NCR 7800 Consumer Price Verifier

User's Guide

BD20-1306-A
Release C
September 1997

Contents

Chapter 1
Introducing the NCR 7800 Consumer Price Verifier

The Consumer Price Verifier 1-1
- Laser Scanning 1-2
- Bar Code Types 1-2

Chapter 2
Site Requirements for the NCR 7800 Consumer Price Verifier

Installation Considerations 2-1
- Physical Considerations 2-1
- Ventilation Requirements 2-1
- Environmental Considerations 2-2
- Power Considerations 2-3
- Compliance with ADA Guidelines 2-3
- Weight Considerations 2-4
- Store Layout Considerations 2-4
- Cable Requirements 2-5

Chapter 3
Installing the NCR 7800 Consumer Price Verifier

Installation 3-1
- Adapter Back Plate 3-1
- Square Post Mounting Considerations 3-2
- Round Post Mounting Considerations 3-3
- Mounting Band 3-4
- Connect the Interface Cable 3-6
- Mount Unit onto Adapter Back Plate 3-6

Chapter 4
Operating the NCR 7800 Consumer Price Verifier

NCR 7800 Operation 4-1
Scan Pattern Location 4-1
Label Orientation 4-2
Label Distance..... 4-2
Audible Read Indicators 4-2
Bar Code Quality 4-3
Preventitive Maintenance 4-4
Introduction to Customer 4-4

Chapter 5
Programming the NCR 7800 Consumer Price Verifier

Parameter Programming 5-1
Programming Tags 5-1
Base Programming State 5-3
Programming Mode 5-3
Programming Worksheets 5-4
Shortcuts..... 5-4
ASCII Characters 5-4
Default Modes 5-5
Defaults Table 5-6
Programming Tip 5-8
Communications Protocol 5-9
Protocol 5-9
Good Read Tone 5-10
Tone On/Off 5-10
Tone Frequency 5-10
Tone Length 5-10
Tone Volume 5-11
Timeouts 5-12
Lockout Time 5-12
Restart Lockout Timer 5-12
Active Time 5-12
Multiplier 5-13

Bar Codes - 1 5-14
UPC/EAN 5-14
Version D 5-14
Extend UPC-A to EAN-13 5-14
Extend UPC-E to UPC-A 5-14
Bar Codes - 2 5-15
Code 39 5-15
Minimum Characters Allowed 5-15
Full ASCII 5-15
Check Digit Present 5-15
Transmit Check Digit 5-15
Bar Codes - 3 5-16
Interleaved 2 of 5 5-16
Bar Code Length 5-17
Value 1 and Value 2 5-17
Check Digit Present 5-17
Transmit Check Digit 5-17
Bar Codes - 4 5-18
Code 128 5-18
Minimum Data Characters Allowed 5-18
UCC 128 5-18
Label Identifiers 5-19
Identifier Type 5-19
Default Prefix and Default Suffix 5-20
None 5-20
Unique Prefix and Unique Suffix 5-20
Common Byte 1 and Common Byte 2 5-22
Bar Code Type 5-22
Common Byte 5-23
Unique Identifier 5-23
Version Number 5-24
RS-232 Parameters - 1 5-25
Baud Rate 5-25
Parity 5-25
Stop Bits and Character Length 5-25
Handshake 5-26

RS-232 Parameters - 2 5-27
BCC Option 5-27
Interface Control 5-27
Check Digit 5-28
Retransmit on ACK/NAK Timer Expiration 5-28
RS-232 Prefix Byte 5-29
Prefix Byte 5-29
ASCII Code 5-29
RS-232 Terminator Byte 5-30
Terminator Byte 5-30
ASCII Code 5-30
Power-Up Message 5-31
Set Power-Up Message 5-31
Data 5-31
Display Parameters 5-32
Default Display Time 5-32
Character Set Selection 5-32
Parameter Version Number 5-33

Chapter 6
Troubleshooting the NCR 7800 Consumer Price Verifier

Fault Identification 6-1
Diagnostics 6-2
Diagnostics Feedback Points 6-2
Power-up Diagnostics 6-3
Real-time Diagnostics 6-4
Extended Diagnostics 6-4
Repairing the NCR 7800 6-6
Further Information 6-7
Demonstration Mode 6-8

Appendix A
Programming Worksheets

Communications Protocol A-1
Good Read Tone A-1
Timeouts A-2
Bar Codes - 1 ..... A-2
Bar Codes - 2 ..... A-3
Bar Codes - 3 ..... A-4
Bar Codes - 4 ..... A-4
Label Identifiers A-5
RS-232 Parameters - 1 ..... A-5
RS-232 Parameters - 2 ..... A-6
RS-232 Prefix Byte A-6
RS-232 Terminator Byte A-7
Power-Up Message A-7
Display Parameters A-7
Parameter Version Number A-8
Configuration Default A-8

Index

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/7800 user manual.html

And our free Online Keysheet maker:
https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/

HTTPS://THE-CHECKOUT-TECH.COM