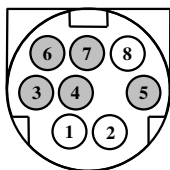
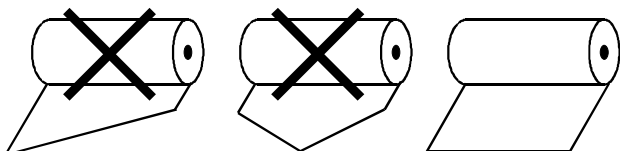


Mini-DIN Plug :

- | | |
|---------|---------------------|
| 3 - DTR | - Printer ready |
| 4 - CTS | - Material ready |
| 5 - RXD | - Data reception |
| 6 - TXD | - Data transmission |
| 7 - GND | - Ground |



To replace paper roll :



⊗ For a best utilization of your printer, use ⊗
only **KYOSHA** Industries thermal paper

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Kyosha product's policy is continued product improvement and we reserve the right to alter design and / or specifications without notice.

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REFERENCE DOCUMENT : Notice KyoLine BAT Anglais.doc 11/10/07

PRINTER **KyoSpeed** BAT

Power on :

When turning the power on, the printer performs several tests and initializations. When the tests are completed, the printer advances the paper. The green indicator lights and red indicator turns off. The printer is then ready to use.

Indicators :

The indicators inform on the state of the printer :

- Red lights :
 - At start : Time during it's possible to set up a new software.
 - In use : Printer is open or no paper in
- Green lights :
 - Printer is ready
- No light :
 - Printer in sleep mode

Buttons :

The round buttons on the front of the printer have three functions :

- Printing and changing settings of the printer :

When the printer is ready, a short push on right button followed by a long push on left button. When printing start, stop pushing button. Follow the instructions to modify KyoSpeed settings.

- To enter in configuration mode, or to modify printer settings press left button.
- To exit from configuration mode, or to validate printer settings press left button.

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grammar

Characteristics :

- Hex dump mode :

When the printer is ready, two short push on right button followed by a long push on left button, set hex dump mode. To leave this mode, shortly press the right button.

- Paper feed :

Keep the left button pressed to advance the paper.

Configuration DIP switches :

Your printer has a configuration menu. You can print printer settings and the list of their functions as indicated in previous page, chapter 'Button'.

- Communication settings (Speed, parity, ...)
- Characters height and width.
- CR or CR+LF
- Simple or Double-ticket
- Contrast
- Sleep mode : ON/OFF
- Communication mode : RS232 or Option board
- Graphic mode (EPSON LX-800/SEIKO DPU-445)

Batteries option :

Before any use, reload the printer completely. The maximum time necessary for a complete reload is 4 hours.

When the printer is fully loaded, its autonomy of continuous printing is approximately 60 minutes or 30 days in sleep mode. Printer automatically set in sleep mode after 5 minutes of unused. To exit of sleep mode, you must make a short push on left button followed by a long push on right button

Printer :

Printing system :	Thermal dot line
Paper feed :	Friction
Line height :	24 dots
Format :	20, 40, 80, 2 x 40 columns
Character table :	IBM
Matrix :	10*24
Buffer memory :	256 octets
Interface :	Serial RS232C*
	BlueTooth*
	USB*
	IrDA, Infrarouge
	* = depending on version

Paper roll :

Type :	Thermal black printing
Width :	112 mm
Length Max:	40 m
Diameter Max:	55 mm

Power requirements :

Adapter :	12 V DC – 0,8 A
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Reliability :

General :	5000 hours
Printing head :	16 x 10 ⁶ lines

Operating conditions :

Temperature :	0 to 50° C
Humidity :	20 to 70 %.

Dimensions and weight :

Dimensions :	185 x 165 x 80 mm
Weight :	1.2 kg with a 40 m. paper roll.