



61 mm D x 81.8 mm W x 83.5 mm H

Features & Benefits:

- Compact RoHS compliant 58 mm architecture
- Environmentally tight construction
- Downloadable font option for multilingual

58 mm Thermal Printer

JADAK's MR-58 printer is a small, reliable and cost-effective 58mm printer. Its reduced depth and overall size combined with simple mounting construction makes it easy to integrate into Original Equipment Manufacturer (OEM) products. It accepts a 100-foot paper roll (50 mm diameter) with an easy-load feature.

The MR-58 offers trending speeds down to 50 mm per hour and two font sizes. Other features include warning messages to notify the user of undesirable conditions, preventing error situations. The MR-58 printer allows less host processor overhead than previous models. It boasts lower power consumption, making it optimal for portable applications.

The MR-58 communicates through a serial interface (logic level) at up to 921,600 bits per second. In recorder mode, it can print up to four simultaneous real-time wave forms along with background grid, text, and graphics.

Designed for easy integration into the host instrument, the MR-58 reduces development cost and time to market. A complete development kit, including software, paper, cables, manuals and a PC interface board is available.

The MR-58 can transition seamlessly from printing patient information, graphics, and waveforms, to 1D/2D barcode.

The MR-58 has 2 built-in font sizes and 6-character sets, and can rotate the characters 90°, 180°, or 270° with real-time annotation of 20 lines.

The MR-58 boasts 200 dots per 25 mm resolution in graphics mode and is capable of printing images or logos. It can print 1 to 4 traces while simultaneously printing a background grid.



Product Specifications	
Interface Type:	Serial – 115.2K bits/second
Input Voltage:	Print Supply +7.2 Vdc (nominal) Logic Supply +3.3 Vdc
Input Power:	8 W Typical 37 W Max.
Overall Dimensions:	81.8 mm W x 83.5 mm H x 61 mm D (3.220" W x 3.286" H x 2.403" D)
Weight:	0.12 kg (0.25 lbs.)
Case Colors:	Light Gray or User-Defined
Paper Type:	Roll (58 mm Wide)
Paper Capacity:	100 feet (50 mm Diameter))
Output	
Printing Method:	Direct Thermal
Print Resolution:	600 dots per 25 mm
Overlapping Traces:	1 - 4 Traces
Trace Options:	Scaling, Sample Rate, Offset, Appearance
Real Time Annotation:	20 Lines (Memory Dependent)
Text Mode:	Characters Can Rotate 90°, 180° or 270°
Fonts:	7 Point and 10 Point Fonts
Character Sets:	6 Sets Available
Chart Speed Range:	50 mm/hr. – 50 mm/sec
Sensors & Protection	
Sensors:	Door Open, Paper Out, Print head Temperature
Printhead Protection:	Pulse Width, Voltage, Temperature Monitoring and Wear Equalizer
Static Protection:	Built-In Antistatic Devices

Specifications are subject to change. Contact JADAK for details.

ABOUT JADAK:

JADAK, a business unit of Novanta, is a market leader in machine vision, RFID, barcode, printing, and color and light measurement products and services for original equipment manufacturers. The company designs and manufactures embedded detection and analysis solutions that help customers solve unique inspection, tracking, scanning and documenting. The company is ISO 9001 and ISO 13485 registered.

Novanta is a trusted technology partner to OEMs in the medical and advanced industrial technology markets, with deep proprietary expertise in photonics, vision and precision motion technologies.

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