

SHARP SERVICE MANUAL

CODE : 00ZER311VOSME

ER-3110 OPTION #1

IN-LINE INTERFACE

ER-30IN

RS232C INTERFACE

ER-30RS

CONTROL ROM

MODEL ER-31RM

CONTENTS

ER-30IN & ER-31RM	1-1
ER30RS & ER-31RM	2-1
PARTS GUIDE	

**IN-LINE INTERFACE &
CONTROL ROMS
FOR ER-3110 SYSTEM**

**ER-30IN
MODEL ER-31RM**

(Options for ER-3110)

CONTENTS

1. ER-3110 IN-LINE SYSTEM CONFIGURATION	1-2
2. HARDWARE REQUIREMENTS	1-2
3. FILE/DATA ALLOCATION IN THE ER-3110 (IN-LINE) SYSTEM	1-3
4. TEST FUNCTIONS	1-14
5. HARDWARE DESCRIPTION	1-16
6. CIRCUIT DIAGRAM	1-19
7. PWB LAYOUT	1-20

* For the installation procedure of ER-30IN and ER-31RM, refer to ER-3110 Service Manual.

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-3110 service option Inline and RS232](https://the-checkout-tech.com/manuals/sharp/ER-3110%20service%20option%20Inline%20and%20RS232)

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)