

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



www.satolabelsolutions.com

FX3-LX

Effortless label printing for complex operations

With a 7-inch TFT full colour touch screen, the award-winning SATO FX3-LX is a flexible, next-generation label printer suitable for a wide range of industries, including Food, Retail, Manufacturing and Logistics.

FX3-LX's Application Enabled Printing (AEP) platform allows the device to be used as a PC-less, online or standalone printer. The device is also compatible with SATO Online Services (SOS), a cloud-based proactive maintenance solution that provides prompt support and eliminates unnecessary operational downtime.



✓ KEY BENEFITS

- Improved efficiency, productivity and reduce costs
- Optimised applications (via SATO and SATO partners) for your unique business needs
- Reduced desk space demands. Wall-mounted option available. Portability for hand-held or trolley use
- Multi-purpose asset: Label printer, operator video training tool, compliance monitoring and management tool
- Ideal for global implementation - 47 printable languages, 31 user display languages
- Easy database update by USB/LAN/WLAN

Kitchen & Restaurant

| Salad | | WED |
|----------|------------------|-----|
| Date | Time | |
| Made: | 30/01/2018 15:45 | |
| Ready: | 30/02/2018 15:45 | |
| Discard: | 30/01/2018 23:45 | |

| Mayonnaise | | SUN |
|----------------|----------------|-----|
| Date | Time | |
| DEFROST: | 03/05/18 14:05 | |
| READY TO PREP: | 04/05/18 14:05 | |
| USE BY: | 05/05/18 14:05 | |



Peace of mind with food-safe features

Use FX3-LX to automatically calculate and print best-before and use-by dates, allergens and secondary shelf-life compliance information for individual products and ingredients, based on its internal product database. Ensure data accuracy at all times by easily updating database from server via USB memory stick, USB and LAN PC connection or automatically via WLAN.

In addition, label usage tracking is also a feature of the FX3-LX, allowing the user to verify whether food safety procedures are being adhered to.

Adapted to hygienic environments

- ✓ Easy-clean, anti-bacterial casing
- ✓ Splash proof (IPx2)
- ✓ Slip resistant
- ✓ Option to wall mount
- ✓ Can be operated with gloves
- ✓ Video + audio training feature



Retail



Print on demand, in any location

Retail staff can easily connect peripheral devices such as scanners and keyboards to FX3-LX for all shop-floor and back-of-store operations via USB or Bluetooth. This makes it easy to retrieve information and print from product databases. Less time is spent on merchandising and more time is focused on customer service.

Calculate automatically for accuracy

FX3-LX automatically calculates sales tax and price discounts to avoid human error. The device keeps track of discounted items and allows corrective actions to be taken, as and when required. FX3-LX's high-resolution print is suited for printing of shelf-edge labels and promotional messages for all stores from high-end shops to discount outlets.

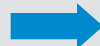
Markdown labelling, made easy



Scan Barcode



Enter Discount



Check Preview & Enter Quantity



Print Labels

Manufacturing & Logistics



Access accurate data anywhere

The multi-functional nature of FX3-LX makes it perfectly suited to manufacturing and logistics environments. Accurate data can be efficiently accessed in multiple sites and geographies from up-to-date, portable database, thus allowing operators to label items correctly.

With FX3-LX, less manual input and internal training is required for applications such as:

- Put-away labelling
- Raw material labelling
- Pick, pack and ship labelling
- Returns labelling
- Cross-docking re-labelling and dispatch addressing

Robust design for challenging environments

- ✓ IK06 (mechanical impact) compliant
- ✓ Video + audio training feature
- ✓ Save space with PC-less printing
- ✓ Easily connect peripheral devices such as scanners and weight scales
- ✓ Splash proof (IPx2)
- ✓ Slip resistant



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/Tear Off/ Cutter/Partial Cutter /Dispenser | Width (Excluding backing liner): 25 mm (0.98") ~ 82 mm (3.23") Width (Including backing liner): 28 mm (1.10") ~ 85 mm (3.35") | Length (Excluding backing liner): 16 mm (0.63") ~ 500 mm (19.69") Length (Including backing liner): 19 mm (0.75") ~ 503 mm (19.80") |
| | Linerless | Width: 32 mm (1.26") ~ 82 mm (3.23") | Length (Without cutter): 20 mm (0.79") ~ 500 mm (19.69") Length (With cutter): 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) |
| 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 Model | USB 2.0 (Type A) x 3, USB 2.0 (Type B), NFC |
| 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) W132 mm x D 225mm x H180mm (Including battery mount kit) | |
| Weight (Standard Model) | 2.5 kg (without battery mount kit) 3.0kg (with battery mount kit) | |
| 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, CCC, KC, BSMI, RCM Wireless regulations: FCC Part15 Subpart C/E, ISSED RSS-Gen, ISSED RSS-247, EN 300 328, EN 301 893, IMDA, SIRIM, SRRC, NTBC, SDPPI | |
| 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 |
|------------|--|

OPTIONAL ACCESSORIES



Lithium-ion Battery
14.4V, 1950 mAh
Smart battery: shows remaining battery % and number of charging cycles



Battery Mount Kit
Required for battery operation (Battery charger sold separately)



Cradle Kit
Easy battery charging
Hides and protects AC adapter from dropping or submersion



Cutter Kit*
Supports labels and linerless labels
Supports cutting of adhesive
*Partial cutter kit available - Suitable for receipt printing

Scan QR code for full list of accessories:



Version: August 2018

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