Linortek Netbell® -2
Network Bell Controller

Self-Contained, Easy-To-Use, Remote Access, Scheduling Bells from Web Browser, No Software Required to Install on Your Computer

Applications

Provide remote access to control timed alert system for:

- Schools
- Office Buildings
- Small Factories, Warehouses
- Any other timed alert system.

The Key Features

- Network enabled, access the Netbell software from web browser
- Import/export schedules from existing data in text format
- Flexible and accurate control of when the bells ring (HH:MM:SS,MM/DD/YYYY, SUNDAY- SATURDAY)
- Built-in real time clock sync sits time from NTP server every 30 minutes (user changeable)
- Built-in rechargeable battery protected auxiliary real time clock
- Use as either a network device or a standalone device
- Designed, developed and built in the USA with global materials

Linortek Netbell® is an ease-of-use, network enabled, custom developed device for schools, factories, warehouses and other organizations to build a fully automated web-based timed alert system for signaling shift changes, general alarm, and breaks in areas of high ambient noise levels. The system is built on a TCP/IP platform with a built in web server, which allows users to access, control, and schedule the bells accurately and effectively using an Internet connection from anywhere over the network, with no additional software or designated computer required.

The Netbell-2 is a networked bell controller which is housed in a Din-rail mountable enclosure. With the 2 relay outputs (Dry contact, 1-Form-A relay 30VDC@8A, 48VAC@8A Max), it can be used to control up to 2 signal devices or activate different tones in a PA system. With the digital inputs you can wire a push switch for ringing bells manually in emergency.

For anyone who has separate areas or multiple buildings where running additional wiring is not an option, but network is available at the locations, you can use the built-in remote feature to manage & schedule multiple Netbell devices from the free BellScheduler desktop app, making the management of your bell systems incredibly easy.

Linortek Netbell Bell Controller Technical Specifications

Item	Description	Netbell-NTG	Netbell-Ultra 300	Netbell-2	Netbell-4K	Netbell-8
Software	Built-in web-based software	√	√	√	√	√
Network Connectivity	Ethernet Port: 10/100Base-TX PoE	√	√	√	×	×
	Ethernet Port: 10/100Base-TX NIC	×	×	×	√	√
Configuration	From web browser	√	√	√	√	√
Schedule	Numbers of schedule	8*	10	1	1	1
Event	Up to 500 events	√	√	√	√	√
Built-in Tones	40 standard tones w/ custom pre-recorded messages up to 10 hours	√	×	×	×	×
Relay Output	Dry contact, signal relay,2 Form C, 1A @ 30VDC	0	2	0	0	0
	Dry contact: 1 Form A 48VAC@8A Max	0	0	2	4	0
	Dry contact, 1 Form C 48 Volt Max (12VDC/5A, 24VAC/DC 3A)	2	0	0	0	0
	Dry contact, 1 Form C 48 Volt Max (5A@NO, 3A@NC)	0	0	0	0	8
Digital Input	ISO mode: 5-24VDC @30mA max, PU mode: Used with a switch	4	2	2	1	0
Analog Input	Voltage: 5V or current 4-20mA	0	2	0	0	0
	Temperature & humidity sensor input	0	1	1	0	0
Security	TLS, SSL	×	√	×	×	×
Network Services	DHCP, DNS, TCP/IP (IPv4), UDP, HTTPs	√ *	√	√ *	√ *	√ *
Firmware Updates	Bootloader app through TCP/IP	√	√	√	√	√
Power Input	12VDC	√	√	√	×	√
	12VAC	×	×	×	√	×
	POE	√	√	√	×	√
Accessories	Power supply	√	√	√	√	√
	RJ45 cable	√	√	√	√	√
Physical & Environment	Enclosure	Polycarbonate	DINRail mountable		NEMA (IP66) rated	Bare board
	Dimensions (MM)	125 x 175 x 60	70 x 100 x 25		150 x 150 x 90	74 x 100 x 20
	Working temperature	From 0 to +65 Celsius				
	Storage temperature	From -40 to +125 Celsius				
	Humidity	From 10% to 90% Non-condensing				

* HTTPs is not supported, only HTTP.

*By assigning different tones to different relays(up to 8)