

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
	<b>2.1 unpacking</b> .....	1
	<b>2.2 Emergency cash drawer release</b> .....	2
	<b>2.3 Preparation for use</b> .....	2
	Dip switch setting.....	2
	Initial reset procedure.....	2
	Diagnostics.....	3
3	Theory of operation .....	4
	<b>3.1 system block diagram</b> .....	4
	<b>3.2 circuit description</b> .....	5
	<b>3.2.1 power circuit</b> .....	5
	3.2.2 PF CIRCUIT .....	6
	<b>3.2.3 KEY BOARD CIRCUIT</b> .....	7
	<b>3.2.4. display circuit</b> .....	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
	<b>5.1 CONNECTOR TABLE</b> .....	14
	5.2 Standard inner cable pin assignment .....	16
	5.3 Optional cable pin assignment .....	16
6	Appendix .....	17
	Revision table .....	18

[Click here to download the full manual at THE-CHECKOUT-TECH.COM](http://THE-CHECKOUT-TECH.COM)