

Wall mount Hand-Free Emergency Response Telephone (ERT telephone)

Model: KNZD-38

The emergency call telephone will be designed to work on Railway, metro, self service place, etc. Housed in robust stainless steel or CRS box with one CALL/ ANSWER button, it will offer protection against the outdoor environment and vandals.

The unit will meet all the latest European/UK standards telephony, waterproofing IP55 or IP65, and lightening protection together with offering the level of performance and reliability demanded in such an environment.



Main Features:

1. [Analogue/ IP SIP POE/ GSM](#) Telephone
2. Metal body stainless steel 304 or 316 or CRS Cold-Roll Steel.
3. Identifying the push button can be customized in English or other language.
4. The phone affixed to the mount using 4 stainless steel [tamper proof screws](#).
5. [Push to talk](#), One button with memory for speed-dial call. Easy programmable.
(we can also make the keypad built-in phone case for hidden).
6. [LED indicators](#) for incoming call optional
7. Wearable, waterproof, moisture proof, Vandal resistant and tamper-resistant hardware
8. Lightning protection to ITU-T K.21
9. Automatically release the line when the other far end hang up first.
10. Selectable 7 minute time out
11. Patch cable is industry standard CAT 3 telephone cable patch cable equipped with RJ11 connector.
12. [Dry contact ready](#) if customer need this for CCTV optional
13. [Self healthy checking and trouble reporting automatically](#)
14. [Auto answer and auto stop](#)
15. [Induction loop](#) ready for optional need 12V AC feeding.



Applications:

As Public telephone for indoor or outdoor, elevator phone, Taxi or bus stands or station, Highway call box. Railway, metro, ATM machines side, Tunnel, Port, Dock, Mines, Generation facilities....
A good ideal telephone for use in wet or corrosive atmospheres

Specification:

Main technical indexes:

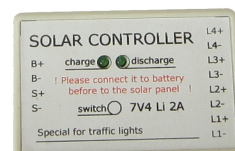
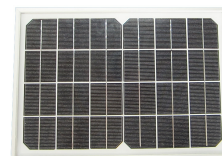
- 1、Applicable for various types of SPC exchange and dispatching exchange system with feeding voltage of 48-69V. or DC or Solar powered.
- 2、Operating temperature: -30°C ~ +70°C Relative humidity: 10% ~ 95%
Atmospheric pressure: 86 ~ 106 Kpa Circumstance noise: ≤ 60dB (A)
The ERT assembly housing weather proof with an IP rating of IP55
- 3、Sound level of ringing: ≥ 70dB (A) . ~ 90dB
- 4、Standard frequency: low frequency group: 697、770、852、941Hz, high frequency group: 1209、1336、1477Hz, frequency deviation: ≤ ±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: 2 ± 1dB, the total distortion caused by intermodulation of harmonic wave is lower than the basic level by at least 20dB.
- 5、Call transmission index: (5KM)SLR ≤ 12, RLR ≤ -1, STMR ≥ 10, output impedance is 600Ω.
- 6、Super strong function is available for dialing 12 groups of numbers stored in the memory (maximum length of each number is 16 digits)



Specification for GSM version:

Main technical indexes:

1. **Network Interface:** 2G or 3G, GSM Frequency : 850/900/1800/1900MHZ
2. **Ringing:** Through internal Speaker/ringer
3. **Power Supply:** ※Re-chargeable Battery powered: 9V/14Ah, Solar back-up: 12V/30W
※AC ADAPTOR: Input: 240V/110V output: 9V/14Ah
4. **Time out:** selectable 0-20 minutes
5. **Temperature:** -20℃~ +60℃emp
6. **Relative Humidity:** up to 90%
7. **Built-in battery Standby:** 21days
8. **Built-in battery talking time:** 21 hours



Approvals



EMC: EN50121 (Railway application- Electromagnetic Compatibility)

EN55022: emissions

EN55024: immunity

Ingress Protection: GB4208-93 IP67

FCC

ITU-T Recommendations K21

Packing details:

1pcs in each inner CTN box,

size: 43.3 x 27.6 x 19.1 G.W: 4kg

4pcs in outer CTN box, size: 56.6 x 44.5 x 42 G.W: 20.25kg

20GP: 3000PCS, 40GP: 6000PCS, 40HQ: 7000PCS



Factory Photo

