink on and off slowly when the Text Inserter is operating normally but idle (not receiving data). The LED will blink rapidly (possibly appearing half brightness) when the Text Inserter is receiving data.

If present, verify the journal printer is operating normally.

Examine all RJ45 connections checking for full insertion and retention of the cables into the adapters. Check for bent wires in the RJ45 connections.

Features

The inserted text features up to 12 lines of up to 24 characters. The characters are large for easy visibility. They are white with a black outline to be visible under even the most extreme low or high light conditions. The characters automatically erase after a period of inactivity.

To access other user settings and features download and refer to the user manual and application notes at our web site:

http://www.vrxinc.com/vr2004_pos_manuals.html

Warranty Summary

One year parts and labor. Repair, replace or refund at manufacturers discretion. See the on-line user manual for full warranty.

NOTE: Damage due to lighting or mis-installation not included.

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