

# SHARP

# SERVICE MANUAL

CODE: 00ZER2540SM-E

## ELECTRONIC CASH REGISTER



# MODEL ER-2540

OPTION: ER-45PL4  
ER-12HK2  
ER-11KT2  
ER-12KT2  
ER-22KT2  
ER-11DK2

PRINTER: CR-910  
SRV KEY: LKGIM6959RCZZ(2B5)

### CONTENTS

1. Internal block diagram .....	1
2. Special service tools .....	2
3. Reference documents .....	2
4. Options .....	2
5. Specifications .....	3
6. SRV (Service) mode .....	7
7. PGM (Program) mode .....	15
8. Reading & resetting (CLKX/Z, X1/Z1, X2/Z2) mode .....	27
9. Test functions (in the SRV mode) .....	28
10. Outline of functions .....	31
11. Service precautions ..	33
12. Circuit block diagram .....	33
13. $\mu$ PD7801G and $\mu$ PD7507C terminal signals .....	34
14. Circuit descriptions .....	35
15. Circuit diagrams and PWB layouts	

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-2540 service manual.html](https://the-checkout-tech.com/manuals/sharp/ER-2540%20service%20manual.html)

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)