

Flexible intelligence at your fingertips.



FX3-LX

An intuitive 3-inch label printer that seamlessly adapts to your business



Made for
iPhone | iPad | iPod



reddot award 2017
winner



satoeurope.com

FX3-LX Technical Specification

| PRINTING SPECIFICATION | | FX3-LX | |
|--|---------------------------------------|--|---------------------------------|
| Printing Method | | Direct Thermal | |
| Print Resolution, dots/mm (dpi) | | 12 dot/mm (305dpi) | |
| Max. Print Area | Width, mm (inch) | 80 mm (3.15") | |
| | Length, mm (inch) | 500 mm (19.69") | |
| Max. Print Speed, mm/sec (ips) | | AC adapter operation: 152mm/sec (6 ips) Battery operation: 101mm/sec (4 ips) | |
| Printer Mode | | Continuous, Tear-off, Cutter, Partial Cutter, Dispenser, Linerless Tear-off, Linerless Cutter | |
| CONSUMABLES SPECIFICATION. For optimal print quality SATO recommends the use of SATO Genuine Consumables | | | |
| Sensor Type | | Gap (Transmissive) and I-Mark (Reflective) | |
| Media Type | | Roll (Continuous, Die-cut, linerless), Fan-fold | |
| Media Thickness (Label and Liner) | | 0.14 mm (0.0055") ~ 0.19 mm (0.0075") | |
| Label Roll | Diameter | 105 mm (4.13") on 25 mm (1") ID Core 90 mm (3.54") on 40 mm (1.5") ID Core | |
| | Wind Direction | Face-in/ Face-out, No setting change required | |
| Label Size (Label and Liner) | Continuous | Width | 28 mm (1.10") ~ 85 mm (3.35") |
| | | Length | 19 mm (0.75") ~ 503 mm (19.80") |
| | Tear Off | Width | 28 mm (1.10") ~ 85 mm (3.35") |
| | | Length | 19 mm (0.75") ~ 503 mm (19.80") |
| | Cutter | Width | 28 mm (1.10") ~ 85 mm (3.35") |
| | | Length | 19 mm (0.75") ~ 503 mm (19.80") |
| | Dispenser | Width | 28 mm (1.10") ~ 85 mm (3.35") |
| | | Length | 19 mm (0.75") ~ 503 mm (19.80") |
| | Linerless | Width | 32 mm (1.26") ~ 82 mm (3.23") |
| | | Length | 20 mm (0.79") ~ 500 mm (19.69") |
| Linerless Cutter | Width | 32 mm (1.26") ~ 82 mm (3.23") | |
| | Length | 45 mm (1.77") ~ 500 mm (19.69") | |
| USER FRIENDLY SUPPORT TOOLS | | | |
| Display Panel | | 7" TFT Full Color touch screen LCD (480 x 800) | |
| Large Status LED | | Blue/ Red | |
| Multi National Language Support | | 47 Languages and Scalable Print Fonts 31 Languages for LCD Menu | |
| Operation and customer videos | | 14 preset videos including media loading, parts replacement, option installation, cleaning etc. 1 GB space available for storing and playing customer videos with sound. (onboard speaker) | |
| Peripheral devices | | Connect peripheral devices like scanner, keypad and keyboard directly to the printer for data input | |
| Remote Maintenance | | SNMP Ver. 3, HTTPs | |
| Preventive Maintenance | | SOS (SATO Online Services) | |
| FONTS / SYMBOLOGIES | | | |
| Fonts | Standard Fonts | Bitmap fonts: 10 SATO fonts, 4 POP fonts Scalable fonts: 39 fonts Multi-national language support (47 languages/Unicode), Single and Double byte fonts (Korean, Chinese, Japanese) | |
| Barcodes | 1D Barcode | Code 39, Code 93, Code 128, CODABAR (NW-7), EAN 8/13, GS-1 Databar, GS-1 128 (UCC/ EAN 128), Interleaved 2/5, Industrial 2/5, JAN 8/13, Matrix 2/5, MSI, Bookland, Postnet, UPC-A/E, Customer Barcode, Postnet, USPS code | |
| | 2D Barcode | Aztec, PDF 417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code | |
| | Composite Symbologies | EAN-8/13 Composite, UPC-A/E Composite, GS1 DataBar, (Composite, Truncated Composite, Stacked Composite, Expanded Stacked Composite, Expanded Composite, Stacked Omnidirectional Composite, Limited Composite), GS1-128 Composite | |
| INTERFACE CHARACTERISTICS | | | |
| | USB + LAN Model | USB 2.0 (Type A) x 3, USB 2.0 (Type B), Ethernet (IPv4/v6), NFC | |
| | Optional WLAN / Bluetooth kit | Wifi: Wifi Direct IEEE802.11 a/b/g/n/ac, Dual Band, (2.4GHz/ 5GHz) Bluetooth: version 4.1, MFI certified | |
| Language Emulations | | Auto Detect, SBPL, SZPL, SDPL, SIPL, STCL, SEPL | |
| OPERATING CHARACTERISTICS | | | |
| Power Requirements | | Universal Auto-ranging Power Supply, 100-240 VAC +/-10%, 50/60 Hz | |
| Battery | | Lithium-ion Smart Battery, 14.4V, 1950 mAh | |
| Power Saving | | Programmable energy saving functions | |
| Dimensions | Standard model | W132 mm x D 225mm x H161mm *Excluding label roll, AC adapter and other options | |
| | Standard model with battery mount kit | W132 mm x D 225mm x H180mm | |
| Weight | Standard model | 2.5 kg | |
| | Standard model with battery mount kit | 3.0 kg | |
| Standards & Agency Approvals | | Noise (EMC) standards: EN55032, EN55024, EN61000-3-2 / 3-3, EN300 330-2 / -1, EN301 489-1 / -3 / -17, FCC Part15 Subpart B, ICES 003 Safety standards: UL60950-1, CSA C22.2 No.60950-1, IEC/EN60950-1 Wireless regulations: FCC Part15 Subpart C/E, ISED RSS-Gen, ISED RSS-247, EN 300 328, EN 301 893 | |
| Operating environment | Label (excluding dispenser) | 0~40°C/ 30~80%RH (non condensing) | |
| | Label (dispenser) | 0~35°C/ 30~75%RH (non condensing) | |
| | Linerless | 5~35°C/ 30~75%RH (non condensing) | |
| Storage environment | | -5~60 °C, 30~90% RH Non-condensing | |
| MISCELLANEOUS | | | |
| Compliance | | IPx2, IK06, Energy Star, Bluetooth MFI Certification | |
| OPTIONS | | | |
| Accessories | | Cutter Kit, Partial Cutter Kit, Linerless Kit, WLAN / Bluetooth Kit, Battery Mount Kit, Lithium ion Battery, Battery Charger, Cradle Kit, Wall Mount Kit | |