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› [EASWEL](#) /

› EASWEL USB 2.0 to Parallel IEEE 1284 Centronic 36-Pin Printer Cable User Manual

EASWEL B09CGQCG5N

EASWEL USB 2.0 to Parallel IEEE 1284 Centronic 36-Pin Printer Cable User Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the EASWEL USB 2.0 to Parallel IEEE 1284 Centronic 36-Pin Printer Cable. This cable is designed to connect older parallel port printers to computers equipped with USB 2.0 ports, facilitating communication and printing capabilities without the need for a traditional parallel port on the host computer.



Image 1.1: The EASWEL USB 2.0 to Parallel IEEE 1284 Centronic 36-Pin Printer Cable, showing the USB-A connector on one end and the Centronic 36-pin connector on the other, with the cable coiled.

2. PRODUCT FEATURES

- **Bi-directional Communication:** Supports data transfer between the PC and a 36-pin parallel port printer in both directions.
- **Legacy Printer Support:** An ideal solution for connecting older parallel printers to modern laptop or desktop PCs that lack a dedicated parallel port.
- **Plug and Play:** Offers easy installation with no complex setup or configuration required for supported operating systems.
- **OS Compatibility:** Fully compatible with Windows 98SE, ME, 2000, XP, Vista, Win7 (32/64bit), and Win8/8.1.
- **Resource Efficiency:** Does not require IRQ sharing, preserving system resources for other expansion cards.
- **USB Bus Powered:** Operates solely on USB power, eliminating the need for an external power supply.
- **Mode Compatibility:** Fully compliant with ECP, EPP, and SPP modes for versatile printer support.
- **Automatic Assignment:** Features auto assignment for I/O Interrupt addresses.
- **IEEE 1284 Compliant:** Adheres to IEEE 1284 specifications for reliable parallel communication.

3. SETUP INSTRUCTIONS

Follow these steps to connect your parallel printer to your computer using the EASWEL USB to Parallel cable:

1. **Power Off Devices:** Ensure both your computer and the parallel printer are powered off before making any connections.
2. **Connect to Printer:** Locate the Centronic 36-pin parallel port on your printer. This port is typically a wide, rectangular connector with two clips on the sides. Connect the Centronic 36-pin end of the EASWEL cable to this port. Secure the connection using the clips or screws if available on your printer.



Image 3.1: A close-up view of the Centronic 36-pin connector of the EASWEL cable, which connects to the printer's parallel port.

3. **Connect to Computer:** Locate an available USB 2.0 port on your computer. Insert the USB-A end of the EASWEL cable into this USB port.



Image 3.2: A close-up view of the USB-A connector of the EASWEL cable, which connects to the computer's USB port.

4. **Power On Devices:** Power on your printer first, then power on your computer.
5. **Driver Installation:** For supported operating systems (Windows 98SE, ME, 2000, XP, Vista, Win7, Win8/8.1), the cable is plug-and-play. The operating system should automatically detect the new hardware and install the necessary drivers. No manual driver installation is typically required for the cable itself.
6. **Printer Driver:** Ensure that the correct printer driver for your specific parallel printer model is installed on your computer. If not, you may need to download it from the printer manufacturer's website.

4. OPERATING INSTRUCTIONS

Once the cable is properly connected and recognized by your operating system, and your printer drivers are installed, you can use your parallel printer as you normally would:

- **Printing Documents:** Open any document or application on your computer and select the print option. Choose your parallel printer from the list of available printers.
- **Bi-directional Communication:** The cable supports bi-directional communication, allowing your computer to send print jobs to the printer and receive status updates (e.g., out of paper, error messages) from the printer.
- **No External Power:** The cable draws power directly from the USB port of your computer, so no additional power adapter is needed for the cable itself.

5. MAINTENANCE

To ensure the longevity and optimal performance of your EASWEL USB to Parallel Printer Cable, consider the following maintenance tips:

- **Handle with Care:** Avoid excessive bending, twisting, or pulling of the cable, especially near the connectors, as this can damage internal wires.
- **Keep Clean:** Periodically wipe the cable and connectors with a soft, dry cloth to remove dust and debris. Do not use liquid cleaners directly on the connectors.
- **Proper Storage:** When not in use, coil the cable loosely and store it in a dry, cool place away from direct sunlight and extreme temperatures. Avoid tightly wrapping the cable around objects.
- **Inspect Connectors:** Regularly check the USB and Centronic 36-pin connectors for any signs of damage, bent pins, or corrosion.

6. TROUBLESHOOTING

If you encounter issues while using the EASWEL USB to Parallel Printer Cable, refer to the following troubleshooting steps:

6.1. Cable Not Recognized by Computer

- **Check Connections:** Ensure both the USB end and the Centronic 36-pin end are securely connected to the computer and printer, respectively.
- **Try Different USB Port:** Connect the USB end of the cable to a different USB port on your computer. Sometimes, certain USB ports may have issues or insufficient power.
- **Restart Computer:** A simple restart of your computer can often resolve detection issues.
- **Check Device Manager (Windows):** Open Device Manager (right-click 'This PC' or 'My Computer' > 'Manage' > 'Device Manager'). Look for any unknown devices or devices with a yellow exclamation mark under 'Universal Serial Bus controllers' or 'Ports (COM & LPT)'. If found, try updating the driver or uninstalling and reinstalling the device.

6.2. Printer Not Responding or Printing

- **Verify Printer Power:** Ensure your parallel printer is powered on and in a ready state.
- **Check Printer Drivers:** Confirm that the correct and up-to-date printer drivers for your specific parallel printer model are installed on your computer. The USB to Parallel cable facilitates the connection, but the printer still requires its own drivers.
- **Printer Status:** Check the printer's display or indicator lights for any error messages (e.g., out of paper, paper jam, low ink/toner).
- **Test with Another Cable (if possible):** If you have access to another USB to Parallel cable or a computer with a built-in parallel port, test the printer to rule out a printer-specific issue.
- **Print Spooler Service:** In Windows, ensure the 'Print Spooler' service is running. You can check this in 'Services' (search for 'Services' in the Start menu).

7. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Brand	EASWEL
Model Number (ASIN)	B09CGQCG5N
Connector Type (Computer)	USB 2.0 (Male-to-Male)
Connector Type (Printer)	Centronic 36-Pin
Cable Type	USB to Parallel
Compatible Devices	Laptop, PC, Printer
Color	Black
Data Transfer Rate	Up to 12000 Megabits Per Second
Cable Length	Approx. 3 Ft and 4 in (1 meter)
Specification Met	IEEE 1284
OS Support	Windows 98SE, ME, 2000, XP, Vista, Win7 (32/64bit), Win8/8.1

8. WARRANTY INFORMATION

EASWEL products are typically covered by a manufacturer's limited warranty. Please refer to the product packaging or the official EASWEL website for specific warranty terms and conditions, including duration and coverage details. Keep your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or inquiries regarding your EASWEL USB 2.0 to Parallel IEEE 1284 Centronic 36-Pin Printer Cable, please contact EASWEL customer support. Contact information can usually be found on the product packaging, the manufacturer's official website, or through the retailer where the product was purchased.