

**KN ZD 39**

# Emergency Help Point Speaker Phone

# Acorn Monitoring



Tel: +44 (0)1635 285 376 [www.acornmonitoring.co.uk](http://www.acornmonitoring.co.uk)



Road Rail Tunnel Ports Industrials Public Buildings Security Transport Utilities



The Koon Technology KNZD-39 auto dial hands free help point telephone / speakerphone has an LED to indicate when ringing and is available for standard or smart analogue or SIP VoIP connections. Easy to install and program supports DTMF tones Optional LED's for ringing alert.

KNZD-39 autodial emergency speakerphone is manufactured to a very high standard with a robust stainless steel body sprayed with a bright reflective fade free lacquer. IP65 rated for indoor and outdoor use in wet or corrosive environments.

KNSD-39 meets the latest UK & European standards CE Mark, EMC, RoHS, including railway, lightning protection and with a wide operating temperature range, it is built for long term high reliability of operation.

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### Applications

Indoor and outdoor use in wet or environments such as: Public Safety Zones, Railway, Stations, Port Terminals, Airports, Metro Underground, Car Parks, Lifts, Elevators, Shopping Malls, Tunnels, Schools, Universities Factories and many more.....

### System Features. ticks all the right boxes

- ✓ **Analogue, SIP VoIP versions**
- ✓ **Single button Auto-dial**
- ✓ **Robust stainless steel body**
- ✓ **Bright fade resistant paint**
- ✓ **Clear loud speech without feedback**
- ✓ **Auto release on hang up**
- ✓ **Auto time out 5 minutes adjustable**
- ✓ **Vandal resistant and tamper-resistant hardware, simple installation**
- ✓ **Compatible with most brands of PBX**
- ✓ **Isolated box earth connection, Internal components fully isolated**
- ✓ **Weather resistant to IP65 standard**
- ✓ **Wide service temperature range from: -10 degrees to +55 degrees**
- ✓ **Noise canceling microphone**
- ✓ **Dry contact closure for CCTV**
- ✓ **Optional induction loop for hearing aid (12V)**
- ✓ **7 minute auto time out default, adjustable**
- ✓ **Lightening protection ITU-T recommendation K.21**
- ✓ **Certified by: Siemens -Cisco-Ericsson-Huawei Alcatel Lucent - Avaya**
- ✓ **Ingress Protection: GB4208-93 IP67. CE. EMC: EN55022/EN55024/EN50121-3-2: 2006 FCC**

### 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, Shopping Malls to name but a few.

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**ASTRA  
ERICSSON**



Alcatel-Lucent



**SIEMENS**

**NORTEL  
AVAYA**



Koon Technology is approved by the above manufactures and many more...

## Technical Specifications

**SPC Exchanges:** Various types of dispatching exchange system with voltage range of 48V to 69V.

**Ambient temperature:** -10 deg C to +55 deg C

**Relative humidity:** 10% to 95%

**Atmospheric pressure:** 86 to 106Kpa

**Sound level of ringing:** over 70 (A)

**Standard frequency:** low frequency group: 697. 770. 852. 941Hz,

**High frequency group:** 1209, 1336, 1477Hz, frequency deviation: -1.5%~+1.5%

**If service line is a 3Km signal-level:**

**Standard frequency:** low frequency group: -9dB~-3dB, high frequency group: -7dB~-3dB, level difference between low and high frequency of compound signal: 2dB-1dB, the total distortion caused by intermodulation of harmonic wave is lower than the basic level by at least 20dB.

**Call transmission index:** (5KM)SLR<12, RLR<-1, STMR>10, output impedance is 600 Ohm.

**Memory dialing function:** 12 groups of numbers (max number length 16 digits)

## VoIP Version

**Connection:** RJ45 socket inside sealed enclosure

**Power Supply:** External 24 Volts dc

**Call set-up protocol:** Session initiated protocol (SIP)

**Configuration:** DHCP or Static IP address

## Certified Standards

**EMC: EN50121** Railway application electromagnetic compatibility.

EN55022: Emissions

EN55024; Immunity

**Ingress protection:** IP67

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.



Telephone unit size: 30.5 x 18.7 x 5.7CM



**Please contact us for further details:**

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