

KN ZD 41

Emergency Fire Telephone Tunnel Evacuation System



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Road Rail Tunnel Ports Industrials Public Buildings Security Transport Utilities



KNZD 41 Fire evacuation telephone is a multi - purpose emergency telephone combined with broadcast loudspeakers, flashing strobe lights loud siren is designed for operation in high noise environments.

Manual Fire Alarm by break the glass. Automatic alarms initiated by smoke detector, gas detector and flame sensor.

Multi unit voice broadcast to a single KNZD 41 or group or all via an optional central IP server software that includes live monitoring voice recording and fault alarms.

When a fire alarm is activated a user can press the blue button to mute the local siren whilst using the telephone, the strobe continues to flash, and then by pressing the button again will re-activate the siren.

Analogue and IP, SIP 2 VoIP versions, designed for Tunnel, Railway, Metros, Hospitals, Industrials, Marine, Ports, etc...

Robust metal SUS 304 die case housing with door, IP 66 waterproof offers protection against the outdoor environment, durable vandal resistant and rust resistant.

System Features Ticks all the right boxes

- ✓ Multi Feature Fire Evacuation Telephone
- ✓ Voice Evacuation Broadcast
- ✓ Multi Unit PC Broadcast IP Software Option
- ✓ High volume amplified loud speakers
- ✓ Warning Siren
- ✓ Warning Strobe Lights
- ✓ Local siren cancel to use telephone
- ✓ Speed Dial Memory
- ✓ Compatible with most brands of PBX
- ✓ Internal 24VDC Built in UPS or rechargeable battery for amplifier /strobe
- ✓ 7 minute auto time out if phone left off hook
- ✓ Adjustable limit on call time
- ✓ Robust steel SUS 304 body
- ✓ Manual break glass alarm option
- ✓ Automatic alarms smoke, gas, flame detectors
- ✓ Vandal resistant and tamper-resistant
- ✓ Telephone line powered or DC or PoE VoIP version
- ✓ Weather resistant and dust proof to IP66
- ✓ Ambient temperature range: -30 to +75 deg C
- ✓ Induction loop for hearing impaired.
- ✓ Telephone Handset High Impact, Armoured Cable
- ✓ Magnetic Reed hook-switch
- ✓ Noise canceling microphone
- ✓ Lightning protection ITU-T K.21
- ✓ EMC:EN55022 / EN55024/ Railway Electromagnetic EN50121-CE Mark-FCC- ISO9001 RoHS

Trusted By Customers - Worldwide

Koon Technology telephones are in service with many of the world's largest companies: Railways, Underground, Mining, Power Generation, Airlines Banking, Government, Malls to name but a few.

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Technical Specifications

Fire Alarm

Power Supply:
Telephone: Line Powered
Internal 24V DC for amplifier from built-in UPS or battery
Internal 24V DC for flash strobe light from UPS or battery
External 230 V AC 50Hz, 2 hours of backup power (UPS or battery)
Alarm:
Red flashing strobe light
Siren sound greater than 120 dB
Blue button local siren mute to make a call
Manual Break glass fire alarm optional
Automatic alarms smoke, gas or flame detectors

Analogue Version

SPC Exchanges: Various types of dispatching exchange system with voltage range of 28V to 60V.
Ambient temperature: -35 deg C to +75 deg C
Relative humidity: 10% to 95%
Atmospheric pressure: 86 to 106Kpa
Sound level of ringing: over 75 - 85 dB (A)
Call transmission index: (7KM)SLR<12, RLR<-1, STMR>10, output impedance is 600 Ohm.

VoIP Version - IP SIP

Connection: RJ45 socket inside sealed enclosure
Power Supply: External 5 Volts dc
Call set-up protocol: Session initiated protocol (SIP)
Configuration: DHCP or Static IP address

Multi unit IP Broadcast Software Option.

Certified Standards

EMC: EN50121 Railway application electromagnetic compatibility.
EN55022: Emissions
EN55024; Immunity
Ingress protection: IP66
CE Mark - FCC - ISO 9001 RoHS Compliant
ITU-T Lightning Recommendation K22.



