[Direct Thermal/Thermal Transfer Printer]

Model 412

MICROCOM CORPORATION
Model 412
Thermal Transfer Printer
• High Lift Printhead Mechanism   • Prints up to 2.5"/sec
• 203 dpi / 4.1 Inch Print Width   • 110m Ribbon Supply
• Downloadable Font Support   • 5" O.D. Internal Media
Made in USA

BUILT FOR YOUR BUDGET

With the Microcom Corporation Model 412, you get affordable direct thermal and thermal transfer printing that inspires confidence. The Model 412's innovative design includes an industrial quality print mechanism housed in a rugged high impact plastic outer shell. The Model 412 makes the highest quality thermal printing affordable enough to put one on every desk. Applications range from the most rugged automotive installation to the delicate healthcare environment.

DESIGNED FOR PERFORMANCE

With a small footprint of 8.8 inches by 11 inches and a total weight of 7.5 pounds, the Model 412 may be installed almost anywhere. The Model 412 prints consistently at 3" per second with clear, vivid, 203 dpi resolution. It can print up to 3000 4" x 3" labels per hour for true high volume performance.

USER FRIENDLY INSTALLATION

The Model 412 is easy to use and comes with everything you need to start labeling, including Microcom Corporation's label design software for Windows and a starter roll of labels. To increase your flexibility, the Model 412 offers optional memory, RS485 multidrop capabilities, a user installable cutter, and a twinax/coax interface adapter.

MADE FOR YOUR USE

The Model 412 holds a 5 inch outside diameter media supply roll and prints to a maximum width of 4.1 inches. It offers superior paper handling on a wide variety of media including labels, tags, fanfold, and receipt stock. The inclusion of adjustable label sensors allow virtually any type of label material to be used for various applications. Its high-lift printhead mechanism makes paper loading and printhead maintenance the easiest in the industry.

Microcom
C O R P O R A T I O N
Thermal Printing Solutions

Model 412

SPECIFICATIONS/FEATURES

- Direct thermal/thermal transfer tag/ticket feed operation.
- 8 dots/mm (203 dots/inch) resolution.
- Prints up to 3.0"/sec (76mm/sec).
- Maximum print width 4.1 inches (832 dots) (104mm).
- Print length is unlimited.
- Prints on die-cut, continuous, preprinted labels or tag stock up to 6.0 mil thickness and 4.4" (112mm) wide.
- Software controlled print contrast adjustment.
- High impact plastic shell.
- High lift head mechanism for easy label loading and head maintenance.
- Adjustable guides for easy label centering.
- Statistical slice and label counter.
- Movable gap sensor detects label gap, punched hole, or black line.
- Incrementing and decrementing fields.
- Self peel.

BAR CODES

- Code 39, Interleaved 2 of 5, Codabar, Code 128 (Subset A,B,C), Code 93, Plessey, Modified Plessey, UPC-A, UPC-E, UPC-E1, EAN-8, EAN-13, and MAXICODE.
- Selectable ratios for producing HIBC, AIAG, and LOGMARS.

FONTS

- 8 resident fonts including OCR-A and OCR-B.
- Downloadable font support.
- All fonts expandable in height and width up to 255X and 255Y.
- Fonts and barcodes can be rotated 0°, 90°, 180°, and 270°.

MEMORY

- 512K ROM for code and resident font storage.
- 512K RAM for label data storage and down-loadable font and graphics storage.

PRINTING

- Tag mode printing.
- Batch mode printing.
- On-demand self peel. (optional)
- Reverse drive to prevent wasted media.

INTERFACE COMMUNICATIONS

- Serial: RS-232C, 9 pin female D-Sub connector (DCE).
- XON/XOFF, CTS flow control.
- 300 to 115,200 BPS user selectable.
- Centronics parallel.
- Multidrop RS 485 capability.

PHYSICAL

- Height: 6.0" (152.4mm).
- Width: 8.75" (222.3mm).
- Depth: 11.00" (279.4mm).
- 7.5 pounds (3.4 kg).

ENVIRONMENT

- Temperature: 40°F to 104°F, 5°C to 40°C - Operating.
- Humidity: 10-85% - Non-condensing.

ELECTRICAL

- Voltage: 100 ~ 240 VAC 50 ~ 60 Hz.
- Current: 3 AMPS maximum.

OPTIONS AND ACCESSORIES

- New! 2" Wide Printhead.
- Thermal Transfer.
- Label Taken Sensor (for self-peel function).
- Cutter - Full and Partial.
- RAM battery backup/clock.
- Foreign character sets.
- Cleaning kit.
- Assorted printer cables.
- Twinax / Coax Interface adapter.

APPROVALS

- UL, CUL, CE, complies with FCC Class A.

WEBSITE

- http://www.microcomcorp.com

Specifications subject to change without notice.

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