

NCR 2170 Retail System



NCR 2170 modular configuration provides maximum flexibility in customizing your own individual preferences for workstation arrangements.



The NCR 2170 ensures faster, more convenient service for your customers with:

- Modular components, including choice of keyboards, cash drawers, printers, displays, and scanners.
- Enhanced operator interface for quicker checkout and reduced cashier training time.
- Communications capabilities, linking together satellite terminals and interface to personal computers.
- Complete application feature set for today's retailer.

NCR 2170: Faster Service Means Greater Customer Satisfaction

In today's highly competitive retail business, customer service is more important than ever. The NCR 2170 Retail System is designed to help you and your employees provide complete customer satisfaction ... with a transaction processing and management reporting system that's fast, easy-to-use, accurate, and reliable.

Complete Component Flexibility

The NCR 2170 Retail System features a completely modular-small footprint design for maximum flexibility of configuration and terminal layout. You choose the components that best meet your needs.

▪ Choice of Keyboard

- Two sizes of conventional keyboards with full travel keys
 - 79 key (68 programmable)
 - or
 - 59 key (48 programmable)
- 176 key micromotion keyboard provides up to 165 programmable keys, 10 numeric keys and a CLEAR function key. Up to 150 preset PLUs can be assigned to 2 shift levels.

▪ Choice of Operator Displays

- Tilt, 2 x 20 alphanumeric operator display can display up to 2 lines of 20 characters to provide easy verification of items being ordered. It also includes 16 message descriptions.

- Tilt, 10 numeric, 10 descriptor numeric operator display provides basic transaction numeric data at an attractive price.

▪ Choice of Receipt/Journal Printers

- Both are 2-station printers used for customer receipts and transaction journals. Double-wide print characters are available as a programmable option.
- 21 column receipt/journal printer is ideal for users who have lower volume printing requirements. It features an optional knife, 1-line validation, and 150 LPM print speed.
 - 24 column heavy duty receipt/journal printer is better suited for users requiring faster printing and greater validation capability. It includes 6-line validation capability, knife for cutting receipts, and 192 LPM print speed.



Function Selection Code (P 3)														
Rec	Feed	Jnl	FC	Store	Ret	PLU	Dept	Dept	Dept	Dept	Dept	Dept	Dept	Dept
Tender	Credit	FC	Credit	Trn	Ret	Tender	PLU	Dept	Credit	Adjust	Adverse			
#3	#1	#1	#2	#2	#2	Tender	PLU	Dept	Total	Item %				
Tender	Price	Dept <td>Clear <td>Sc <td>Trn <td>Trn % <td>Tax Mat <td>Trn % A <td>Trn % B <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td></td></td></td></td>	Clear <td>Sc <td>Trn <td>Trn % <td>Tax Mat <td>Trn % A <td>Trn % B <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td></td></td></td>	Sc <td>Trn <td>Trn % <td>Tax Mat <td>Trn % A <td>Trn % B <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td></td></td>	Trn <td>Trn % <td>Tax Mat <td>Trn % A <td>Trn % B <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td></td>	Trn % <td>Tax Mat <td>Trn % A <td>Trn % B <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td>	Tax Mat <td>Trn % A <td>Trn % B <td></td> <td></td> <td></td> <td></td> <td></td> </td></td>	Trn % A <td>Trn % B <td></td> <td></td> <td></td> <td></td> <td></td> </td>	Trn % B <td></td> <td></td> <td></td> <td></td> <td></td>					
#5	Enter	No.		Trn	Ret	Receipt	Spares	Price Est	PLU					
Tender	Food	Total	Qty	PLU	Dept	PLU	Dept	Dept	Dept	Dept	Dept	Dept	Dept	Dept
#2	Stamp	#3	Weight	PLU	Dept	PLU	Dept	Dept	Dept	Dept	Dept	Dept	Dept	Dept
Tender	Price	Enter	7	PLU	Dept	PLU	Dept	Dept	Dept	Dept	Dept	Dept	Dept	Dept
#4	Check			PLU	Dept	PLU	Dept	Dept	Dept	Dept	Dept	Dept	Dept	Dept
				PLU	Dept	PLU	Dept	Dept	Dept	Dept	Dept	Dept	Dept	Dept
Tender		PLU	No.	1	2	3	Dept	Dept	Dept	Dept	Dept	Dept	Dept	Dept
#1							Dept	Dept	Dept	Dept	Dept	Dept	Dept	Dept
Total	UPC-E	AC	8	Dec.	Point	Dept	Dept	Total	Adj.					
#2														

Flexible Memory Assignment (P 2)

Terminal Type: Master

Department: (0-80) PTD

PLU: (0-15000)

PLU Maintenance: (0-2000)

Checker: (0-32)

Memory Usage:

Rate Byte

OK Cancel

The Parameter Entry Program, an optional tool for programming the 2170, utilizes the easy-to-use "point and click" power of Microsoft Windows.

A wide range of configuration options will allow tailoring the system to your specific requirements.

