



## Label Printer GL870DA – 203 dpi Direct Thermal, BT/USB/Serial/Ethernet

## Data sheet

## Summary

- ✓ 203 dpi print resolution
- ✓ Print speed up to 127 mm/s
- ✓ Bluetooth, USB, Serial (RS-232), and Ethernet connectivity
- ✓ Label width support from 20 mm to 118 mm
- ✓ Direct thermal printing – no ink or toner required

# Product description

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## Gilford Label Printer GL870DA – 203 dpi Direct Thermal, BT/USB/Serial/Ethernet

### Drivers & Software

Proper driver installation is required before connecting and using the printer.

#### Driver

Download the latest driver here:[Download driver here](#)

#### Diagnostic Tool

For configuration, testing, or communication issues, use the Diagnostic Tool:

[Download Diagnostic Tool](#)

### Product Overview

The Gilford GL870DA is a direct thermal label printer designed for businesses that require fast, reliable, and flexible label production. With a 203 dpi print resolution and support for Bluetooth, USB, Serial (RS-232), and Ethernet connectivity, it is well suited for shipping labels, warehouse operations, product identification, and general logistics workflows.

Its durable construction and compact footprint make it suitable for desktop use as well as integration into automated systems. The printer is easy to deploy, requires minimal maintenance, and works with commonly used label software platforms.

### Installation

For correct setup:

- Download and install the driver using the link above.
- Complete the driver installation on your computer.
- Connect the printer via USB, Bluetooth, Serial, or Ethernet.

If configuration or communication issues occur, use the Diagnostic Tool:[Download Diagnostic Tool](#)

### Performance & Compatibility

With print speeds of up to 127 mm/s and support for label widths up to 108 mm, the GL870DA is capable of handling high-volume daily printing tasks. Direct thermal technology removes the need for ink or toner, helping reduce operating costs and simplify maintenance.

The printer includes 8MB Flash and 8MB SDRAM memory and supports multiple command languages including TSPL, EPL, ZPL, and DPL, allowing seamless integration into existing business systems.

### Key Features

- 203 dpi print resolution
- Print speed up to 127 mm/s
- Bluetooth, USB, Serial (RS-232), and Ethernet connectivity
- Label width support from 20 mm to 118 mm
- Direct thermal printing – no ink or toner required
- Compact and durable design

Driver download (required for installation):[Download driver here](#)

Gilford GL870DA is a reliable and cost-efficient solution for professional labeling in logistics, retail, warehousing, and e-commerce environments.

## Technical Specification Matrix

### Header

|              |         |
|--------------|---------|
| Manufacturer | Gilford |
|--------------|---------|

### Design

|                  |       |
|------------------|-------|
| Product colour   | White |
| Built-in display | No    |

### Printing

|                        |                                    |
|------------------------|------------------------------------|
| Print technology       | Direct Thermal                     |
| Colour                 | No                                 |
| Print speed            | 152 mm/sec                         |
| Printing colours       | Black                              |
| Maximum printing width | 118 mm                             |
| Minimum print length   | 10 mm                              |
| Printing characters    | 2D barcode, Barcode, Graphic, Text |

### Performance

|                   |                                                                                                                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Internal memory   | 8 MB                                                                                                                                                                                                  |
| Built-in barcodes | AZTECCODE, CODABAR (NW-7), Code 11, Code 128 (A/B/C), Code 39, Code 93, Datamatrix, EAN128, EAN13, EAN8, GS1 DataBar, Interleaved 2/5, MaxiCode, MSI, PDF417, Plessey, POSTNET, QR Code, UPC-A, UPC-E |

Ports & interfaces

|                         |                    |
|-------------------------|--------------------|
| Connectivity technology | Wired and Wireless |
| Ethernet LAN            | Yes                |
| Wi-Fi                   | No                 |
| Bluetooth               | Yes                |
| USB port                | Yes                |

Packaging content

|                 |         |
|-----------------|---------|
| Cables included | AC, USB |
|-----------------|---------|

Weight & dimensions

|        |        |
|--------|--------|
| Width  | 212 mm |
| Depth  | 240 mm |
| Height | 168 mm |
| Weight | 1450 g |