

**SHARP**<sup>®</sup>  
POS TERMINAL

MODEL

**UP-600**  
**UP-700**

INTER-REGISTER  
COMMUNICATION SYSTEM

**INSTRUCTION**  
**MANUAL**



# TABLE OF CONTENTS

Page

■ Introduction .....	3
<b>1</b> Inline Operation .....	4
1. Message display .....	4
(1) The message displayed during inline communications .....	4
(2) Error messages .....	5
2. Open store operation (PGM2 mode) — master and satellite .....	6
3. Close store operation (PGM2 mode) — master and satellite .....	7
4. Sign-on operation (server assignment) (REG mode/MGR mode) .....	8
5. Server sign-on report .....	9
6. Sign-off operation (cancellation of server assignment) (REG mode/MGR mode) .....	10
7. Look-up and updating of the GLU/PBLU file .....	11
(1) Centralized GLU/PBLU file system .....	11
(2) Individual GLU/PBLU file system .....	11
8. PLU/UPC stock control .....	11
9. PLU/UPC data control .....	12
10. Price change function .....	13
11. Customer data control .....	13
12. T-Log polling .....	14
13. Communication with a remote printer (optional) .....	15
(1) Second (back-up) remote printer .....	15
(2) Remote printer send function .....	16
(3) Priority printing function .....	16
14. Rerouting print data .....	17
<b>2</b> Consolidated and Individual Reports .....	18
1. Operating modes .....	18
2. Job number .....	18
3. Consolidated reports — master/back-up master .....	19
(1) Report generation procedure .....	19
(2) List of consolidated reports (SYSTEM READING/RESETTING) .....	20
4. Individual reports — master/back-up master/satellite .....	23
(1) Report generation procedure .....	23
(2) List of individual reports (READING/RESETTING) .....	24
5. Server report .....	25
<b>3</b> IRC Programming .....	26
1. Setting the machine numbers — master and satellite .....	26
2. Setting the terminal numbers (IRC machine numbers) — master and satellite .....	27
3. Creating/updating the master list — master .....	28
(1) Creating the master list .....	28
(2) Deleting a machine from the master list .....	29
4. Specifying whether to enable or disable the system retry function when a transmission error occurs — master and satellite .....	30
5. Specifying the terminal to serve as a back-up master — master .....	31
6. Choosing whether to search the master or satellite first for the PLU/UPC code — satellite .....	32

7. Reading the contents of the IRC programming — master and satellite .....	33
8. Downloading the contents of the IRC programming to satellites — master .....	34
(1) Initial downloading .....	34
(2) Maintenance downloading .....	35
9. Programming for the remote printer .....	38
(1) Assigning kitchen printer numbers to remote printers — master and satellite .....	38
(2) Assigning the second kitchen printer number to each remote printer — master and satellite .....	39
(3) Naming the remote printer — master and satellite .....	39
(4) Specifying whether to enable or disable the function for data transmission to the remote printer — master and satellite .....	40
(5) Specifying the format of remote printing — master and satellite .....	40
(6) Specifying the format of chit printing — master and satellite .....	41
10. Reading the contents of the remote printer programming — master and satellite .....	42
11. Downloading the contents of the remote printer programming to satellites — master ...	43
12. Programming for the Manager Work Station (MWS) — master and satellite .....	44
(1) Programming of the terminal number .....	44
(2) Programming of the time-out value .....	45
(3) Programming of the gateway number .....	45
13. Reading the contents of the Manager Work Station (MWS) programming — master and satellite .....	46
<b>4</b> System Back-Up .....	47
1. How the IRC back-up system works .....	47
2. Master declaration — when the master or back-up master breaks down .....	48
(1) When the master breaks down — Master declaration at the back-up master .....	48
(2) When the back-up master breaks down — Master declaration at the master .....	50
3. Recovery declaration — when the master or back-up master recovers from a breakdown .....	51
(1) When the master recovers from a breakdown — Recovery declaration at the back-up master .....	51
(2) When the back-up master recovers from a breakdown — Recovery declaration at the master .....	53
<b>5</b> Error Recovery .....	54
1. Data clear operation .....	54
(1) Data clearing of the T-LOG buffer — master and satellite .....	54
(2) Data clearing of the capture data — master and satellite .....	55
(3) Data clearing of the transaction memory — master and satellite .....	55
(4) Data clearing of the hourly sales data memory — master and satellite .....	55
(5) Data clearing of the daily net sales data memory — master and satellite .....	55
(6) Data clearing of the server sign-on state — master .....	56
(7) Data clearing of the GLU/PBLU data in use — master .....	56
2. System retry function .....	57
<b>■</b> BASIC SPECIFICATIONS .....	59

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/sharp/UP-600 UP-700 programming IRC manual](https://the-checkout-tech.com/manuals/sharp/UP-600%20UP-700%20programming%20IRC%20manual)

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)