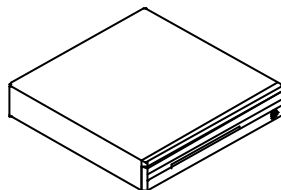


# CR-6300 SERIES CASH DRAWER USER'S MANUAL

**POSIFLEX**



## **FCC Notes:**

## **Rev. Original**

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with limits for a Class A digital device pursuant to subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures to correct the interference.

## **Warranty Limits:**

Warranty terminates automatically when any person other than the authorized technicians opens the machine. The user should consult his/her dealer for the problem happened. Warranty voids if the user does not follow the instructions in application of this merchandise. The manufacturer is by no means responsible for any damage or hazard caused by improper application.

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## **MODEL NUMBERS**

<b>Model</b>	<b>CR-6310 / CR-6314 / CR-6315</b>
<b>Bill Compartment</b>	5 Fixed
<b>Bill clip</b>	Metal
<b>Coin compartment</b>	5 Fixed
<b>Coin Roll storage</b>	4 Behind Cash Tray

**Note:** The CR-631X series cash drawer is securely constructed with non-glossy textured static deposit painted heavy duty steel casing.

## **INTERFACE APPLICATION**

<b>Model Number</b>	<b>Interface</b>	<b>Security Code</b>	<b>Power / Source</b>
CR-6310	Printer drive	N. A.	12/24 V Pulse / Printer
CR-6314	Dedicated RS232 serial	N. A.	12VDC / PC
CR-6315	USB	USB PID	12VAC / Adaptor

## **CARTON CONTENTS**

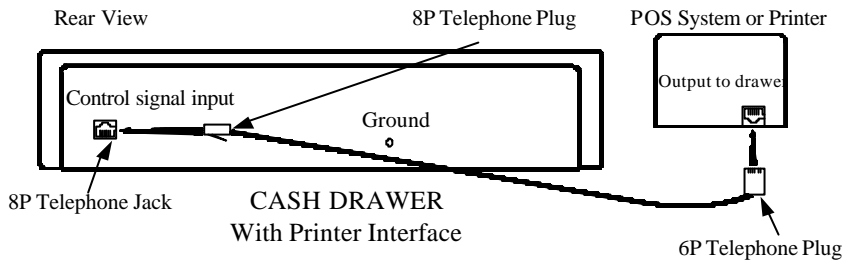
1. Cash drawer pre-assembled.
2. User's manual.
3. Key 2pcs: There is a key serial No. sticker on the cash drawer bottom plate. If user lost the key he/she can order the key according to this number.
4. Signal Cable depend on model
  - a). For CR-6310: The standard signal cable is 21863018010 which has a 8 pin plug at one end to connect to the cash drawer and a 6 pin plug at the other end to connect to the POS system/printer. This cable serves for most popularly used POS equipment such as all Posiflex POS terminals, all Posiflex POS printers, most Epson POS printers, most Star POS printers and all other compatibles. The user may cut the 6 pin end and assemble this free end according to his POS printer specification if the POS printer used utilizes different connection. The cable connection on the wires is as below:

<b>Wire color</b>	<b>RJ45</b>	<b>Function</b>
Red	Pin 1	Drawer open sense
Blue	Pin 2	Drawer open sense return
Green	Pin 7	+ 24V to solenoid
Yellow	Pin 8	Drawer kick pulse

- b). For CR-6314: The serial signal cable is already built on.
  - c). For CR-6315: USB cable is already built on.
5. Power Source depend on model
- a). For CR-6310: not applicable
  - b). For CR-6315: Power adapter 12VAC 1.5A
  - c). For CR-6314: Power connector cable and I/O bracket plate.

