

User Guide

NCR Remote Compact Display (7825)

Release 1.0



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Issue A



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Preface

Audience

This book is written for several audiences: those preparing the site, those installing the hardware, those programming the device, and those operating the device.

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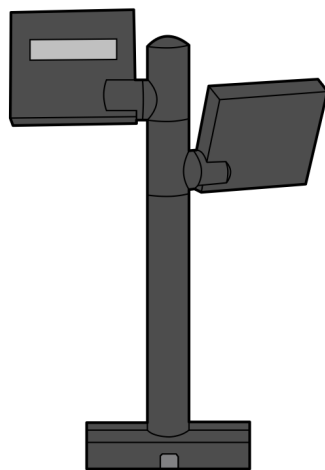
Revision Record

Issue	Date	Remarks
A	Aug 2020	Initial release

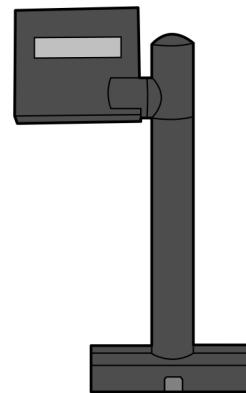
NCR Remote Compact Display (7825)

Overview

The NCR Remote Compact Display (7825) is used with scale units to display weight and scale status information. Its cable connects to the Scale Display connector of the scanner/scale unit. The NCR 7825 is also used to display error codes that indicate specific scale failures. It is available as a Dual Display or a Single Display.



Dual Display



Single Display

Available Models

PID	Description
7825-0537-9090	Compact Single Scale Display 30.000 lb, 13.995 kg and 15.000 kg (RoHS), 4M cable
7825-0547-9090	Compact Single Scale Display 30.000 lb, 15.000 kg (RoHS), 4M cable, CG1
7825-0557-9090	Compact Single Scale Display 30.000 lb, 15.000 kg (RoHS), 4M cable, Black
7825-1537-9090	Compact Dual Scale Display 30.000 lb, 13.995 kg and 15.000 kg (RoHS), 4M cable with internal connection
7825-1547-9090	Compact Dual Scale Display 30.000 lb, 15.000 kg, 4M, CG1
7825-1557-9090	Compact Dual Scale Display 30.000 lb, 15.000 kg (RoHS), 4M cable, Black
7825-2537-9090	Compact Single Scale Display (13.995 kg and 15.000 kg), 4M cable, CG1

Hardware Features

Feature	Specifications
Display	<ul style="list-style-type: none"> 7-Segment LCD Technology Character size (H x W): 12.5 mm x 4.4 mm (0.49 in. x 0.17 in.) Display tilt: 27° backward, -40° forward, 360° rotation on post
Enclosure	<ul style="list-style-type: none"> Spill proof and sealed UV stable material Available in Black and Beige
Configuration Options	<ul style="list-style-type: none"> Single Display Dual Display
Kit Option	<ul style="list-style-type: none"> Post mount (included in the package) Long Post (7825-K705)
Cable Option	<ul style="list-style-type: none"> RJ50 Modular Plug (included in the package) Cable Extension, 4 meters (1432-C316-0040)

Preparing the Site

This section provides the information necessary to prepare a site to NCR specifications prior to installing the NCR Remote Compact Display. The site must be properly prepared before the scanner display is installed because site preparation deficiencies may be difficult to detect and correct after installation.

Environmental Considerations

The NCR Remote Compact Display operates in most standard working environments. The following table gives the various environmental requirements.

Physical Variable	Operating	Storage	Transit
Temperature	0°C to 50°C (32°F to 122°F)	-10°C to 50° (14°F to 122°F)	-40°C to 60° (-40°F to 140°F)
Temperature Change	-	15°C per hour (59°F per hour)	20°C per hour (68°F per hour)
Relative Humidity	5–95% No Condensation	5–95% No Condensation	5–95% No Condensation



Note: Condensation may occur when the equipment is transferred from cold to warm areas during shipment. The equipment design shall permit operation after flash condensation has occurred, provided a drying out process has been accomplished, and the equipment stabilized to the operating environment.

