

EC Electronics, Limited



User Manual

EC-CD-200

CASH DRAWER

NOTICE

The manufacturer of the POS cash drawer makes no representations or warranties, either expressed or implied, by or with respect to anything in this manual, and shall not be liable for any implied warranties of fitness for a particular purpose or for any indirect, special or consequential damages. Information in this document is subject to change without notice and does not represent a commitment on the part of the manufacturer.

INTRODUCTION

- Industrial grade materials
- Economical
- Self-adjustable bill compartments
- Small foot-print
- Drawer open from any POS printer drive circuit which has RJ interface
- Three-position lock with unique key
- Security – no screws appear outside of the drawer
- Slot for non-cash (Cheque) or large amount bill
- Contemporary style
- Accuracy mechanical parts with tight tolerance to assure wobble-free drawer movement
- Fully compatible for other brands
- Ready for OLE POS (OPOS) OCX driver

PACKING CONTENTS

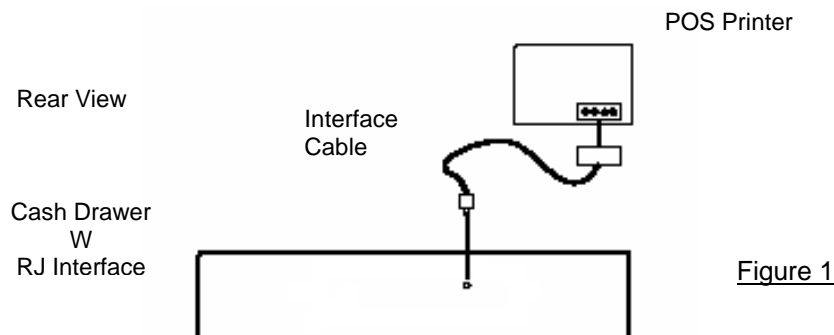
1. Cash Drawer, pre-assembled X 1
2. Key X 2
3. Bill dispenser divider X 4
4. Coin dispenser divider X 6
5. Metal Bill Clipper X 5
6. User manual X 1

INSTALLATION

The cash drawer has been pre-assembled to make the installation as simple as possible. Connect the drawer to the POS printer as shown in Figure 1. Whenever the POS application software sends a drawer open command to the POS printer, the printer will output a 12 to 24 voltage electrical pulse to open the drawer.

PROCEDURE

1. Remove the cash drawer from the packing, then remove the keys and interface cable from the plastic bag.
2. Connect the interface cable to the POS printer.
3. Connect the other end of the interface cable to the "Control Signal Input" of the cash drawer.
4. Insert the bill dispenser divider and bill clipper to the cash tray.



TEST COMMAND

The following test sequence will verify that the cash drawer is working properly. Before start this procedure, the cash drawer must install correctly as outlined in the installation section.

PROCEDURE

Serial interface POS printer:

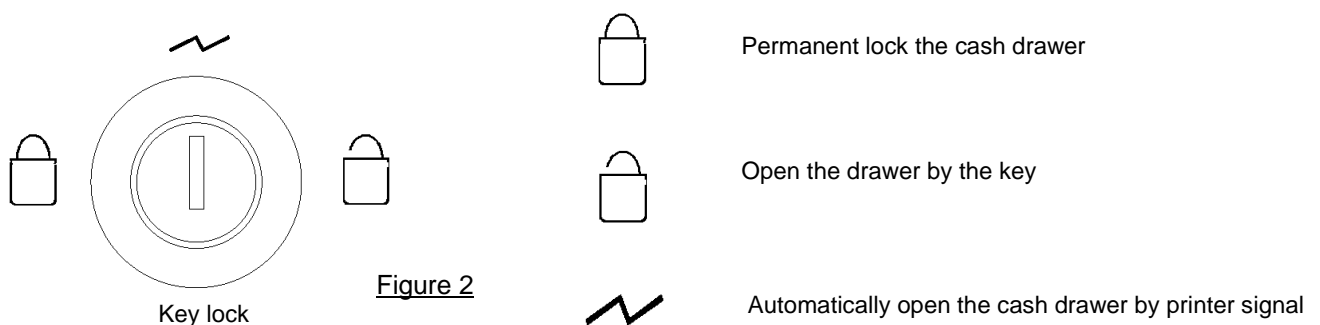
1. From the C prompt type "MODE COM 1 96,N,8,1" and press ENTER.
2. Type "TYPE CON>COM1" and press ENTER.
3. Type any alphanumeric character(s) and press ENTER. The cash drawer will open.
4. To return to the C prompt press and hold the CTRL key while depressing the letter C.

Parallel interface POS printer:

1. From the C prompt type "TYPE CON>LPT1" and press ENTER.
2. Type any alphanumeric character(s) and press ENTER. The cash drawer will open.
3. To return to the C prompt press and hold the CTRL key while depressing the letter C.

KEY LOCK OPERATION

The cash drawer has a three position key lock (Figure 2) and the fully counter clockwise lock position offers maximum security. The cash drawer cannot be opened by printer signal or an individual when the lock is in the full counter clockwise position. With the lock in the center position, the drawer will open when an electronic pulse is received from the POS printer. The cash drawer is manually opened when the lock is in the clockwise position.



SPECIFICATIONS

MECHANICAL	
Overall dimensions (mm)	425 (W) X 440 (D) X 100 (H)
Mass (Approx.)	7.9 Kg
ELECTRICAL (Input to Solenoid)	
Pulse amplitude	8 -12 VDC / 12 – 24 VDC
Pulse width	100 – 200 msec
Pulse duty cycle	10% max.
Max. Input voltage	26.5 VDC
Current consumption	1A @ 12 VDC
Activation current	0.9 A max.
INTERFACE CABLE	
Pin 1 (White)	Not connected
Pin 2 (Black)	Solenoid -
Pin 3 (Red)	Switch +
Pin 4 (Green)	Solenoid +
Pin 5 (Yellow)	Not Connected
Pin 6 (Blue)	Switch -
CONTROL COMMAND	
ESC / POS	Ready
OLE POS (OPOS) OCX	Ready
SUPPORTING OS	
DOS, UCDOS, LINUS, Windows 95, 98, NT, 2000, ME, XP, XPe, Vista, Win 7, WIN 8	Ready