

EPSON®

M-T102

**57.5mm wide 60 mm/second
Thermal Printer Mechanism
Curved Paper Path**

**Ideal for Kiosk, Mobile, Ticket,
Test & Measurement Applications**



With autocutter M-T102A

Specifications:

- Print Speed: 60 mm/second
- Paper Width: 57 mm
- Printing Width: 48 mm
- Number of dots: 384 dots/line
- Dot density: 8 dots/mm

Supply voltage

- Head/Motor - 5 to 7.5 VDC
- Circuit - 5 VDC +/- 5%
- Autocutter - 5 to 6 VDC

Connectors

- Thermal head - 9 pin connector
- Paper feed motor - 4 pin connector
- Paper-end sensor - 3 pin connector
- Autocutter - 2 pin connector

- Semi auto-loading paper handling
- Paper feed force - 0.588N
- Paper hold force - < 500gf >

Dimensions

69.5 mm (W) x 51.2 mm (D) x 20 mm (H)

Weight - 85 to 265 g

Operating temperature - 0 to 50 degrees C

Operating humidity - 10 to 85%

Features:

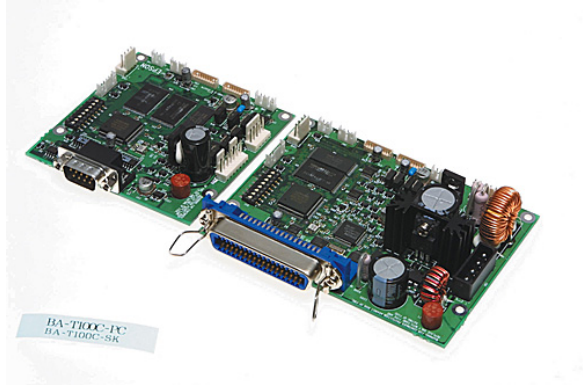
- **Withstands heavy usage due to its sturdy steel frame**
- **Exceptionally quiet thermal head quickly produces quality text**
- **Mount compatible with M-180, M-190**
- **Available with a 6 VDC autocutter option (M-T103A)**
- **Will pull a 6 inch diameter paper roll**
- **High Speed Printing**
- **High quality printing**
- **5 volts battery operation**
- **Compact and light weight**
- **Strong and durable mechanism**
- **Built-in auto cutter unit**
- **Various sensor**

Reliability

- **Mechanism - 5 million lines**
- **Thermal head - 50Km/100 million pulses**

EPSON®

TELPAR™
Your Printer Solutions Company



BA-T100 Controller Board

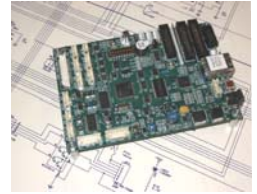
Detail Specifications

| Specifications | BA-T100 | |
|--|--|--|
| General | | |
| Size | 16 mm x 85 mm x 85 mm (6 VDC) or 30 mm x 8 mm x 115 mm (12 VDC) | |
| FLASH ROM (firmware) | 4Mbit, upgradeable via the communication port | |
| RAM | 1Mbit | |
| CPU | 16 Bit, Toshiba TMP 95 series | |
| Power | 6 VDC and 12 VDC available | |
| Status | Printer status feedback via communication port | |
| Status Monitoring | Supports M-T101, M-T102 and M-T103 | |
| Status Indicators | Drive for (3) LED's, POWER, ERROR and PAPER OUT on remote display connector | |
| Switches | Paper feed switch input provided on remote display connector | |
| Communication Ports (2) board versions: | Serial | Parallel |
| | RS-232 asynchronous serial interface, up to 19200 baud rate Flow Control: Hardware: DTR/DSR or CTS/RTS (default) Software: Xon/Xoff | IEEE 1284 bi-directional parallel interface, from host to printer, Centronics compatible, printer to host in nibble or byte mode |
| Option | 24 VDC version | |
| Configuration | Via hardware jumpers and software utility | |
| Thermal Head Control | Historical control | |
| Paper Feed | Semiautomatic paper loading or push-button feed | |

Telpar Printer Solution Capabilities

Telpar's expertise in providing world class, customer specific, OEM mini-printer solutions is exemplified by this partial listing of Telpar capabilities.

- **Excellent Organization** Telpar is a creative, flexible, quick-response organization that offers customers "Design to Need" mini-printer solutions.
- **Inventory** Telpar maintains a substantial inventory of distribution products and raw materials, minimizing manufactured product lead-time.
- **Excellent Relationships** Telpar maintains relationship with several printer mechanism manufacturers, allowing customers to choose from a variety of state-of-the-art products.
- **Staging** Telpar offers cost effective staging of its mini-printer solutions for drop shipment to any number of designated locations. Telpar tailors these programs to specific customer's system staging requirements.



Service & Support

Telpar provides direct warranty and non-warranty repair and service on all Telpar printers through our Depot Repair Center located in Dover, NH. Telpar offers a variety of service options including:

- Standard & Extended Warranty
- Telephone and Email Technical Support
- Time and Materials Options
- Online Manuals and Printer Drivers

Telpar is an Authorized Maser Distributor of the complete line of EPSON Kiosk Printers, Printer Mechanisms, and Controller Boards



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