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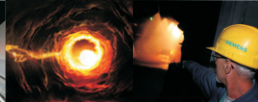
  
**HUAWEI**

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The Power of Air



**Fire Alarm Telephone KNZD-41**

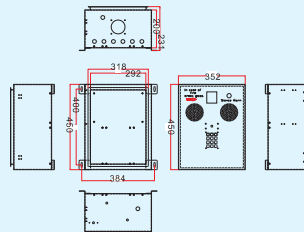


## The most professional manufacture in Asia The exclusive supplier for all Metro project in China

The Fire Telephone will be designed to work on Railway, metro, tunnel, etc. Housed in robust metal box sus304 die cast with door, it will offer protection against the outdoor environment, vandals resistance and rot resistance. The unit will meet all the latest European/UK standards for EMC and US FCC, telephony, waterproofing IP65 or IP66 and lightning protection together with offering the level of performance and reliability demanded in such an environment.

### Telephone Features

1. Robust metal sus 304 body.
2. dustproof keypad flash mounted.
3. Weather resistant to IP65 or IP66 standard, service temperature range from: -35°C to +75°C
4. Magnetic reed hook-switch.
5. Telephone line powered.
6. Lightning protection to ITU-T recommendation K.21
7. Handset: made of special engineering plastic, high anti-knock resistance, Weatherproof, armoured cable optional,
8. Hearing Aid compatible receiver, Noise canceling microphone.
9. Auto off. When detect busy tone, the phone will auto off to release line to avoid engage.
10. Selectable 7 minute time out, to release the line if the handset is left off hook.
11. Vandal resistant and tamper-resistant hardware,
12. Easy installation/ replacement
13. Adjustable ringer and volume control optional.



- Standard and SMART Analogue and VoIP-SIP options available
- DTMF (Dual Tone Multi Frequency)
- Matching with most PBX, PBX and PAX systems.

### Handset

1. Kirk electro dynamic transducer for both handset transmitter and receiver.
2. Spring cable or armoured cable to attach the handset to the telephone main unit
3. Stainless steel cable to connect exchange.
4. Inductive coupler fitted for hearing aid compatibility.

### Main PCB

1. Well treated PCB used inside the phone.
2. Robust screw terminals used for the connection of ringer, handset, line in, hookswitch.
3. Selectable 7 minute time out, to release the line if the handset is left off hook.
4. All connectors be greased in production.

### VOIC OVER IP-SIP (Version)

Connection type: RJ45 Socket inside sealed enclosure  
Power supply: External 5V dc  
Call set-up Protocol: Session Initiation Protocol (SIP)  
Configuration: DHCP or STATIC IP address provisioning



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when there is fire, break FIRE, and make a phone call.  
the siren flash strobe lighting and sounding.  
Press blue button to mute siren sound during  
telephone conversation, at this time the siren stop  
sounding but still lighting and flashing.  
When finish call, press blue button again, the siren  
will continue sounding untill replacement.

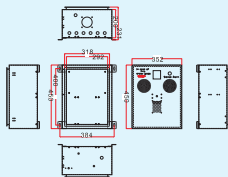
### Fire Alarm Feature

Power supply:  
Telephone part: line powered.  
internal 24V DC for amplifier from built-in UPS or battery  
internal 24V DC for flash strobe light from built-in  
UPS or Battery.  
external 230V AC 50Hz, 2 hours of backup power  
( UPS or battery)  
The siren(alarm) red flash strobe light and siren  
sound greater than 120dB.

### Telephone Feature

- 1.Applicable for various types of SPC exchange and  
dispatching exchange system with feeding voltage  
of 28V-60V.
- 2.Ambient temperature:-35°C~75°C Relative  
humidity:10%~95% Atmospheric pressure:  
86~106Kpa Circumstance noise:≤ 60dB ( A )
- 3.Sound level of ringing : 70-85dB ( A ) .
- 4.Call transmission index : (7KM)SLR≤12,RLR≤-1,  
STMR≥10, output impedance is 600Ω.
- 5.Normal outgoing call or speed dial with memory

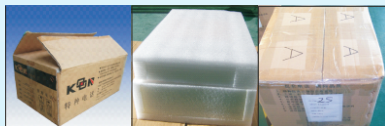
### Mounting



### Connection Cable

Stainless steel connection cable to exchange.  
Well treated keep waterproof.

### Packing Detail :



Unit size: 450mm(W) \* 350mm(H) \* 220mm , N.W:5.3KG  
1pcs in each inner CTN box , size: 439 \* 227\*191mm G.W: 7.1KG

### Certification:



EMC: EN50121 (Railway application-  
ElectromagneticCompatibility)  
EN55022: emissions  
En55024: immunity  
Ingress Protection: GB4208-93 IP 66  
FCC  
ITU-T Recommendations K21