

TM-L90II LFC Thermal Label Printer

Thermal Label Printer

POS



Versatile liner-free compatible label printer for operational efficiency.

Label-taken sensor — accepts multiple jobs but only prints one label at a time; prevents continuous printing and labels adhering to each other

Back-feed capability — retracts labels so it can print closer to the top for more efficient media use

Advanced paper-saving features — white-space and character-height reduction help reduce paper usage up to 47 percent¹

Ready-to-use labels — help improve order accuracy and customer satisfaction

Flexible — one printer for both liner-free labeling and receipt printing

mPOS friendly — supports printing from smartphones and tablets

Convenient — dual interfaces, including built-in USB for flexible connectivity

Fast print speeds — up to 170 mm/sec

Versatile — 40, 58 and 80 mm print width support options

Printer

Print Method Thermal line printing
Print Speed Max. 170 mm/sec (thermal receipt); 90 mm/sec (label media)
Print Resolution 203 x 203 dpi
Print Font Font (A/B)
40 mm 12 x 24, 7 x 17/9 x 17, 7 x 17
58 mm 13 x 24, 10 x 24/10 x 17, 7 x 17
80 mm TM-T88 compatible mode 13 x 24, 10 x 17; TM-L90 compatible mode 12 x 24, 9 x 17
Column Capacity 64/48 columns
Character Size (W x H) 1.13 mm x 2.13 mm and 1.5 mm x 3.0 mm
Character Set 95 Alphanumeric, 37 International, 128 x 11 Graphic
Barcode UPC-A, UPC-E, JAN8 (EAN), JAN13 (EAN), ITF, Code 39/93/128, CODABAR, QR-CODE, MaxiCode, PDF417
Reliability
MTBF 360,000 hours²
MCBF 70 million lines (receipts), 35 million lines (labels)²
Auto Cutter 2 million cuts (receipts), 1 million cuts (labels)²

Media

Paper Width 40 mm, 58 mm, 80 mm
Paper Diameter 4" (102 mm)
Media Thickness 2 mil to 8 mil, depending on media

General

Interface Built-in USB interface + another selection; Serial RS-232c, Ethernet, Wireless (USB dongle)
Data Buffer 4K or 45 bytes
Power 24 VDC ±7%
Power Consumption Approx. 1.7A (mean)
D.K.D. Function 2 drawers
Color Epson® Dark Gray
Factory Options PS-180 AC adaptor, paper roll spacer, wall-hanging bracket WH-10
Environmental Standards WEEE RoHS compliant
EMI Standards FCC/ICES-003 Class A, CE marking, AS/NZS CISPR22 Class A
Safety Standards UL, CSA, TUV (EN60950)
Overall Dimensions (W x D x H) 5.5" x 7.9" x 5.8" (140 mm x 148 mm x 203 mm)
Weight Approx. 4.19 lb (1.9 kg)

What's in the Box

TM-L90II LFC thermal label printer, User Guide, guides for 40 mm and 58 mm paper, power supply with AC cable

Warranty

1-year standard limited warranty

Eco Features

RoHS compliant
 Multiple models are ENERGY STAR® qualified
 Recyclable product³
 Epson America, Inc. is a SmartWay® Transport Partner⁴

Ordering Information*

TM-L90II LFC 40 mm/58 mm/80 mm media width support
 Ethernet, Built-in USB, Epson Dark Gray C31C412A7231
 Serial, Built-in USB, Epson Dark Gray C31C412A7211
 Wireless, Built-in USB, Epson Dark Gray C31C412A7191
 *Contact your Epson representative for additional models.

Epson Tested Media⁵

For information about Epson Tested Media, visit www.epson.com/lfctestedmedia



¹ Paper savings depend on the text and graphics printed on the receipt. | ² Epson's statements about reliability levels are only estimates based on normal use of the printer using tested media only. See www.epson.com/testedmedia for more information on Tested Media. These reliability statements are not warranties of the media or Epson's printers, and the only warranties for printers are the limited warranty statements for each printer. | ³ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁴ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | ⁵ Proper use of tested media is consistent with the printer warranty, but damage from use of non-tested media is not covered by the printer warranty. Epson's statements about tested media are not warranties of the media, tested or otherwise, and tested media are not Epson products or warranted by Epson. See www.epson.com/testedmedia for more information on Tested Media.

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