


OLYMPIA 

CM 1810 plus

Technical Manual

TABLE OF CONTENTS

1. INTRODUCTION	2
1.1 Principal Specifications	2
1.2 Basic Function	2
1.3 System Block Diagram.....	2
2. CIRCUIT	3
2.1 Power Supply Circuit.....	3
2.2 Transformer Wiring Diagram	4
2.3 Power Supply Specifications	4
2.4 Main Circuit.....	5
2.4.1 CPU.....	5
2.4.2 Reset Circuit.....	9
2.4.3 Power Fail Circuit	9
2.4.4 Display Circuit.....	10
2.4.5 Drawer and Stamp Circuits.....	11
2.4.6 Buzzer Circuit	11
2.4.7 Keyboard Circuit.....	12
2.4.8 Battery Circuit.....	13
2.4.9 External Memory Circuit	14
2.4.10 Printer Circuit.....	16
3. TROUBLE SHOOTING PROCEDURE.....	17
4. PRINTER INFORMATION	18
4.1 General Specifications	18
4.2 Detailed Specifications	19
4.3 Printer Connection and Character Wheel Layout.....	20
5. DISPLAY INFORMATION.....	21
6. CIRCUIT DIAGRAM	22
7. PCB LAYOUT	24
8. INSTALLATION.....	26
8.1 Keyboard Assembly	26
8.2 Cash Drawer Assembly.....	27
8.3 General Drawing of CM1810 PLUS	28

This is a “Table of Contents preview” for quality assurance

The full manual can be found at <http://the-checkout-tech.com/estore/catalog/>

We also offer free downloads, a free keyboard layout designer, cable diagrams, free help and support.

<http://the-checkout-tech.com> : *the biggest supplier of cash register and scale manuals on the net*