



The Key to your Cash Drawer requirements

ECD HT 52155 Programmable Serial Interface



Many POS applications utilise some form of Journal Printer to connect and drive what is essentially a 'dumb' Cash Drawer. Others employ a more direct connection, via an interface to drive the cash drawer. However, this interface is often installed within the actual cash drawer which serves to limit the user in the choice of drawer both by manufacturer and type for specific applications. In addition in many instances the software has been written specifically for a particular make of cash drawer and cannot easily be changed by the user or indeed distributor to accommodate another supplier's interface.

The HT52155 Universal Programmable Cash Drawer Interface has been designed to resolve these problems and allows any of the ECD range or indeed third party drawer to emulate almost any existing cash drawer setup. Configured initially to emulate an Epson printer with cash drawer connected, the HT52155 can be reprogrammed to operate on any other command string. Programming of the interface is accomplished on a Windows based PC with a simple setup program. This method means that there are no switches or setup links to fail in the relatively harsh environment of a retail Till system.

For new applications, many extra features are available including running security counters of manual 'opening' and system 'opening' of the cash drawer, drawer switch 'inversion' feature, and selectable baud rate.

SPECIFICATION

- Fully programmable 'Open Drawer' command:
 - From 1 to 8 bytes of 'Escape Sequence / Codes'
 - Programmable 'Pulse Width'
 - Programmable 'Drawer Number'
 - Programmable 'Hold-off' time
- Fully programmable 'Get Drawer Status' command:
 - From 1 to 8 bytes of 'Escape Sequence / Codes'
 - Programmable 'Drawer Number'
- Two fully programmable 'Replies' to the 'Get Drawer Status' command:
 - From 1 to 7 bytes of 'Reply' codes.
- Two readable security 'Counters' for usage monitoring: [retained during Power Off]
 - One 'Drawer Opened by System Command' counter
 - One 'Drawer Manually Opened' counter.
- Internal Memory retains programmed data / configuration during Power Off conditions. Non-Volatile Memory guaranteeing a minimum of 10 years data retention. Memory Lock prevents further programming.
- Simple 'Shareware' setup program available to 'Program' the interface.
- Emulates most intelligent Cash Drawers and Printers with Cash Drawer interfaces.e.g. EPSON, STAR, CITIZEN, JUKI etc. compatible. Emulates most Cash Drawer Standards.
- Daisy-Chaining of interfaces permitting more than one Cash Drawer per RS232 cable.
- Output connector for daisy-chaining and / or Printer connection.
- Programmable Baud Rate from 300 to 19200 Baud.
- Invert function to select 'normally open' or 'normally

TECHNICAL

- PC RS232 compatible
- RS232 Printer Output Connector
- Epson compatible RJ11 cash drawer connector
- Small size: L110 x W55 x D25 mm
- 12 or 24 volt operation from external Power Supply [supplied separately]