

Packing Lists and Wiring Instructions

1. Netbell-KL-C Packing Lists

____ Netbell-KL-C Server (01-910-00066) (1)
____ Digital Clock (01-880-00028) (1)
____ 20FT RJ45 Cable (01-390-00028) (1)
____ 3M Power Cable (01-850-00029) (1)
____ 24VAC Power Supply (01-850-00024) (1)
____ Set of Mounting Brackets (1)
____ Netbell Setting Instructions
____ Packing Lists and Wiring Instructions



Safety Instructions

- If the device is not powered via an Ethernet cable, use only the power adapter provided by Linortek that comes with your order. Other power supplies may damage or destroy the device, affect its behavior, or induce noise.
- Avoid placing the cables where people may trip over them or where they may be exposed to mechanical pressure as this may damage them.
- Do **NOT** install the device in rooms with high humidity. Do **NOT** immerse the device in water and do **NOT** spill or pour liquids of any kind onto or into the device.
- Do **NOT** install the device in surroundings at risk for explosions. Do **NOT** use the device if you smell gas or other potentially explosive fumes.
- Do **NOT** use the device during thunderstorms. Lightning striking the power grid may cause electric shocks.
- Do **NOT** remove the device's power supply (Ethernet cable when using PoE, power adapter when not using PoE) when the RED LED is blinking and the GREEN LED is on (called Bootload state); a firmware update is ongoing. Cutting off the device's power during a firmware update (red LED blinking, green LED on) will damage the firmware and render the SERVER inoperative. In such cases, it will need to be returned to factory for resetting.

Product Manuals & Resources

To access the complete product manual, wiring instructions, and tutorial videos regarding the product setup and configuration, please visit <https://bit.ly/01-910-00066> and click the **Manuals & Resources** tab. Alternatively, scan the QR code with your smartphone to access the documentation.



1. Wiring Instructions



- Attach the mounting brackets to the SERVER using the provided self-tapping screws (4 places). Install the SERVER at the desired location with the appropriate screws, depending on your wall type.
- Power supply wiring: Wire one side the power cable to the 24VAC power supply AC terminals (use both **AC** terminals). Plug the power supply to a suitable AC outlet, plug the CP connector into Server at the location labelled **POWER**.
- Plug RJ45 cable into the **NET** connector, connect the other side of the RJ45 cable to the router or a network switch. **Please NOTE: the Netbell-K board will work only on 1000Mbps (Gigabit) port/switch, it will not work on 10/100Mbps. If you are unable to connect to the Netbell-K server, please check with your IT department to make sure the Ethernet switch you are connecting to is 1000Mbps (Gigabit).**
- The digital clock comes with a 3-meter cable. Mount the two screws (provided with the clock) on the wall where you want to install the clock (up to 3 meters away from the Netbell-KL SERVER max), hang the clock on the screws, then plug the digital clock into the connector labelled "**CLK**".
- Push switch (available to purchase separately) wiring: Plug the push switch to the digital input labelled DIN 1 if you want to ring the bell manually for emergency.
- External bell (available to purchase separately): There is one external bell output on the Netbell-KL that you can connect one additional bell to the controller if needed. The external bell output is DRY contact (1-Form-A relay 48VAC@8A Max). To wire an external bell, please follow the External Bell Wiring Diagram on page 1.

2. Clock Activation

To activate the clock, login to the webpage, go to **Settings – Settings** page, enter **Clock** in the **UART Usage** box, then click **SAVE**.



For instructions of accessing the Netbell Server and adding schedules to ring the bell, please follow the **Netbell Setting Instructions**.

Video tutorials: Netbell software configuration video: <https://youtu.be/DURMAojcAnU?si=hJx1iR4KK3Hy28LQ>, or scan the QR code from your phone:

