

ELECTRONIC CASH REGISTER
J3500E
SERVICE MANUAL

DOCUMENT No. 5190-02-03

REV.01

TITLE : J3500E SERVICE MANUAL

DRAW	CHECK	APPR.

PREPARED BY K. SAKAUE 2004/12/6

APPROVED BY _____

COPY RIGHT 2004 BY JAPAN CASH MACHINE CO., LTD.

TABLE OF CONTENTS

1	Introduction	1
2	Installation procedure.....	1
	2.1 unpacking	1
	2.2 Emergency cash drawer release	2
	2.3 Preparation for use	2
	Dip switch setting.....	2
	Initial reset procedure.....	2
	Diagnostics.....	3
3	Theory of operation	4
	3.1 system block diagram	4
	3.2 circuit description	5
	3.2.1 power circuit	5
	3.2.2 PF CIRCUIT	6
	3.2.3 KEY BOARD CIRCUIT	7
	3.2.4. display circuit	8
	3.2.5. printer drive circuit	9
	3.2.6. Comparator circuit	9
	3.2.7. Motor drive circuit(paper feed motor)	10
4	Trouble shooting	11
5	CONNECTOR LAYOUT	13
	5.1 CONNECTOR TABLE	14
	5.2 Standard inner cable pin assignment	16
	5.3 Optional cable pin assignment	16
6	Appendix	17
	Revision table	18

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/jcm/J-3500E service manual.html](https://the-checkout-tech.com/manuals/jcm/J-3500E%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)