Power Requirements

AC Power Requirements

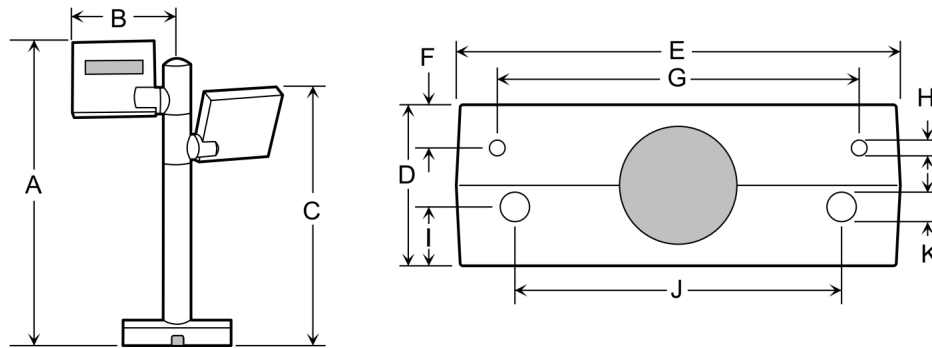
- 120 VAC, 60 Hz (US, Canada, and others) through a wall mount power supply
- 90 – 264 VAC, 50 – 60 Hz through a Universal Input power supply

DC Power Requirements

- 5 VDC at 10 mA max (for Single Display)
- 5 VDC at 20 mA max (for Dual Display)

Dimensions

The following are dimensions of the NCR Remote Compact Display. The holes are spaced to align with those of the older NCR Remote Post Display and with some competitor models.



A	B	C	D	E		
31.5 cm	10.43 cm	26.62 cm	4.16 cm	11.53 cm		
12.4 in.	4.11 in.	10.48 in.	1.64 in.	4.54 in.		
F	G	H	I	J	K	
1.12 cm	9.40 cm	0.40 cm	1.12 cm	8.48 cm	0.76 cm	
0.44 in.	3.70 in.	0.16 in.	0.44 in.	3.34 in.	0.30 in.	

Note: Dimension C is also the height of a single-display unit.

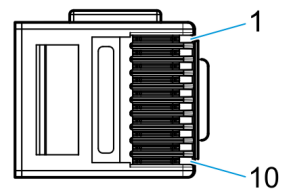
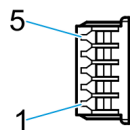
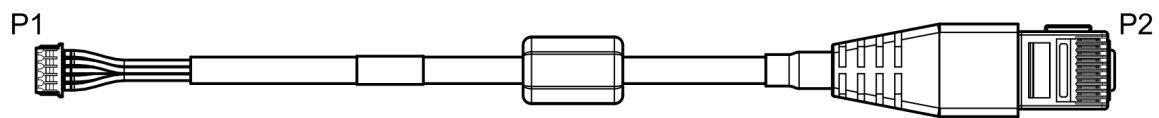
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Weights

The following are weights of the NCR Remote Compact Display.

- Single Display: **168 g** (0.37 lb)
- Dual Display: **277 g** (0.61 lb)

Cable Pinouts



CCP-79410

P1	Color	Signal Name	P2
1	RED	GROUND	10
2	WHITE	+5V	1
3	GREEN	LOAD	5
4	YELLOW	DATA	4
5	BLACK	CLK	3

Installing the NCR 7825

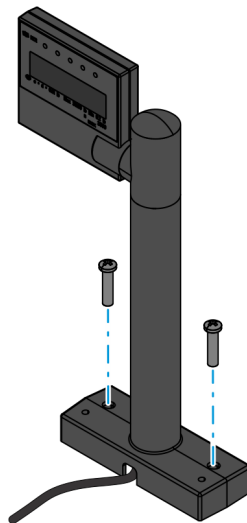
The NCR Remote Compact Display ships completely assembled from the factory; no installation assembly is required. The installation procedures extend from inspecting a received NCR 7825 through verifying that the installed unit is operational.



Note: Installation procedures and cable routing may differ depending on the scanner/scale unit used together with the NCR 7825 display. For more information on using the NCR 7825 as a remote compact display for scanner/scale units, for display diagnostics, and for other installation options, refer to specific NCR scanner documentations.

To install the NCR 7825 display, follow these steps:

1. Position the NCR 7825 on its mounting location, ensuring that the cable is properly routed and is not pinched.
2. Secure the base using two screws that are appropriate for the mounting surface.



CCP-79411

3. Connect the NCR 7825 cable to Scale Display connector on the back of the scanner/scale unit.