

**Unique Micro Design
Advanced Thinking Products**

**Model 125/126/127 - T
Trigger Cash Drawer
User Manual**

Document Reference : DOC-M311-UM

UMD Part Number : 6-0311-993-5

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Revision History

Date	Issue	Comments
07/02/94	1	First Issue
07/07/94	2	PCB Components Change/18 Volt P/P
06/12/94	3	CA185 Cable corrected Page 9
09/01/95	4	Included M127 Cash Drawer

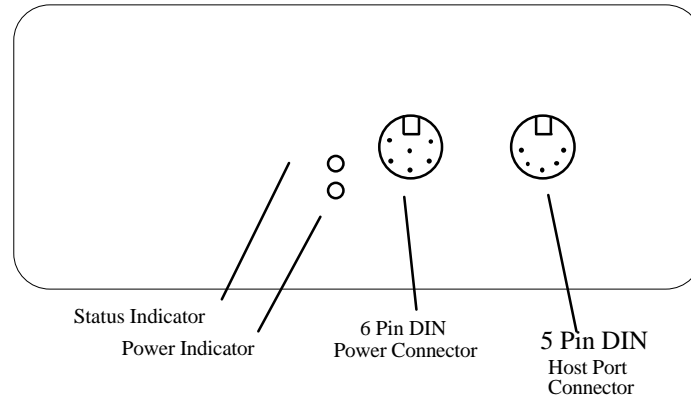
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Type T Trigger Interface

The “T” trigger cash drawers have an electronic trigger module installed which is powered via an external 240 Vac plug pack. The drawer has an input line which requires a small electrical impulse of 3 to 30 volts DC to trigger and can be opened via connection to an RS232 serial port or centronics parallel port. Any transmitted data will trigger the cash drawer to open.

Back Panel



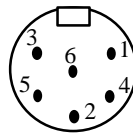
M125/M126 - T Back Panel

Power Connector

The M125-T and M126-T is powered by a supplied 18 Volt 350mA plug pack which connects to the 6 pin DIN connector.

Pin No.	I/O	Description
1	-	Ground
2	-	No Connection
3	-	No Connection
4	In	+ 18V DC Unregulated in
5	-	No Connection
6	-	No Connection

M125/M126-T Power Connector Pinouts



Front View of Power Connector

Power Indicator

The red power indicator is illuminated whenever power is applied to the cash drawer.

Status Indicator

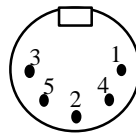
The green status indicator will remain illuminated during a trigger pulse. This aids in determining correct cabling and software operation of the system.

Host Interface

The “T” trigger cash drawers use a 5 pin DIN socket to interface with the computer. Cable details will depend on the computer and application.

Pin No.	I/O	Description
1	In	Trigger input (positive)
2	-	Current Limiting (in)
3	In	Trigger input (negative)
4	Out	Status output (optional)
5	-	Current Limiting (out)

M125/M126-T Host Interface Socket



Front View of Host Connector

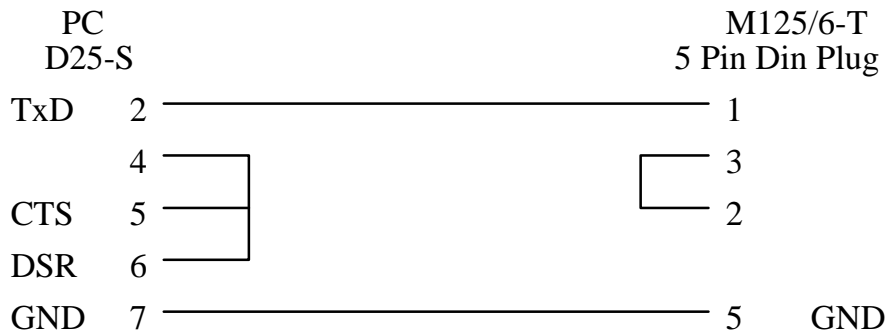
Connecting to an RS232 Serial Port

One of the simplest arrangements in connecting the Trigger type Cash Drawer to a computer or terminal is to use an RS232 serial port. **To open the drawer the host simply transmits characters at a baud rate between 300 and 9600. Note that higher baud rates require more characters.** The handshaking of the computer will need to be defeated.

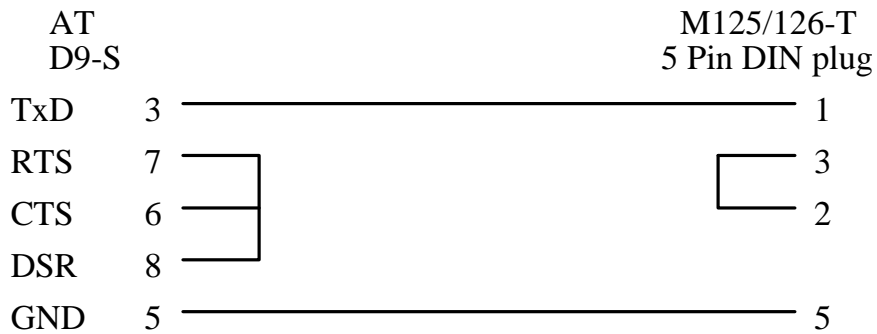
Recommended drawer opening string “UUUUU” at 9600 baud.

