JAY®

Electronic USB 12V Cash Drawers
Models 29, 49, 209, 309, 409, 509, 609, 1409, 2409
Cash Drawers work with POS PC Terminals
Installation Instructions

JAY Electronic USB 12V Cash Drawers work directly with POS PC Terminals through a user designated USB I/O port
JAY Cash Drawer Driver Software v2.6.1 supports Microsoft Windows Operating Systems:
XP SP3 32bit; Vista SP1 32/64bit; 7 SP1 32/64bit; 8 32/64bit; 8.1 32/64bit

In Box with Cash Drawer:
Security Lock Keys (2)
RJ Interface Cable
USB Interface Cable
USB Module
No CD is included. Download Software from Company Web Site. See "Install Driver Software ..."

Lock Functions:
1. LOCK OPEN (Straight up & down) - Normal operating status.
2. LOCK CLOSED (Turn Key right) - Cash drawer does not open.
3. MANUAL OPEN (Turn Key left) - Emergency drawer entry.

Setup Procedures - Must be performed in the order as follows:

Install Cash Drawer Cash Tray &/or Coin Till:
1. Open cash drawer.
2. Remove the hold-down tape from installed cash tray &/or coin till.
3. Make sure that cash tray &/or coin till is/are seated flat in the drawer.

Connect Cash Drawer to POS Terminal:
1. Connect one end of the interface cable 6P6CRJ11(M) plug to the 6P6CRJ11(F) jack located in back of the cash drawer.
2. Connect the other end of the interface cable 6P6CRJ11(M) plug to the RJ(F) jack on the USB Module.
3. Connect one end of the USB Interface Cable to the USB(F) jack on the USB Module.
4. Connect the other end of the interface cable USB(M) plug to the selected USB(F) I/O Port on the POS Terminal.

Install Driver Software v2.6.1 onto the POS PC Terminal:
1. Download the USB Cash Drawer Driver Software v2.6.1 from Company web site: www.jaysystems.com.
   a. Click on Products.
   b. Click on Cash Drawers.
   c. Scroll to bottom of listing & find "JAY USB Cash Drawer Software v2.6.1".
   d. Click "HERE" to download software. Menu is displayed.
   e. Follow installation instructions.
2. Follow menu instructions:
   a. Setup I/O port.
   b. If a USB I/O cannot be selected see NOTE 1 under "Trouble Shooting".

Perform Test Operation:
1. Press Test:
2. Cash drawer opens.
3. If cash drawer does not open:
   a. Check connections.
   b. Redo Setup Procedures.
4. If drawer continues to not open see NOTE 2 under "Trouble Shooting".

End of Setup Procedures

Trouble Shooting

NOTE 1 - Selecting a USB I/O Port:
When selecting USB as the interface & no connection is made, different messages may appear on screen. For instance, "All USB interfaces in use, please delete any unused USB printers and make sure your printer is plugged in and turned on". The problem lies with the PC I/O ports. PC maintenance needs to be performed. Some PC corrective actions that can be performed by the user:
1. If a "line" printer is also attached go into the printer properties & change the port to USB002. The "line" printer likely has USB001. Since the printer has moved around between ports it could even be USB003 or USB004.
2. If all USB I/O ports are shown as "occupied" & devices are actually connected, then a port extender may be needed
3. Run the installer again after plugging the POS receipt printer into another USB port.
4. If the problem persists a qualified IT is needed to perform maintenance to the PC. See **NOTE 3.**

NOTE 2 -Cash Drawer Does Not Open:
1. Determine if the system application program software ("SAPS") communicates with the printer/drawer driver by Driver Based Communications or Direct Based Communications.
2. Driver Based Communications is handled automatically through the printer driver which controls the opening the cash drawer. Therefore, this method should not be causing the cash drawer to not open.
3. Direct Based Communications SAPS has Drawer Open Codes that are programmed into the SAPS to allow the drawer to function. These Codes are in the format expected by the system application program. The Codes need to be changed.
   a. Manually enter the Cash Drawer Open Codes.
      i.   Try values from "Codes" column.
      ii. If values from Codes column do not work, try "Alternate Codes.
   b. If the Codes are fixed contact the software vendor to request that the SAPS be changed to allow manual entry of the Printer/Cash Drawer Open Codes.

Printer/Cash Drawer Open Codes		
Format	Codes	Alternate Codes
Decimal	27, 112, 0	27, 112, 0, 0
Hex	1B, 70, 0, 0	18, 70, 0
ASCII	ESC, p, NUL	ESC, p, NUL, NUL
ASCII Carat Notation	^[p!!	^[p!
Generic Text Only Driver	<1B>p<00>	<1B>p<00><00>

NOTE 3 - Qualified IT Services:
1. Hire a local qualified IT service to perform maintenance to the PC.
2. Contact the Company approved 3rd party IT Service:
   Baker Technology Service LLC / email: btechserv@mchsi.com

Questions?: Contact the Company by email: jay@bletzinger.com

Notices

Inspect Cash Drawer Within the 1st 24 Hours of Receipt - Verify that there is no damage to the cash drawer or missing items listed under "In Box".

If Cash Drawer Arrives Damaged
1. Contact customer service by email: jay@bletzinger.com.
2. Do not remove any screws or attempt to repair cash drawer. Warranty & shipping insurance will be voided.

In Case of Return - Save Original Cash Drawer Carton - Product must be returned in the original cartons. The Company does not provide replacement shipping containers. Only merchandise returns with all original items received in original packaging will be accepted.

Warranty extends to JAY® **Brand Products used under normal operating conditions for purpose intended. See "Terms & Conditions".**