

pizarra BT-100U

pizarra BT-100U USB Cash Drawer Trigger Instruction Manual

Model: BT-100U

1. INTRODUCTION

The pizarra BT-100U is a USB Cash Drawer Trigger designed to enable direct connection of a cash drawer to a computer via a USB port. This device eliminates the need for a printer or cash register to act as an intermediary, simplifying point-of-sale (POS) system configurations. It utilizes a virtual serial port driver, allowing existing software to communicate with the cash drawer as if it were connected to a standard RS232 serial port.



Image 1.1: Front view of the BT-100U USB Cash Drawer Trigger.

2. SAFETY INFORMATION

- Ensure the device is used in a dry environment. Avoid exposure to liquids.
- Do not attempt to open or repair the device. Refer to qualified service personnel.
- Use only the provided or recommended USB cable.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x pizarra BT-100U USB Cash Drawer Trigger
- 1 x USB Cable



Image 3.1: BT-100U unit and USB cable.

4. SETUP AND INSTALLATION

4.1 Connecting the Hardware

1. **Connect to Cash Drawer:** Locate the RJ11/RJ12 port on your cash drawer. Connect one end of the

cash drawer's interface cable (typically an RJ11/RJ12 connector) to the corresponding port on the BT-100U trigger.

2. **Connect to Computer:** Connect the provided USB cable to the USB port on the BT-100U trigger. Then, connect the other end of the USB cable to an available USB port on your computer. The device supports "Hot Plugging" and "Plug and Play" functionality.



Image 4.1: Side view of the BT-100U showing the USB port.



Image 4.2: BT-100U connected to a computer.

4.2 Driver Installation (Virtual Serial Port)

The BT-100U uses a virtual serial port driver. Upon connecting the device to your computer for the first time, the operating system should automatically detect and install the necessary drivers. If automatic installation fails, you may need to manually install the driver from the manufacturer's website or a provided CD (if applicable).

- The driver makes the BT-100U appear as a standard RS232 serial port to your software.
- A unique serial number is assigned to each USB trigger module. The driver software will assign an available serial port (e.g., COM1, COM2) to each recognized device.
- Multiple BT-100U triggers can be used on a single computer, each assigned its own virtual serial port.

5. OPERATING INSTRUCTIONS

Once the BT-100U is connected and its drivers are installed, your existing POS software or application can communicate with the cash drawer. Configure your software to send commands to the virtual serial port assigned to the BT-100U (e.g., COM port). The cash drawer will open when the appropriate command is sent to this virtual serial port.

- **Software Configuration:** Access your POS software's peripheral settings. Select the virtual COM

port assigned to the BT-100U for cash drawer control.

- **Testing:** Perform a test transaction or use the software's cash drawer test function to verify proper operation.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cash drawer does not open.	Incorrect driver installation. Incorrect COM port selected in software. Loose cable connection. Cash drawer issue.	Verify driver installation in Device Manager. Check POS software settings for correct COM port. Ensure all cables are securely connected. Test cash drawer with another method if possible.
Device not recognized by computer.	Driver not installed. Faulty USB port. Damaged USB cable.	Install drivers manually if needed. Try a different USB port on the computer. Try a different USB cable.

7. SPECIFICATIONS

- **Model:** BT-100U
- **Interface:** USB
- **Power:** USB Bus Powered (external power not required)
- **Compatibility:** Suitable for any cash drawer with an RJ11/RJ12 interface.
- **Dimensions:** 6.69 x 3.54 x 1.57 inches (approximate)
- **Weight:** 2.87 ounces (approximate)
- **Operating System:** Compatible with common operating systems that support virtual serial port drivers.

8. MAINTENANCE

The BT-100U Cash Drawer Trigger requires minimal maintenance. Keep the device clean and free from dust. Use a soft, dry cloth for cleaning. Do not use harsh chemicals or abrasive cleaners. Ensure all connections remain secure.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact pizarra customer service. Keep your purchase receipt for warranty claims.