▪ **Choice of Cash Drawers**

Two cash drawers can be installed at each terminal with complete cashier accountability. A unifying tray is available to allow the integration of the NCR 2170 base module, keyboard, receipt/journal printer, and power supply either on the counter or on top of the standard cash drawer.

- Standard cash drawer, 17.72 inches long x 15.8 inches wide, provides 5 bill compartments and 5 coin compartments.

- Optional cash and media drawer, 20.52 inches long x 18.23 inches wide, includes slip slots in the front that allow store media (checks, credit card vouchers) to be inserted without opening the drawer.

▪ **Choice of Optional UPC-RS232 Scanners**

- NCR Hand-Held (2170-K430) and 7835/7836 Scanners
- NCR 7890 Presentation Scanner
- NCR 7852 and 7880 Scanners
- NCR 7870 Slot Scanner

▪ **Other 2170 GP Hardware Options**

- NCR 2010 Coin Dispenser
- I/F to Weightronics RS-232 Scale
- 1-line Numeric or 2 x 20 Alphanumeric Customer Display
- Remote Slip Printer for printing of customer forms
- Flexible, battery protected (5 year) SRAM Memory
- Master/Back-up Master

configured with 128 KB, 256 KB, 640 KB, or 1 MB

▪ **Choice of Application: Standard or Enhanced**

- Standard Personality Kit allows the NCR 2170 to use the 1-line numeric operator display.
- Enhanced Personality Kit allows the NCR 2170 to use the 2 x 20 Alphanumeric Operator and 2 x 20 Alphanumeric Customer displays.

Configuration Flexibility

The NCR 2170 is designed for maximum flexibility. The system can be installed either as a free standing terminal, or as part of a cluster of terminals, consisting of a master terminal, back-up master, and up to six satellite terminals.

Communication Capabilities

When configured in a multi-terminal environment, the NCR 2170 provides fast interactive communication between the master terminal, back-up master, and satellites.

A mirror image Price-Look-Up file has been included on both the master and back-up master to minimize downtime with rapid supervisor switchover.

- Consolidated in-house communication allows clustered terminals to share:
 - PLU file configured in master and back-up master terminals
 - Floating cashier file
 - Back-up master option for complete data file integrity

▪ **Electronic broadcasting capabilities** permit the 2170 system to send information to satellite terminals from the master terminal. Use the broadcast capability for:

- Time-date information
- Discount percent change
- Receipt sales promotion messages
- Terminal parameters

▪ **Easier system file maintenance**

- Simplified reading and resetting of system financial totals
- Faster system programming procedures

Parameter Entry Program (PEP). When connected to a PC, PEP speeds program data entry.

This Microsoft Windows Version 3.1 based program allows for better management of critical programming information on a back office or remote personal computer. You can down-load parameters to:

▪ NCR 2170 stand alone or master terminal directly connected (or modem connected) via industry-standard RS-232

interface port

▪ A loader board to hand-carry to site

The NCR 2170 also provides communications utilities to allow third party software solutions easy access to the 2170's totals, providing you with a choice of software solutions.

Complete Application Feature Set

▪ **Price Look-Up (PLU) File**

- Expandable 2170 SRAM allows up to 15,000 PLUs.

- UPC scanning of UPC/EAN labels including E-Version, random weight and vendor coupons

- PLU Maintenance File (max = 2,000)

- Dynamic PLU Build allows you to add new PLUs to your file during a transaction

- 16 character PLU Mnemonic Descriptor

- PLU Linking option to PLUs 1-15

- Adjective PLUs with up to 5 price levels

- Special Promotional Pricing by PLU allows automatic quantity based pricing within

a transaction with up to 10 quantity levels

- Sales Restriction by PLU to optionally restrict sales of certain items (e.g. - liquor) during defined hours or days