Appendix A

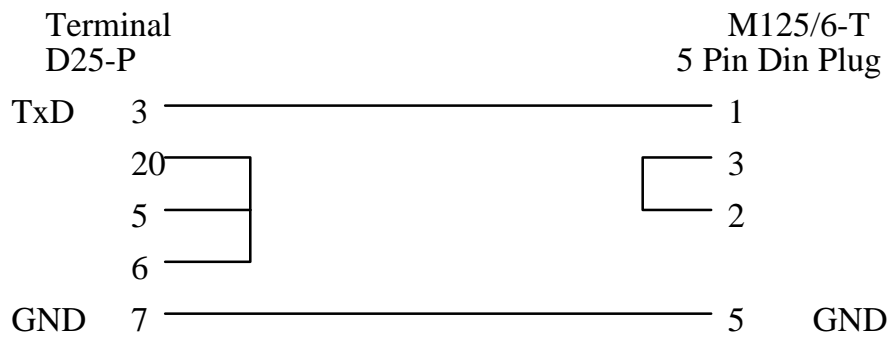
Connecting Cables



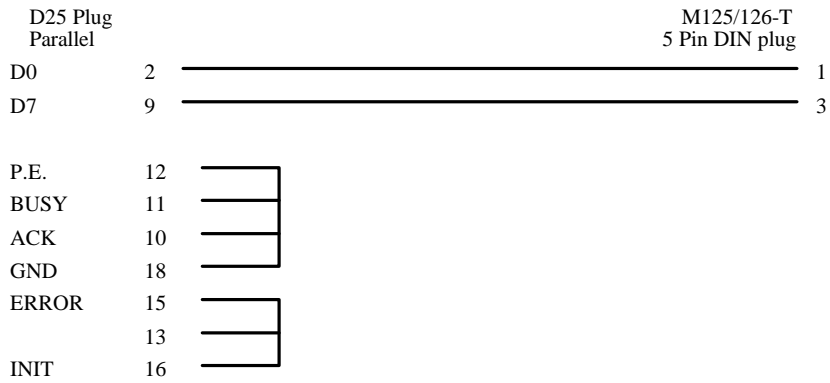
Trigger Drawer cabling for a PC RS232 serial port
UMD cable Assembly CA178



Trigger Drawer cabling for a AT RS232 serial port
UMD cable Assembly CA158



Trigger Drawer cabling for a Terminal RS232 serial port
UMD cable Assembly CA184



Trigger Drawer cabling for a Parallel port
UMD cable Assembly CA185

Appendix B

Specifications

Physical M125-T	Dimensions	460(w) x 460(d) x 120(h) mm
	Weight	13Kg (approx)
	Colour	Grey
	Compartments	6 Coins 5 Notes (all fully adjustable)
	Manual Opening	Via Keylock

Physical M126-T	Dimensions	420(w) x 450(d) x 110(h) mm
	Weight	10Kg (approx)
	Colour	Beige
	Compartments	8 Fixed Coins 4 Notes (adjustable)
	Manual Opening	Via Keylock

Physical M127-T	Dimensions (mm)	460(w) x 450(d) x 113(h) inc feet
	Weight	8Kg (approx)
	Colour	Beige
	Compartments	5 large & 4small Coins, 4 Note (all adjustable)
	Manual Opening	Via Keylock or through base

Interface	Power Connector	UMD 6 Pin DIN Standard
	Host Connector	UMD 5 Pin DIN Standard

Appendix C

Cables and Accessories

Part No.	Model No	Description
Cables		
2-5158-020-9	CA158-2	Serial, M12x-T to D9 Socket -2 m
2-5178-020-7	CA178-2	Serial, M12x-T to D25 Socket -2 m
2-5184-020-1	CA184-2	Serial, M12x-T to D25 Plug Terminal Aux - 2 m
2-5185-020-	CA185-2	Parallel, M12x-T to PC Parallel Port - 2 m
Plug Pack		
1-6004-357-25	PPI18D350-D	18 Volt 350mA
2-5322-020-	CA322-2	Serial, M12x-T to D25 Socket (CTS Toggle)- 2 m

Appendix D

Trigger Module Spare Parts

Part No.	Model No	Description
9-0311-100-3	K311-100	M311 Trigger Module Kit (& Screws)
6-0311-100-0	M311	M311 Trigger Module Only (no plug pack)

