

CR3000 Series

Cash Drawers



- Supports all major POS printers
- Wide selection of interfaces: printer-driven, RS232C, USB, programmable parallel or serial, pass-through, and OPOS
- Port-powered drawers available with serial or USB interface. No power adapter required
- High security design with all metal construction and no external screws
- Three position lock for maximum cash security
- Small form factor without sacrificing till size
- Adjustable bill and coin compartments
- Media slot for checks and large bills

Unparalleled Reliability and Value

Logic Controls cash drawers offer unparalleled reliability and value, with failure rates one-fifth that of other leading cash drawer vendors according to industry sources. Best of all, these high quality cash drawers are available at prices that drive superior value.

Compact, Efficient and Secure

The CR3000 series of standard duty cash drawers is compact in size, enabling retailers to utilize scarce counter or shelf space for more important functions. The units make very efficient use of internal space, however, with the till being almost the same size as those found in larger drawers. The CR3000 series also comes with important security features: all metal construction, no exposed screws, and three position locks.

Works with Any System

Logic Controls cash drawers work with all major brands of POS printers and offers a wide selection of interfaces. CR3000 Series' interfaces include printer driven, serial, USB, programmable parallel or serial, pass-through, and OPOS. The CR3001, in fact, is a 4-in-1 multi-interface cash drawer with an I/O port expansion hub. The serial and USB cash drawers are port-powered, while CR3001 units come with either 120V or 220V power adapters.

CR3000 SERIES CASH DRAWER SPECIFICATIONS

MECHANICAL

Weight: 14.3 lbs
 Dimension (Height x Width x Depth): 3.3" x 15.7" x 16.1"
 Bill and Coin Tray: Adjustable slots

ELECTRICAL

CR3000 (Controls signal from POS printer)
 Pulse amplitude: 12 to 24 volts DC
 Pulse width: 100 to 200 milliseconds
 Pulse duty cycle: 10% max.

CR3001

Power adapter input: 120VAC; 220VAC optional
 Power adapter output: 12VAC
 Power adapter current: 1000ma

CR3002

Pulse amplitude: +12 volts
 Pulse width: 50u sec - 6.7m sec
 Pulse duty cycle: 20% min

INTERFACE

CR3000 (Printer Driven): Connects to POS printer drive circuit via supplied cable

CR3001 (4-in-1 smart interface)

Serial input
 Data format: RS232C
 Protocol
 Baud Rate: 150, 300, 600, 1200, 2400, 4800, 9600*, 19200
 Parity: None*, Odd, Even
 Data Bits: 7,8*

Serial input
 Data format: Centronics interface

CR3002: RS232C, any protocol

* Default values

OPEN DRAWER COMMAND

CR3000: Pulse from printer drive circuit

CR3001

Printer: Pulse from printer drive circuit
 Dedicated RS232C: Any software transmitted data
 Non-dedicated RS232C: Programmable security code (1-255 hex, preset to 07 Hex)
 Parallel: Programmable security code (1-255 hex, preset to 07 Hex)

CR3002: Any software transmitted data

CONNECTOR PINOUT INFORMATION CR3001

P1 (DB25M) - Parallel input from computer

1	-Strobe	10	-ACK
2	Data 0	11	Busy
3	Data 1	12	Paper end
4	Data 2	13	Select
5	Data 3	14	-Auto feed
6	Data 4	15	-Error
7	Data 5	16	-initialize printer
8	Data 6	17	-Select Input
9	Data 7	18-25	Ground

P2 (DB25F) - Parallel output to printer

1	-Strobe	10	-ACK
2	Data 0	11	Busy
3	Data 1	12	Paper end
4	Data 2	13	Select
5	Data 3	14	-Auto feed
6	Data 4	15	-Error
7	Data 5	16	-initialize printer
8	Data 6	17	-Select input
9	Data 7	18, 21, 25	Printer detection
		19, 20, 21-24	Ground

P3 (DB25M) - Serial input from computer

2	Receive data	8	Data carrier detect
3	Transmit data	9	Open-drawer indicator
4	Request to send	11	Open-drawer indicator
5	Clear to send	18	POS printer interface
6	Data Set ready	20	Data terminal ready
7	Ground	25	POS printer interface

P4 (DB9F) - Pass-thru serial port (input/output)

1	P5 pin 1	6	P5 pin 6
2	Transmit to peripheral	7	P5 pin 7
3	Receive from peripheral	8	P5 pin 8
4	P5 pin 4	9	P5 pin 9
5	Ground		

P5 (DB9M) - Pass-thru serial port (input/output)

Same connections as P4

P6 (DB9M) - Serial input from computer

1	DCD	5	Ground
2	Receive data	6	DSR
3	Transmit data	7	RTS
4	DTR	8	CTS

Pins 7 and 8 tied together internally. Pins 1, 4, and 6 are tied together internally

NOTES

CR3000

Logic Controls supports all POS printers. Please specify POS printer type when ordering. Cable, keys, and manual supplied..

CR3001

Power adapter, serial interface cable (to computer), keys and manual supplied. For parallel connections user must supply cable.

CR3002

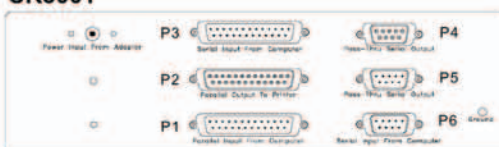
No power adapter required. Manual, keys and serial interface cable supplied.

BACK PANEL INFORMATION

CR3000



CR3001



CR3002

