

TM-L90 Plus

Liner-free Compatible Label Printer



Thermal Label Printer

POS

Cost-effective, liner-free label printing for QSRs and food service.

- Compatible** — uses NCR Sticky Media™ liner-free adhesive labels
- Efficient** — improves order accuracy and customer satisfaction
- Convenient** — built-in USB for flexible connectivity
- Fast** — print speeds of up to 170 mm/sec
- Cost-effective** — enhanced print options reduce paper usage up to 30 percent
- Versatile** — 40, 58 and 80 mm print width support
- Smart** — automatically detects media type and paper width
- Energy-efficient** — reduced power consumption

Printer

Print method Thermal line printing
Print speed 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
58mm: 13 x 24, 10 x 17 / 10 x 17, 7 x 17
80mm: 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 1.13 x 2.13 / 1.5 x 3.0 / 1.0 x 2.0 mm (W x H)
Character set 95 Alphanumeric, 37 International, 128 x 11 Graphic
Barcode UPC-A, UPC-E, JAN8 (EAN), JAN13 (EAN), ITF, CODE39, CODE93, CODE128, CODABAR, PDF417, MAXICODE, QR Code
Reliability MTBF 360,000 hours, MCBF 70 million lines (receipts), 35 million lines (labels)
 Autocutter: 2 million cuts (receipts), 1 million cuts (labels)

Media

Paper width 40 mm, 80 mm, 58 mm
Paper diameter 4" (102 mm)
Media thickness 2 mil to 8 mil, depending on media type

General Information

Interface Built-in USB interface + another selection; serial RS-232c, parallel IEEE-1284, Ethernet, Powered USB, Wireless
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, Epson Cool White
Factory options PS-180 AC adapter, paper roll spacer, wall-hanging bracket WH-10
Environmental standards WEEE, RoHS compliant
EMI standards VCCI class A, FCC/ICES-003 Class A, CE marking, Canada EMI, AS/NZS CISPR22 Class A
Safety standards UL, CSA, TÜV (EN60950)
Warranty One-year limited warranty
Overall dimensions (W x D x H) 5.5" x 5.8" x 7.9" (140 mm x 148 mm x 203 mm)
Weight Approx. 4.19 lb (1.9 kg)



What's in the Box

TM-L90 Plus LFC Printer, Thermal roll paper (starter roll for operation check), User Guide, Power supply with AC cable

Ordering Information*

Ethernet, Built-in USB	C31C412A7971
EDG (Epson Dark Gray)**	
Serial, Built-in USB	C31C412A7991
EDG (Epson Dark Gray)**	
NCR Sticky Media, 40 mm	9023-1257
NCR Sticky Media, 58 mm	9023-1823
NCR Sticky Media, 80 mm	9023-1253

*Contact your Epson representative for additional models.
 **Includes AC adapter (PS-180-343)

Better Products for a Better Future™
 eco.epson.com



Epson America, Inc.
 3840 Kilroy Airport Way, Long Beach, CA 90806

Epson Canada Limited
 185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
 www.epson.ca

Specifications and terms are subject to change without notice. EPSON is a registered trademark, EPSON Exceed Your Vision is a registered logomark and Better Products for a Better Future is a trademark of Seiko Epson Corporation. SmartWay is a service mark of the U.S. Environmental Protection Agency. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2015 Epson America, Inc. Com-SS-Oct-13 CPD-50316 8/15

Name

Email

Phone Number