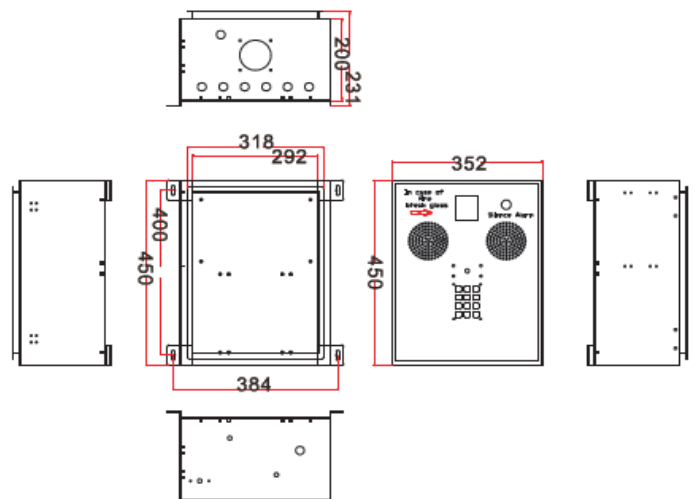
All information and specifications are subject to change without prior notice and is "preliminary" only.



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Hearing Loop installed.



Unit Size 450mm (W) x 350mm(H) x220 (D)

Handset

Kirk electro dynamic transducer for both handset transmitter and receiver
Armoured cable
Stainless steel connection cable to lines
4 button speed dial

Please contact us for further details:

Tel +44 (0)1635 285 376

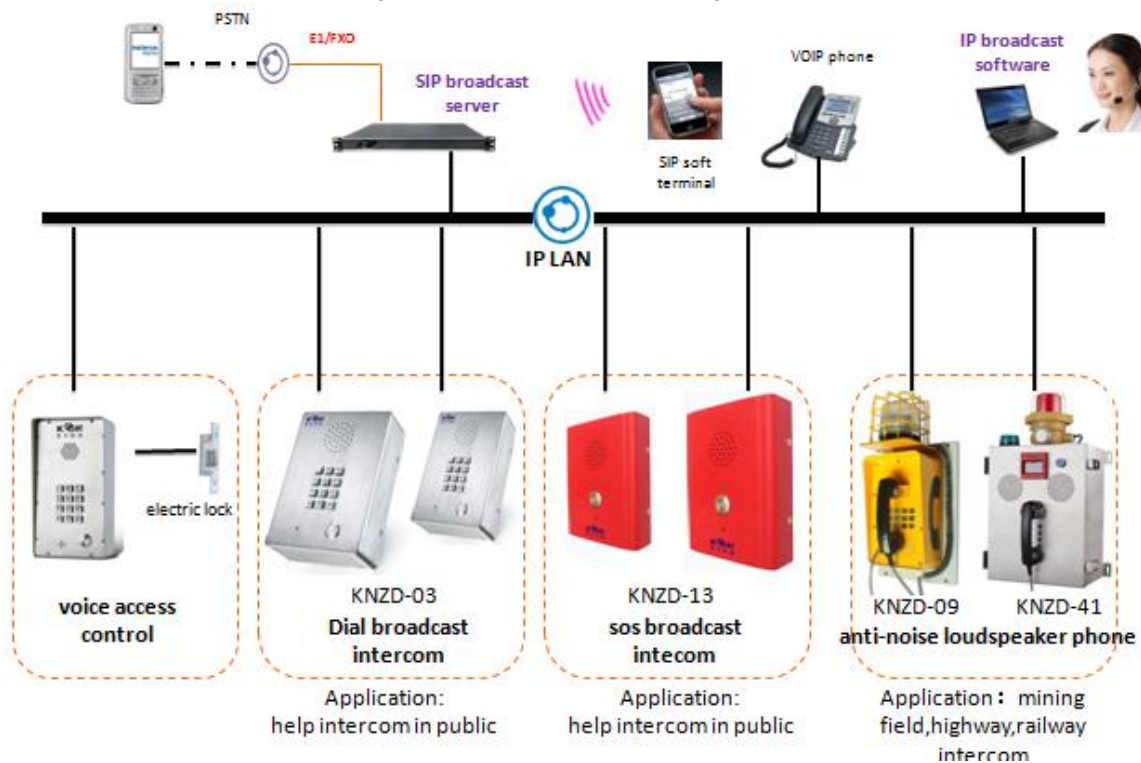
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OPTIONAL: Multi Unit IP Voice Broadcast Server Software

SIP intercom and broadcast system, consists of SIP broadcast intercom terminal, SIP broadcast server, IP broadcast control software, central operation console and VOIP phone.



- ❑ SIP broadcast intercom terminal: provide one emergency button intercom, emergency broadcast communication...
- ❑ SIP broadcast server: provide connection service to intercom terminal and responsible for automatic call distribution management; integrate with traditional telephone system and administration office phone system by voice frame relay.
- ❑ IP broadcast control software: centralized manage network terminal status, intercom, monitor, broadcast, surveillance and access control.
- ❑ Centre operation console: with high fidelity voice, a key broadcast and real time monitoring status of broadcast terminal equipment.