

# Sharp ER-A570 and ER-A610 IRC instruction Manual

# SHARP®

ER-A570/A610 INTER-REGISTER COMMUNICATION SYSTEM

ER-A570/A610 MASTER/SATELLIT-KOMMUNIKATIONSSYSTEM (IRC)

SYSTEME DE COMMUNICATION DIRECTE ENTRE ENREGISTREUSES DE LA ER-A570/A610

SISTEMA DE COMUNICACION ENTRE CAJAS REGISTRADORAS ER-A570/A610

MODEL  
MODELL  
MODELE  
MODELO

**ER-A57R1**  
**ER-A61R1**

INSTRUCTION MANUAL  
BEDIENUNGSANLEITUNG

MANUEL D'INSTRUCTIONS  
MANUAL DE INSTRUCCIONES

## TABLE OF CONTENTS

	Page
• INTRODUCTION .....	4
• IRC PROGRAMMING SETUP .....	5
1. Setting the machine numbers – master and satellite (#2612) .....	5
2. Setting the terminal numbers (IRC machine number) – master and satellite (#3610) .....	6
3. Creating/updating the master list .....	7
(1) Adding a machine to the master list – master (#3611) .....	7
(2) Deleting a machine from the master list – master (#3612) .....	8
4. Programming to enable or disable the manager retry function when a transmission error occurs – master and satellite (#3631) .....	9
5. Specifying the terminal to serve as the back-up master (#3616) .....	10
6. Specifying how the EAN/UPC code is searched – master and satellite (Only for ER-A610) (#3623) .....	11
7. Specifying whether the registration is disabled or enabled when the T-LOG buffer becomes full – master and satellite (Only for ER-A610) (#3640) .....	12
8. Reading the contents of the IRC programming – master and satellite (#3610) .....	13
9. Downloading IRC programming to satellites – master (#4900) .....	13
10. Programming for the remote printer .....	14
(1) Assigning remote printer numbers to the terminal numbers – master and satellite (#3650) .....	14
(2) Assigning the 2nd remote printer numbers to each remote printer – master and satellite (#3653) .....	14
(3) Naming the remote printer – master and satellite (#3654) .....	15
(4) Assigning printer numbers to departments – master and satellite (#2118) .....	15
(5) Assigning printer numbers to PLUs – master and satellite (#2218) .....	16
(6) Choosing the format of printing – master and satellite (#3655) .....	17
(7) Programming whether to enable or disable the data transmission to the remote printer – master and satellite (#3651) ..	17
11. Reading the contents of the remote printer programming – master and satellite (#3650) .....	18

	Page
12. Downloading the contents of the remote printer programming to satellites (#4950) .....	18
13. Programming of PLU/EAN/UPC stock quantity (#1220, 1221, 1222, 1020, 1021 and 1022) .....	19
• <b>INLINE OPERATION</b> .....	21
1. Message displays .....	21
(1) The status of the display during inline communication .....	21
(2) Error messages .....	21
2. Open store operation – master and satellite (#500) .....	23
3. Close store operation – master and satellite (#501) .....	24
4. Downloading of preset data .....	25
(1) Outline .....	25
(2) Downloading of preset data in the preset data file (or memory) of the master .....	25
List of downloading jobs .....	27
5. Sign on operation (Clerk assignment) .....	29
6. Cancellation of the sign on operation when a transmission error occurs – master (#5940) .....	30
7. Sign off operation (Cancellation of clerk assignment) .....	30
8. Manual sign on function – satellite .....	31
9. Notes on the inline system that uses the overlapped clerk system .....	31
10. Look-up and updating of the GLU/PBLU file .....	32
11. T-LOG polling (Only for ER-A610) .....	33
(1) T-LOG polling of EAN/UPC data .....	34
(2) T-LOG polling of customer management data .....	35
12. Price change function (Only for ER-A610) .....	36
13. Communications with a remote printer .....	37
• <b>CONSOLIDATED AND INDIVIDUAL REPORTS</b> .....	38
1. Mode switch positions .....	38
2. Job number .....	38
3. Notes for printing .....	38
4. List of consolidated reports – master/back-up master .....	39
• Sample print .....	48
5. List of individual reports – master/back-up master/satellite .....	49
6. Clerk report .....	54
7. Cashier report (Only for ER-A610) .....	56

	Page
8. List of reports that can be generated when a Compulsory Cash/Cheque Declaration (CCD) entry is compulsory .....	57
(1) When the individual clerk file allocation system is selected .....	57
(2) When the centralized clerk file allocation system is selected .....	58
9. Sales data resetting at individual machines with no save files .....	59
10. Reset clear operation – master (#1Y99) .....	60
• SYSTEM BACK-UP .....	60
(1) When the master and the back-up master is in normal working order ..	61
(2) When the master breaks down .....	61
(3) When the back-up master breaks down .....	62
• Master declaring operation .....	62
(4) When the master resumes its normal condition .....	63
(5) When the back-up master resumes its normal condition .....	63
• Recover declaring operation .....	63
• Summery of PGM-mode operations to be performed when the master (inline master) or back-up master breaks down .....	64
(1) When the master breaks down .....	64
(2) When the back-up master breaks down .....	65
• ERROR RECOVERY .....	66
1. Memory clear operation (master/satellite) .....	66
2. GLU/PBLU file recovery (master) .....	67
3. Error messages .....	67
• Transmission errors .....	67
• Application errors .....	68
4. Manager retry function (master/satellite) .....	69
(1) Retry function .....	70
(2) Accept function .....	70
(3) Cancel function .....	70
• BASIC SPECIFICATIONS .....	70
• HANDLING THE REMOTE PRINTER .....	71
• ER-03RP .....	71
• ER-04RP .....	76
• Appendix .....	81

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/ER-A570> and [ER-A610](https://the-checkout-tech.com/manuals/sharp/ER-A610) IRC instruction ma

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)