

User Manual

GoDEX

MX30+/MX30L+
Thermal Label Printer



User Manual : MX30(L)+
Version : A.1
Issue Date : 2023.12.11
P/N : 920-019811-00

APPENDIX

PRODUCT SPECIFICATIONS

Model Name		MX30+	MX30L+
Print Method		Direct Thermal	
Resolution		203 dpi (8 dots/mm)	
Print Speed		up to 4 ips (101.6 mm/s)	
Print Width		2.8" (72mm)	
Print Length		Max. 374" (9500 mm)	Max. 374" (9500 mm)
Processor		32-bit RISC CPU	
Memory	Flash	128MB	
	SDRAM	128MB	
Sensor Type		Fixed transmissive sensor, fixed reflective sensor	
Media	Type	Direct thermal receipt, anti-UV receipt, gap label, central alignment (Standard) / left side alignment (Project Only), inter-label gap size from 2mm to 4mm, 3mm preferred	
	width	Tear: Min. 1.55" (39.4 mm) ~ Max 3.15" (80 mm)	
	Thickness	Min. 0.002" (0.0508 mm) – Max. 0.0065" (0.165 mm)	
	Media roll diameter	Max. 2.35" (60mm) on 0.5" (12.7 mm) core (MX30L+)	
Printer Language		GPOS simulation or EZPL/GZPL/GEPL/GDPL auto switch	
Software	Label design software	GoLabel (for EZPL only)	
	Management tools	GoTools (Windows / Android) GoUtility (Windows)	
	APP	GoAPP (Android / iOS)	
Driver		Windows 7, Windows 8 & 8.1, Windows 10, Window 11, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, MAC, Linux	
SDK		Win CE, .NET, Windows 7, Windows 8 & 8.1, Windows 10, Windows 11, Android, Mac, iOS	
Resident Fonts	Bitmap fonts	6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B 0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable 8 times expandable in horizontal and vertical directions	
	TTF fonts	(Bold / Italic / Underline) 0°, 90°, 180°, 270° rotatable	
Download Fonts	Bitmap Fonts	0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable	
	Asia fonts	16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese(GB2312), Japanese (S-JIS), Korean (KS-X1001) 0°, 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions	
	TTF fonts	(Bold / Italic / Underline) 0°, 90°, 180°, 270° rotatable	
Barcodes	1-D Bar Codes	China Postal Code, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128 (subset A, B, C), EAN-8/EAN-13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5, Interleaved 2-of-5 (I 2 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT-128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Standard 2 of 5, Telepen, Matrix 2 of 5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart, Random Weight and Pharmacode	
	2-D Bar Codes	Aztec code, Code 49, Codablock F, Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417, QR code, TLC 39, GS1 Composite, DotCode, Marco PDF 417	
Code Pages		Codepage 437, 737, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869 Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257 Unicode UTF8, UTF16BE, UTF16LE	
Graphics		Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software	
Interfaces		USB 2.0 (Type C) (* Power input only) WiFi and BT (BLE 5.0) combo module	
Control Panel		4 dual color LEDs for Power, Battery, Communication, Error status indication. 3 buttons for Power, Feed and Wireless functions Battery level indicator	
RTC		Option	
Power		5V/3A or 5V-1A	
Battery		Rechargeable DC 7.4V Li-ion battery, 3300mAh or equivalent	
Environment	Operation temperature	32°F to 122°F (0°C to 50°C)	
	Storage temperature	-4°F to 140°F (-20°C to 60°C)	
Humidity	Operation	10-90%, non-condensing.	
	Storage	10-90%, non-condensing.	
IP Rating		Intrusion Protection, IP42 requirement for case design, IP54 for protective case	
Drop Level		1.5 meter height	
Agency Approvals		CE (EMC) 、FCC Class B 、CB 、cULus 、BSMI 、UKCA 、Energy Star (The safety certification marks may be different depending on sales regions.)	
Dimension	Length	172 mm (6.77")	
	Width	114 mm (4.48")	
	Height	79mm(3.11")	
Weight		680 g (1.5 lbs), excluding consumables	
Options		Real Time Clock (RTC)	
		Protective case Li-ion battery	

- * Specifications are subject to change without notice. All company and/or product names are trademarks and/or registered trademarks of their respective owners.
- * Minimum print height and maximum print speed specification compliance can be dependent on non-standard material variables such as label type, thickness, spacing, liner construction, etc. Godex is pleased to test non-standard materials for minimum print height and maximum print speed capability.