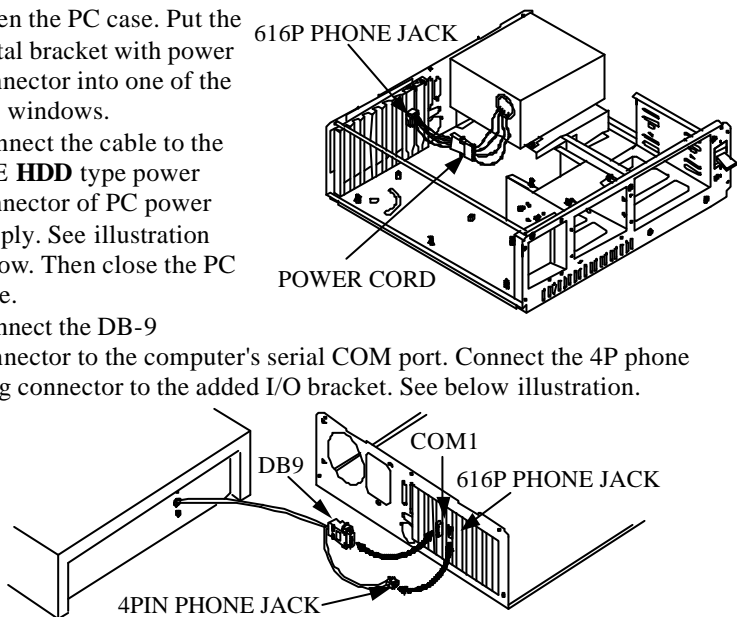
## INSTALLATION

**CR-6310** Connect the drawer to **POS** system/printer as shown below:



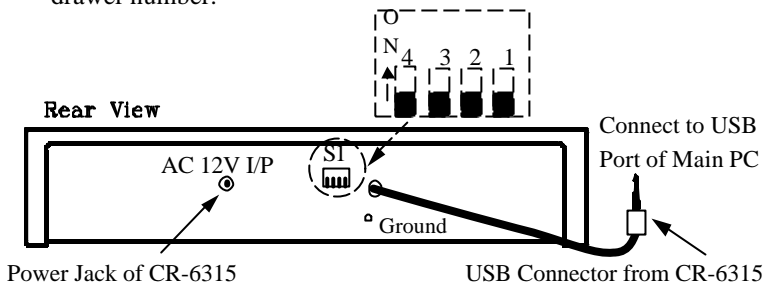
### **CR-6314**

- 1). Open the PC case. Put the metal bracket with power connector into one of the I/O windows.
- 2). Connect the cable to the IDE **HDD** type power connector of PC power supply. See illustration below. Then close the PC case.
- 3). Connect the DB-9 connector to the computer's serial COM port. Connect the 4P phone plug connector to the added I/O bracket. See below illustration.



## CR-6315

- 1). Define a drawer number for the cash drawer so that this cash drawer is going to respond accordingly in USB communication. Follow the table below for “Switch settings” to adjust the switch S1 according to this drawer number if it is not 7. Please note that within each system there should never be any 2 USB interface cash drawers carrying the same drawer number.



### Rear View of Model CR-6315 Cash Drawer with USB Interface

#### Switch settings:

Drawer	0	1	2	3	4	5	6	7
SW1	ON	OFF	ON	OFF	ON	OFF	ON	<b>OFF</b>
SW2	ON	ON	OFF	OFF	ON	ON	OFF	<b>OFF</b>
SW3	ON	ON	ON	ON	OFF	OFF	OFF	<b>OFF</b>
SW4	Reserved							

**Default setting: Drawer 7 (SW1: OFF; SW2: OFF; SW3: OFF)**

- 2). Connect USB connector of cable coming out from the rear side of the USB interface cash drawer to USB port of main PC.
- 3). Check the specification of power adaptor on its nameplate. Insert the power adaptor into the correct power outlet. Insert the output plug to the jack at rear side of CR-6315 to supply power for drawer kickout.
- 4). Install the USB utility driver from Posiflex Product Information CD with Posiflex POS system or visit our web sites <http://www.posiflex.com> or <http://www.posiflex.com.tw> or <http://www.posiflexusa.com> for latest updates.

#### UPOS driver application (Applied for all Posiflex cash drawer)

Please first find in Posiflex Product Information CDROM or download from Posiflex web sites for UPOS driver setup. In this application

CR-6314 responds to openDrawer command only; CR-6310 is compliant to UPOS version 1.7 and CR-6315 is compliant to UPOS version 1.8.

## **SPECIFICATIONS**

**MECHANICAL:**      Dimensions:  
                         426 (W) x 456 (D) x 100 (H) mm  
                         Weight:      8.8 Kg  
                         Removable tray with a lock-on cover (option)

### **ELECTRICAL:**

#### **Power Source**

Solenoid Drive (for CR-6310)

Pulse Amplitude	12 to 24 VDC
Pulse Width	100 to 250 msec
Pulse Duty Cycle	10% max.
Max. Current Consumption	0.75A @ 12 VDC/1.5A @ 24 VDC

AC Adaptor (for CR-6315)

Input Voltage	120 VAC $\pm$ 10 % / 240 VAC $\pm$ 10 % @50-60 Hz
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Output Voltage	12 VA C at 1.5 A
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DC Power Kit (for CR-6314): +12 V DC and + 5 V DC

#### **Interface**

Direct Drive: CR-6310

Serial (RS232C):	CR-6314
Baud rate	150 ~ 19200
Parity	none, even, or odd
Data Bits	7 or 8
Stop Bits	1 or 2

USB (1.1): CR-6315

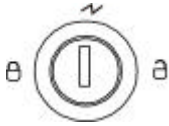
#### **Security Code**

CR-6315	USB PID
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#### **Drawer Open Sense**

CR-6310	Drawer open sense circuit shorts when open
CR-6315	Through USB driver

## KEYLOCK OPERATION



### Keylock

Lock (🔒): Physically lock the drawer.

Open (🔓): Open the drawer by the key.

Standby (⚡): Automatically open the drawer by POS printer or POS system or interface signal control

## STRUCTURE

Check Slot



### Tray:

