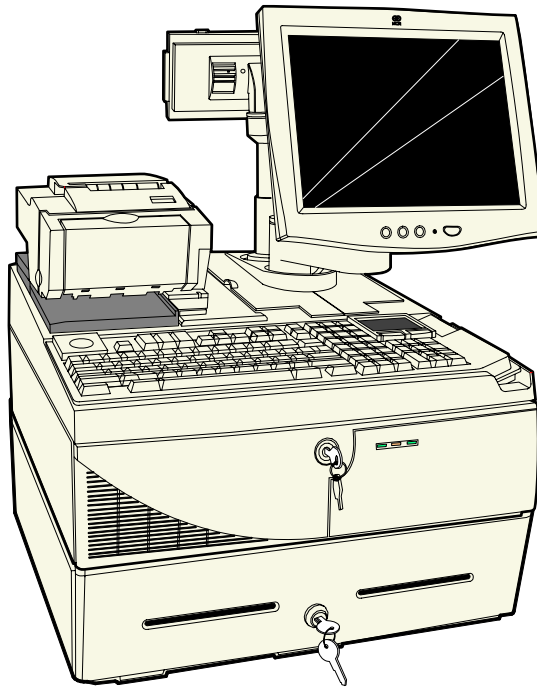


# NCR RealPOS™ 7458

Release 1.1

## Site Preparation Guide



B005-0000-1441

Issue A

---

# Table of Contents

<b><u>Introduction</u></b>	<b>1</b>
<b><u>Related Site Preparation Documents</u></b>	<b>2</b>
Peripherals .....	2
Power and Communications Wiring .....	3
Where to Obtain Information Products .....	3
<b><u>Customer Responsibilities</u></b>	<b>4</b>
<b><u>AC Store Wiring Requirements</u></b>	<b>5</b>
<b><u>LAN Communications</u></b>	<b>5</b>
<b><u>System Configuration Diagrams</u></b>	<b>6</b>
<b><u>Physical Considerations</u></b>	<b>7</b>
Handling System Components .....	7
Service Clearance Requirements.....	8
Operating Clearance Requirements .....	8
Component Dimensions .....	9
Integrated Terminal .....	9
Cash Drawers.....	10
Displays .....	12
5964 12.1-Inch Touch LCD .....	23
5964 12.1-Inch Touch LCD (Integrated Mount) .....	24
5964 12.1-Inch Touch LCD w/ Customer Display .....	24
Keyboards.....	26
Printers.....	28

---

Component Weights.....	31
Airflow Requirements .....	33
Electrical Requirements.....	34
<b>Cable Routing</b> .....	<b>35</b>
<b>System Cables</b> .....	<b>36</b>
Printer Cables .....	36
Powered USB .....	36
Powered USB (Power Only).....	36
RS-232 (9-Pin to 9-Pin) .....	37
RS-232 (9-Pin to 25-Pin) .....	37
Scanner Cables.....	38
7872 or 7875 Scanner/Scale (RS-232) .....	38
7872 or 7875 Scanner/Scale (Powered USB).....	38
7892 Scanner (Powered RS-232) .....	38
7882 Scanner (Powered RS-232) .....	39
7837 Scanner (Powered RS-232) .....	39
Display Cables .....	40
VGA Display, Remote Extension, Mono .....	40
VGA Display, Color .....	40
CRT AC Power Extension .....	41
5982 5-Inch LCD .....	41
5953 DynaKey .....	41
5953 DynaKey w/Insert .....	42
5972 VFD Customer Display (Powered RS-232) .....	42
5972 LCD Customer Display (Powered RS-232) .....	43
Wedge Keyboard Y-Cable .....	43
DVI to DVI for 5964.....	44
PS/2 - RS-232 & Power for 5964.....	44
Wedge Keyboard Adapter .....	44

---

Cash Drawer Cables .....	45
Dual Cash Drawer, Y-Cable .....	45
Cash Drawer, Extension Cable .....	45
Communications Cable .....	46
Ethernet, 10/100BaseT .....	46
Keyboard Cables .....	46
PS/2 Keyboard Extension .....	46
PS/2 Y-Cable .....	47
Signature Capture/Electronic Payment Terminal Cable .....	47
5945/5992 EPT (RS-232 w/Power) .....	47
Power Cables .....	48
AC Power .....	48
<b><u>Environmental Requirements</u></b> .....	<b>49</b>
Barometric Pressure .....	49
Temperature .....	49
Humidity .....	49

## Revision Record

Issue	Date	Remarks
A	Feb 03	First issue

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

The full manual can be purchased from our store:

<https://the-checkout-tech.com/manuals/ncr/7458> RealPOS 80 site preparation manual.ht

And our free Online Keysheet maker:

<https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/>

[HTTPS://THE-CHECKOUT-TECH.COM](https://THE-CHECKOUT-TECH.COM)