



LINORTEK Netbell-KL-E2M-C Network Break Bell Clock System Instruction Manual

[Home](#) » [LINORTEK](#) » LINORTEK Netbell-KL-E2M-C Network Break Bell Clock System Instruction Manual 



Packing Lists and Wiring Instructions

Contents

- [1 Netbell-KL-E2M-C Packing Lists](#)
- [2 Safety Instructions](#)
- [3 Wiring Instructions](#)
- [4 Clock Activation](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)

Netbell-KL-E2M-C Packing Lists

- ____ Netbell-KL-M2 Server (1)
- ____ Extra Loud Bell Kit (01-910-00041)(2)
- ____ Bell Cable (01-850-00046)(2)
- ____ 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 List and Wiring Instructions

Safety Instructions

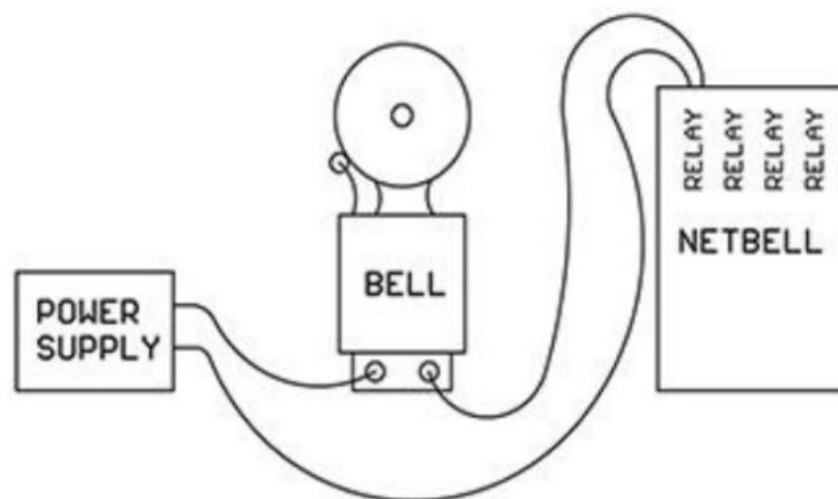
- If the device is not powered via an Ethernet cable, use only the power adapter provided by Linortek that comes with your order. Other power supplies may damage or destroy the device, affect its behavior, or induce noise.
- Avoid placing the cables where people may trip over them or where they may be 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.

Wiring Instructions



1. 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.


2. 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-M2 max), hang the clock on the screws, then plug the digital clock into the connector labelled “CLK”.
 3. Power supply wiring: Wire one side the power cable to the 24VAC power supply AC terminals (use both terminals). Plug the power supply to a suitable AC outlet, plug the CP connector into Server at the location labelled POWER.
 4. 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).
 5. 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.
 6. External bell wiring: The external bell outputs are setup as DRY contacts on the Netbell-KL. when you wire the external bell to the SERVER, a power supply for the external bell will be needed when connect it to the SERVER.
- Mount the pre-wired bell kit at the location as desired.
 - You can extend the bell cable if needed, maximum of 250 feet with 18AWG cable and 500 feet with 16AWG.
 - Wire one side of the power cable to one side of the power supply AC terminal; the other side of the power cable connects with one side of the bell cable.
 - Wire the other side of the bell cable to the power supply 2nd AC terminal.
 - Connect the bell cable connector to External Bell Output of the Server labeled as EXT.
 - Plug the bell power supply to a suitable AC outlet. Please note when you add schedule on the Netbell Bells page, the external bells use Bell 2, 3 on the software.



External Bell Wiring Diagram

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.


PAUSE

Home
Services
Tasks
Logs
Settings
Configure
System

Settings

Use Active Main: ☒

Require Login: ☒

Use IP Ranges: ☐

Use RESTful IP Ranges: ☐

Use Remote IP Ranges: ☐

Use RESTful Authentication: ☐

Extend Relay Range: ☐

Use Relay Radio Buttons: ☐

SQL Port No.:

Use System eMail: ☐

Use Fahrenheit: ☐

PGM Dynamic Relays: ☐

CLR PGMs on Start: ☒

RTC Temperature Compensation: ☒

Use AM2302: ☐

Java Report: ☐

Use Metric: ☐

UART Usage: ☒

Switch Bypass 1: ☐

Switch Bypass 2: ☐

Setting 19:

Use Audio File System: ☐

WiFi Report: ☐

Active Landing Page: ☐

Invert Relay Control: ☐

Setting 34:

SAVE

CANCEL

Version v19.04.20K Copyright (c) 2013-2019 Linor Technology Inc. - All rights reserved.
Standard Red Version

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:




<https://youtu.be/DURMAojcAnU?si=hJx1iR4KK3Hy28LQ>



Linor Technology, Inc.
Information subject to change without notice.
062024 R002V002
Printed in U.S.A.

Documents / Resources

 Netbell-KL-E2M-C Network Break Bell Clock System [pdf] Instruction Manual Netbell-KL-E2M-C Network Break Bell Clock System, Netbell-KL-E2M-C, Network Break Bell Clock System, Break Bell Clock System, Bell Clock System, Clock System, System	
---	--

References

-  [Linortek Remote IO, Audible & Visual Alarm Systems, and IoTMeter](#)

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.