

## Linx TT750 Printer Connection Guide

### Introduction

The Linx TT750 is a high-performance thermal transfer overprinter (TTO) widely used for labeling flexible packaging in industries such as food, beverage, and pharmaceuticals. This guide, based on the official YouTube video (<https://youtu.be/iGyYbmvF7Ak>), provides detailed steps for connecting the hardware components of the Linx TT750, including the Clarity controller, power supply unit (PSU), printhead, photoelectric sensor, and encoder, helping users complete the setup for successful startup and operation.

**Keywords:** Linx TT750, thermal transfer overprinter, hardware connection, Clarity controller, power supply unit, industrial printing

### 1. Connecting the Printhead to the Power Supply Unit

The Linx TT750's printhead connects to the power supply unit (PSU) via a dedicated cable. Follow these steps:

- Locate the printhead's connection cable.
- Insert one end of the cable into the corresponding port on the printhead.
- Connect the other end to the appropriate port on the PSU, ensuring the plug is aligned and securely inserted.

Screenshot Timestamp:



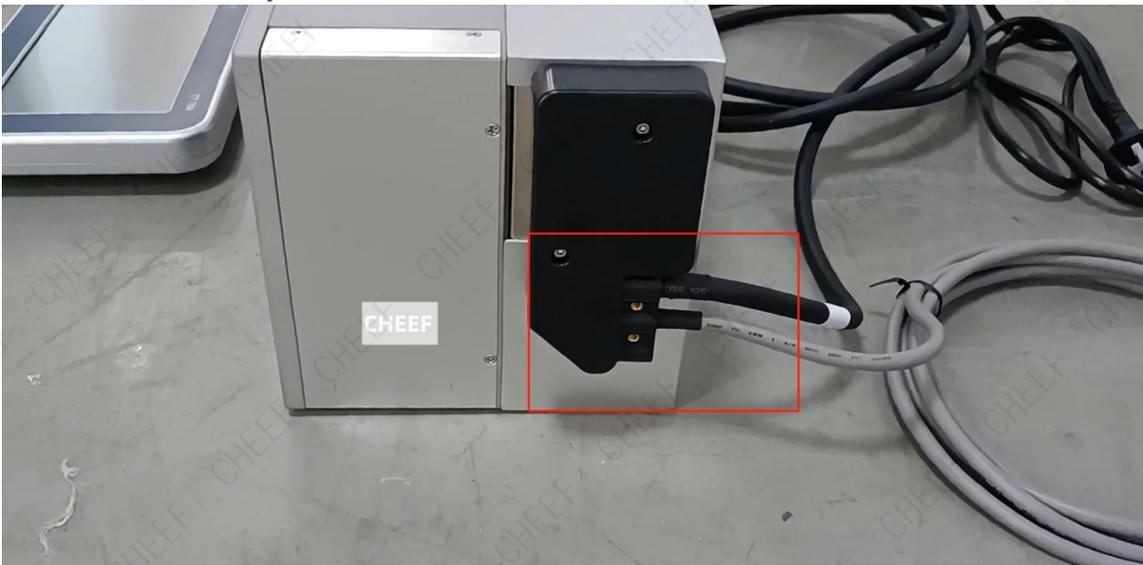


## 2. Connecting the Photoelectric Sensor and Encoder

The photoelectric sensor and encoder are critical for print synchronization. Connection steps include:

- Connect the photoelectric sensor's cable to the designated port on the PSU.
- Connect the encoder's cable to the corresponding port on the PSU.
- Ensure all connections are secure and free of looseness.

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## 3. Connecting the Power Cable

The power cable supplies electricity to the Linx TT750. Follow these steps:

- Locate the power cable and insert it into the PSU's power input port.

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- Ensure the power cable plug is firmly connected to avoid poor contact.

Screenshot Timestamp:



#### 4. Connecting the Clarity Controller via USB

The Clarity controller serves as the Linx TT750' s operational interface and requires a USB connection. Steps include:

- Insert the Clarity controller' s USB cable into the PSU' s USB port.
- Ensure the USB connection is stable and secure.

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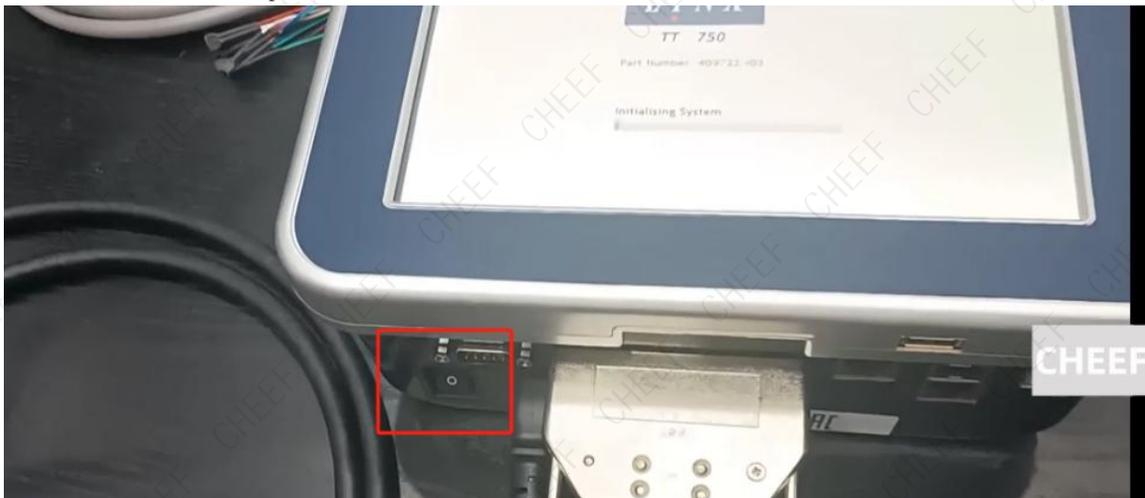


#### 5. Final Assembly and Power-On

After completing all connections, perform a final check and power on the device:

- Verify that the printhead, photoelectric sensor, encoder, power cable, and Clarity controller connections are complete and secure.
- Plug the power cable into a power outlet.
- Press the power button on the Clarity controller to start the device.

Screenshot Timestamp:



#### 6. Common Issues and Solutions

- **\*\*Device Fails to Power On\*\***: Check if the power cable is properly connected and the PSU port has good contact.
- **\*\*Printhead Not Responding\*\***: Confirm the printhead cable is correctly connected to

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the PSU.

- **\*\*USB Connection Failure\*\***: Check for loose USB cables or try a different USB port.

Screenshot Timestamp:



Contact Us

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Video Reference: <https://youtu.be/iGyYbmV7Ak>

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