

**SERVICE MANUAL****ELECTRONIC  
CASH REGISTER****ECR360****SPECIFICATIONS**

Model number	ECR 360-4	ECR 360-8	ECR 360-8B
Number of department	4	8	8
Number of totals	64	72	168
Number of PLUs			96
Memory	CMOS RAM		
Battery	Rechargeable NiCd battery for memory protection (Holding time of memory: 1000 hrs)		
Printer	Digital line printer for Electronic Cash Register 9 digits for receipt, 9 digits for journal, Auto start-stop system		
Indicator	Green fluorescent multi digits display tubes 2 digits for department & symbol, 7 digits for amount		
Input capacity	Amount $\leq 7$ digits Entry-limited digits for department by programming	Multiplication Split pricing Fractional sale	Q'ty $\leq 4$ digits Q'ty sold & Q'ty priced $\leq 4$ digits Q'ty $\leq 5$ digits digits after decimal point $\leq 3$ digits Unit price & Result $\leq 7$ digits
Total capacity	GT1, GT2 $\leq 16$ digits, Other amount $\leq 8$ digits, Quantity & counter $\leq 4$ digits		
Roll paper	45 <sup>+0</sup> <sub>-0.5</sub> (W) x 80 ( $\phi$ ) mm (R-4073888) or 45 (W) x 75 ( $\phi$ ) mm (R-4075645-1)		
Ink roller	R-S17613		
Locking mechanism	Mode key switch, Journal protection key, Drawer lock key		
Operation temperature	0° ~ 40°C (32° ~ 104°F)		
Power supply	AC Local Voltage $\pm 10\%$ , 50/60Hz		
Power consumption	Stand by 12W, MAX 35W		
Dimensions	405 (W) x 423 (D) x 350 (H) mm		
Weight	12 kg		
Optional accessories	Compulsory drawer, Water-proof keyboard cover		

## CONTENTS

1. HOW TO PROGRAM .....	1 ~ 6
2. BLOCK DIAGRAM .....	6
3. CABLE CONNECTION DIAGRAM.....	7
4. OPENING THE UNIT .....	7 ~ 8
5. DEVICE SPECIFICATIONS .....	8 ~ 9
6. TROUBLE SHOOTING .....	10~12
7. HOW TO CLEAR THE NON-RESETTABLE TOTAL & Z COUNTER...	13
8. MACHINE INITIALIZE .....	13
9. DESCRIPTION OF MAIN CONTROLLER.....	13~19
10. SWITCH SELECTION & OTHER OPTIONAL SELECTION .....	19
11. DESCRIPTION OF PRINTER CONTROLLER .....	20~23
12. MAINTENANCE & REPAIR OF PRINTER .....	23~27
13. POWER SUPPLY SECTION .....	27~29