

Kyoline

**Compact, lowcost,
noiseless thermal printer
with many different features**



**IBM character set (incl. Nordic)
HEX dump print
Multivoltage input**

**Windows compatible
Portable (1 hour printing)
IRS input (infrared light) - optional**

Specifications

Character set	IBM character set	Interface	• serial RS232 • 8 bit parallel - optional • serial TTL- optional • serial RS485 - optional • IRS input-optional infrared light • loop powered (4-20 mA)	
Number of user-definable characters	12			
Number of columns	40 or 80			
Character matrix	8x8 or 12x8	External dimensions	165 x 135 x 50 mm	
Bit-image graphic mode	Epson 160 dots/line Epson 480 dots/line IBM 320 dots/line Epson 320 dots/line	Weight	Printer	450 g
Line space	Programmable	Operating conditions	Incl. battery	533 g
			Adaptor	441 g
Printing system	Bidirectional logical seek Unidirectional forgraphics	Power Supply	AC: 8V/1,5A DC: 10V/1,5A DC: 12-40V/1,5A (optional)	
Printing speed	37,5 characters per second	Approvals: adaptors printers	CE, UL, FCC and CSA CE and FCC	
Buffer memory	8 kbyte (32 k optional)			

Interface specifications

Parallel

Data input: Eight-bit simple Centronics
Handshake: STROBE, BUSY and ACK

Pin.No.	Signal	I/O	Function
1	STROBE	Input	Data strobe
2 to 9	DATA	Input	Data bit 1 to 8
10	ACK	Output	Acknowledgement showing data is received
11	BUSY	Output	Signal data cannot be received
12	PE	Output	Signal there is no paper (Connected to GND)
13	SELECT	Output	Signal printer is selected on-line (Connected to Vcc via pull-up resistor)
14-18	NC	–	Not used
19 - 30	GND	–	Connected to ground
31	NC	–	Not used
32	ERROR	–	Fault connected to GND (Connected to Vcc via pull-up resistor)
33-36	NC	–	Not used

Serial

Handshake: XON/XOFF or hardware

Pin.No.	Signal	I/O	Function
1	RXD	Input	Data input
2	DTR	Output	Data terminal ready
3	GND	–	Connected to ground
4	CTS	–	Not used
5	TXD	Output	Data output
6	Option	Output	Option-external power supply