- Visual verify option by PLU

- Preset price override option by PLU

- Quantity/Prohibit/Required/Optional by PLU

- Coupon and Void Search option by PLU

- Up to 99 Mix/Match discount codes

- Up to 32 (floating) cashiers per 2170 system

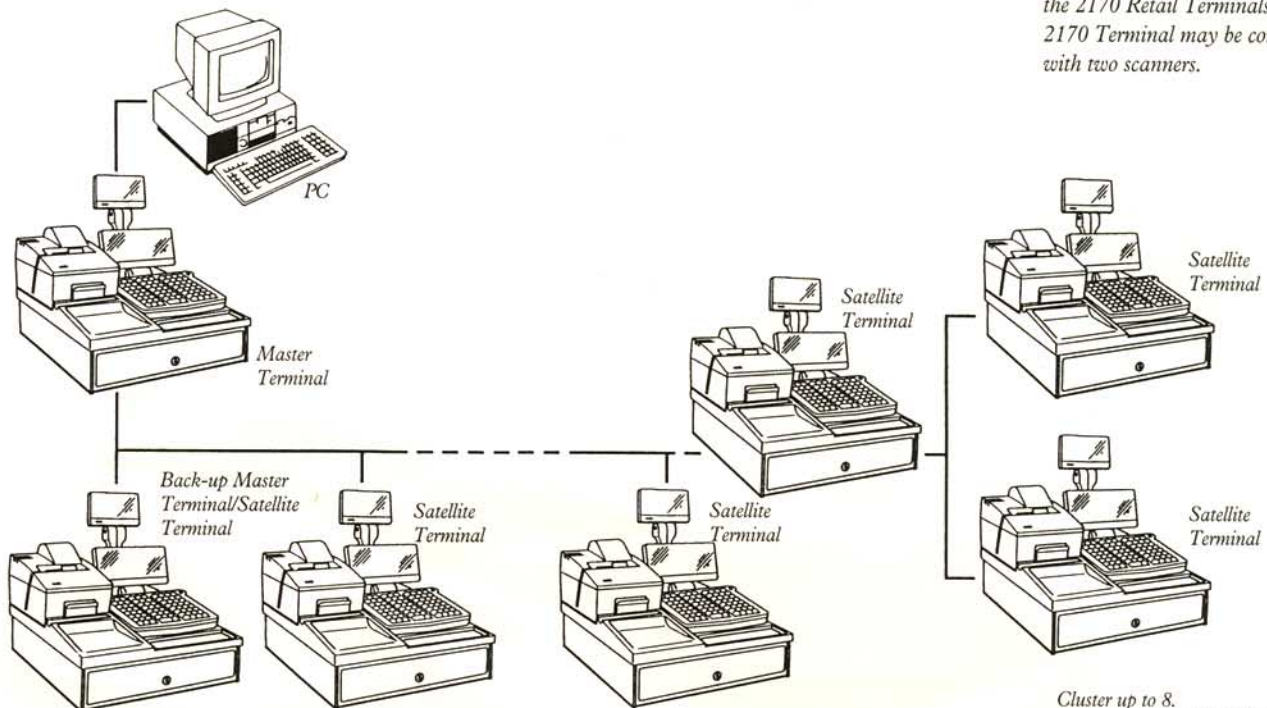
- Up to 80 departments may be used to categorize sales. Accessed either through assigned keys, through preset department keys, or department number entry

- PLUs can be preset with two shift levels

- Food Stamp Itemize and transaction control



NCR's hand-held scanners and scanner/scales can be utilized with the 2170 Retail Terminals. Each 2170 Terminal may be configured with two scanners.



Cluster up to 8.

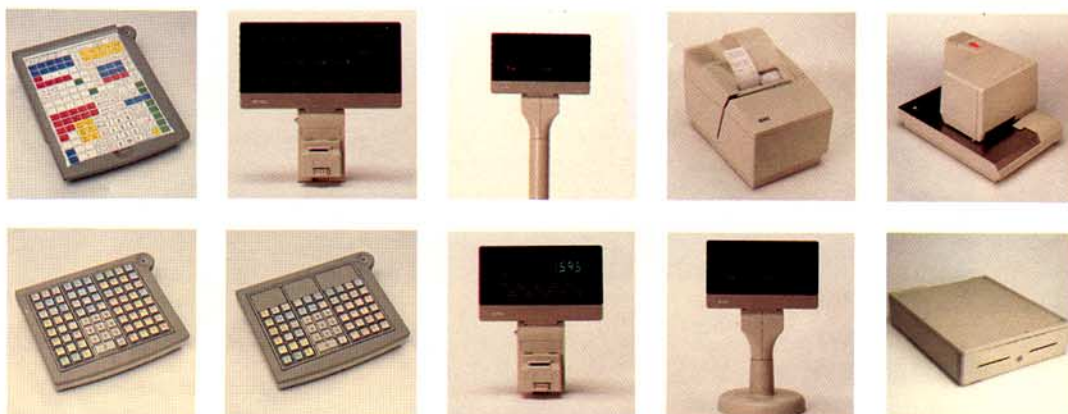


Another popular compact arrangement of the NCR 2170 is this unified version.

- Paid-out key
- Scalable PLU allows decimal quantity entry and multiplication of preset price
- Total, subtotal and Food Stamp total keys

■ **Management Reports**
Current Totals or Saved Totals

- Department Report (daily and P-T-D, several reports)
- System Financial (daily or P-T-D)
- Cashier Report
- PLU Reports (daily)
- Media Flash Report
- Activity Report (daily or P-T-D)
- End-of-day Reset Report
- P-T-D Reset Report



A great selection of plug compatible modules and options to choose from!

■ **Other NCR 2170 Features**

- Return and Transaction Return operations
- Training mode
- 3 levels of supervisor security
- Up to 3 tax tables, tax modifier keys and auto tax calculation
- High amount lock-out (HALO) control for open entry transactions
- Received-on-account
- Error correct, void item, and void transaction
- Supervisor intervention control
- Check cashing transaction
- Previous balance/credit balance pickup transaction
- Operator Sign-in: cashier (or cashier A & B) or no sign-in; secret code entry supported
- No Sale transactions
- Up to 8 tender keys, plus 2 foreign currency tender functions
- Up to 80 departments contained within 2 major groups with 9 subgroups each
- Credit/coupon PLUs
- PLU adjective control: allows up to 5 prices to be assigned to each PLU or UPC number
- Post receipt key
- 1 item discount key
- 2 regular discount keys allow discounts on all or only selected items

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