Epson Inkjet M831

Airline Document Printer

Epson’s M831 inkjet printer for manifests and forms is designed to handle the rigors of high-volume printing with fast print speeds, low noise, affordable high-capacity ink cartridges and exceptional reliability.

*Designed for airlines*
Epson’s M831 ruggedized monochrome inkjet document printer combines the durability of a dot matrix printer with the quiet, high quality printing of an inkjet. It prints high-quality crisp, clear text and graphics, as well as high-density barcodes. And it features print speeds of up to 16.5 pages/minute¹ to help meet the demanding routines of flight crews and gate agents – all at a lower cost per page than laser printers.

*Superior ink quality and durability*
Unlike dye-based inks, Epson’s DURABrite® Ultra pigment-based inks firmly bind to media fibers, delivering outstanding stability and resistance to chemicals, water, fading, smudges and highlighter pens. And unlike dot-matrix printers, the quality is maintained from the first to the last document printed.

*Exceptional reliability*
Developed for commercial environments the Epson M831 is built to last. It is designed to provide up to five years of high-volume, high-performance printing and is virtually maintenance free.

With Epson’s patented anti-nozzle-block technology, the printhead nozzles are protected from dirt and dust. In addition, the printhead is designed to last the life of the printer, avoiding the need for frequent printhead replacement as with other inkjet or dot matrix printers or drum replacement on laser printers.

*Easy to use and maintain*
The M831 features easy access to all functions including ink replacement, an intuitive control panel, auto paper loading and more. And with its automatic paper release, occasional paper jams can be handled quickly. All of these features add up to increased productivity and reduced downtime. Parallel, USB and Ethernet interfaces come standard to make integration into your system easy.

*Backed by the leader*
The Epson rugged M831 inkjet document printer delivers the quality and reliability that Epson printers are known for and is backed by Epson’s industry-leading service and support programs.

- Designed for high-volume printing of manifests and forms
- Combines durability of a dot matrix with the print quality of an inkjet
- Prints on same continuous form paper airlines use today
- Fast print speeds of up to 16.5 pages/minute
- Automatic paper release to clear any paper jams
- Comes with Parallel, USB and Ethernet interfaces
- Drop-in replacement for existing Epson and other dot matrix printers
- Low power consumption

¹ Print speeds vary with different documentation and page formats.
Fast, Quiet High-Volume Printer for Airline Manifests

Printer

- **Print method**: MicroPiezo® inkjet technology
- **Ink type**: Black pigment-based ink cartridges
- **Print speed (max.)**:
  - **Draft mode**: 16.5 pages per minute
  - **Normal mode**: 13.8 pages per minute
  - **Super fine mode**: 7.0 pages per minute
- **Print resolution**: 720 dpi x 720 dpi maximum
- **Paper feeding method**: Push tractor feed (rear in/front out)
- **Paper feed speed**: Continuous feed 15 in./s (380 mm/s)
- **Media type**: Continuous paper (plain paper, label)
- **Media dimensions**:
  - **Width**: 3.0–9.5 inches (76.2–241.3mm)
  - **Length (one page)**: 0.5–22.0 inches (12.7–558.8mm)
  - **Thickness**: 2.5–7.5 mils (0.065–0.19mm)
  - **Weight (1000 sheets)**: 45kg–110kg
- **Printable area**:
  - **Maximum width**: 8.0 inches (203.2mm)
  - **Left margin**: 0.51 inches (13.0mm)
  - **Right margin**: 0.51 inches (13.0mm)
  - **Top margin**: 0.08 inches (2.0mm)
  - **Bottom margin**: 0.08 inches (2.0mm)
- **Interfaces**: USB 2.0, Bi-directional parallel (IEEE-1284 ECP mode supported), Ethernet 10/100 BASE-T
- **Control code**: ESC/P Raster (undisclosed)
- **Operating temperature**: 10–35 degrees C / 20–80% RH humidity
- **Storage temperature**: -20–40 degrees C / 5–85% RH humidity

General information

- **Overall dimensions**: 18.3 x 18.3 x 8.8" (W x D x H)
- **Weight**: Approx. 26 lbs (12.2kg) — without ink
- **Power consumption**:
  - **Printing**: Approx. 20 W (mean, ISO/IEC 10561 letter)
  - **Standby**: Approx. 2.3 W (sleep mode)
- **Rated voltage**: AC 110–240 VAC
- **Rated frequency**: 50–60 Hz
- **Acoustic noise**:
  - Silent feed on: approx. 48dB (A)
  - Silent feed off: approx. 50dB (A)
- **EMC standards**: CNS13438 Class A
- **Safety standards**: BSMI (CN14336), Green Mark Program compliant, UL/C-UL, NOM, Argentine, CE, EN60950

What's in the box

- M831 inkjet document printer
- AC cord
- Quick setup guide
- Drivers and utilities CD
- User manual
- Ink cartridges

Ordering information

<table>
<thead>
<tr>
<th>Product</th>
<th>Color</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>GP-M831 Inkjet Printer</td>
<td>EPAG</td>
<td>C11CC69122</td>
</tr>
<tr>
<td>GJIC5(K) Ink Cartridge</td>
<td>Black</td>
<td>C13S020563</td>
</tr>
</tbody>
</table>

Print time varies. Please refer to any instructions and manuals provided with the printer. The printer is only compatible with the EPSON ink cartridges. The print quality will be adversely affected if non-EPSON ink cartridges are used. See www.epson.com/cartridgeinfo for more information about EPSON ink cartridges.

What's included in the box:

- M831 inkjet document printer
- AC cord
- Quick setup guide
- Drivers and utilities CD
- User manual
- Two high-capacity inkjet cartridges
- Rear cable cover
- Parallel, USB and Ethernet interfaces are standard
- Two high-capacity inkjet cartridges

Specifications are subject to change without notice.

Print speed is based on printing the suite of ISO/IEC 24734 text and graphic images on 8.5" x 11" size pages. Speeds of up to 16.5 pages per minute is based on draft mode. Actual print times will vary based on system configuration, software, and page complexity.

The printable area is fixed relative to the left tractor starting at .51" (12.9 mm) from the left edge of the media. Right margin may be greater than .51" (12.9mm) if the media extends well past the printable area.

Printable area is fixed relative to the left tractor starting at .51" (12.9 mm) from the left edge of the media. Right margin may be greater than .51" (12.9mm) if the media extends well past the printable area.

Cartridge yields vary considerably for reasons including images printed, print settings, temperature and humidity. Yields will be lower with higher-density images, hot or dusty conditions, less frequent printing, or printing pre-dominantly with one color. All ink colors are used for printing and printer maintenance, and all colors have to be installed for printing. For print quality, part of the ink from the included cartridges is used for printer startup and a variable amount of ink remains in the cartridges after the “replace cartridge” signal.

See www.epson.com/cartridgeinfo for more information about EPSON ink cartridges.