



AUTHORIZED
Keystroke[™]
 DEALER

“Solenoid Only” Cash Drawer Tips

Please read these instructions prior to installing and connecting the cash drawer to your point of sale system.

Introduction:

A “solenoid only” cash drawer contains no intelligent components, no transistors, no integrated circuits, no serial interface and no parallel interface. A “solenoid-only” cash drawer must be connected to a “driver” and opens only when activated by a signal from the "driver."

“Driver” (defined):

A “driver” consists of the electronic circuitry, connector (plug or jack) type and specific connector pin definition that activates a solenoid within an attached cash drawer. When the solenoid activates, the cash drawer opens.

When your computer’s point of sale software is programmed to open the drawer, it sends the correct “code” to the driver. The driver evaluates the code and if it matches the code required by the driver to open the drawer, the driver circuitry activates and the drawer opens.

Cash drawer drivers are sold in several forms:

- Boards which install into a slot within your computer
- Interface boxes which attach to existing LPT or COM ports on your computer
- Built into receipt printers.

The most common form of cash drawer drivers is the type built into receipt printers.

Receipt printer cash drawer drivers:

Most point of sale receipt printers have a built-in cash drawer driver. Your point of sale software must be programmed to send the required activation code to the receipt printer LPT (or COM) port to open the drawer.

NOTE

There is NOT a specific, industry-wide standard for cash drawer drivers. Driver voltages, connector types, connector pin definitions and “open” codes differ from receipt printer manufacturer to manufacturer. You must acquire a cash drawer which conforms to the cash drawer driver built into your receipt printer.

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Installation:

1. Verify that you have a cash drawer which is compatible with the driver circuitry within your receipt printer.
2. Prior to attaching the cash drawer to your receipt printer, make sure the printer power is OFF and the printer power connector is unplugged from the power source. (Observe this precaution whenever you attach or disconnect ANY data cable from your computer or printer).
3. Refer to the documentation supplied with your receipt printer to locate the cash drawer driver connector on your model of receipt printer. Connect the plug from the cash drawer into the appropriate connector on your receipt printer.
4. Refer to the documentation supplied with your point of sale program and configure the cash drawer port parameters to use the LPT (parallel) or COM (serial) port which has your receipt printer attached. (When using Keystroke Point of Sale, at Main Menu: Configuration Manager, Setup, Cash Drawer, Port)
5. Refer to the documentation supplied with your receipt printer and note the cash drawer “open” code required by the printer’s cash drawer driver. Then configure your point of sale program to send this “open” code to the receipt printer to open the cash drawer. (When using Keystroke Point of Sale, at Main Menu: Configuration Manager, Setup, Cash Drawer, Open Codes) (For Star printers, set the first drawer open code to 7. Leave all other drawer open codes set to 0.)