KNTECH

Analogue Industrial Phone

ZD Series User Manual

Foreword

Dear customers, thank you so much for purchasing from us. Please read the manual carefully and follow the instructions. Please check if the accessories are fully equipped.

Accessories including: Telephone * 1 unit; Mounting strip *1 set; Hexagon socket head screw * 4 pieces; expansion screws *4 pieces; manual * 1 piece.

This telephone is compatible with most analog or digital telephone program-controlled switches, mainly used for voice communication in a public work environment, and can implement point-to-point (one-touch) calls on a public communication network or a dedicated network.

Item	Model No.						
	KNZD-09 KNZD-11 KNZD-13 KNZD-16 KNZD-17 KNZD-30 KNZD-33 KNZD-36 KNZD-45 KNZD-56 KNZD-68	KNZD-04 KNZD-05 KNZD-07B KNZD-22 KNZD-23 KNZD-27 KNZD-31	KNZD-03 KNZD-06 KNZD-15 KNZD-29 KNZD-43	KNZD-07 KNZD-10	KNZD-59	KNZD-48	KNZD-55
One key dialing	√	×	×	×	×	×	√
Hands-free	√	×	√	×	√	√	×
Handset mode	×	√	×	√	×	×	√
Free number	×	√	√	√	√	×	×
3 groups speed dials	×	×	×	×	×	√	×

1. Specification

1.1. Features:

- Enclosure: Aluminum alloy casting(Stainless steel or cold steel), explosion-proof;

- Receiver, keyboard, buzzer, circuit board, shell and all accessories use multi-layer waterproof and dustproof structure

- The phone has good stability and strong anti-interference ability, in line with national standards GB/T 15279-94

- IP54

- The housing has a grounding device and is completely electrically isolated from the internal circuit and has a certain electromagnetic shielding function.

- The voice is clear when the call is made, the sound is loud, and there is no feedback whistling

1.2. Technical Parameter

- Ringing Level: 70dB（A）

- Pulse dialing

The interrupt ratio of the dial pulse is 1.6±0.2 : 1.0

Dial pulse speed: 10±1 times/second

Dual Tone Multi-Frequency (DTMF) dialing:

- Frequency offset: ≤1.5%;

- Low frequency group level: -9±3dB;

- High frequency group level: -7±3dB;

- High and low level differences in the frequency combination: 2±1dB;

- Total distortion such as harmonics is at least 20dB lower than the fundamental level

- Call transmission index: SLR ≤12, RLR ≤ -1, STMR ≥ 10,

- Output impedance: 600Ω
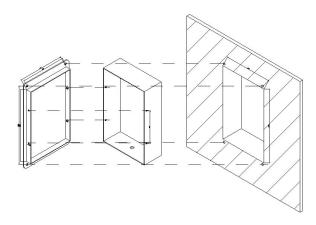
- Electroacoustic characteristics:
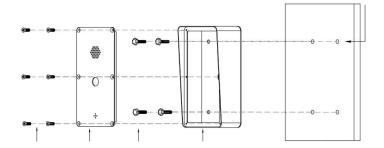
Send loudness rating ≥+2dB ≤+12dB

Accept the loudness rating ≥-8dB ≤-1dB

Lateral masking rating ≥+3dB ≥+10dB

2. Installation method

Reserve a suitable space in the wall to be installed, insert it into the wall and fix it with stainless steel screws.

3. Operation

3.1. Picking/hanging mode (hands-free mode)

The phone can dial the preset number by pressing the hands-free button.

When the other party hangs up, the phone automatically detects the busy tone signal and automatically hangs up after 3~5 seconds.

3.2. Picking/hanging mode (handle mode)

The pick/hang mode is the handle control mode, the off-hook is on, and the on-hook is off;

Answer the phone

When there is an incoming call, the phone rings, remove the handle, and you can talk to the other party. After the call is finished, hang up the handle.

3.3. How to store the number (hands-free method)

(1) Remote deposit number: By calling the machine, (Note that every time you press the correct mode, you will hear a tone. If you don't hear the prompt, the operation method or step is wrong, please details.

Read the instructions.)

(2) Use any DTMF phone to call the unit

(3) After several ringtones, answer the question and enter the number setting state directly by entering the password.

(4) Enter *8888#. After inputting correctly, hear three beeps, first group input #1, second group input #2, third group input #3, fourth group input #4, and then input to be stored.

The number (0-9), after setting, hang up, automatically dial out the saved number the next time you pick up the phone.

The default storage address key for a group of speed dial phones is #1, and the other steps are the same.

(5) Number clearing: Use any DTMF phone to call the machine. After several ringtones, lift the handset, enter

*8888#, hear three beeps, input #5, hear three, hang up, down

After the power is turned on, the automatic dialing is canceled.

(6) Restore factory settings: input *****#, automatically hang up after hearing the tone, and clear all configurations next time.

3.4 How to store the number (handle mode method)

Remote deposit number: by calling the unit

(1) Use any DTMF phone to call the unit

(2) After several ringtones, lift the handset and enter the number setting status directly by entering the password.

(3) Set the four groups of speed dial numbers, enter *8888#, after inputting correctly, hear three beeps, then input (#1-#4), then enter the number to be stored (0-9), after setting

Hang up, the next boot will take effect.

(4) Lift the machine automatic dialing number setting, enter *8888#, after inputting correctly, hear three prompts, then input #5, then input the number to be stored (0-9), set it up, hang up, next time boot

Effective.

(5) Number clearing: Use any DTMF phone to call the machine. After several ringtones, lift the handset, enter *8888#, hear three beeps, input (#1-#5), hear the prompt tone for 3 times, hang up, automatically dialed after the next boot.

Local deposit number:
The local deposit and clear number methods are the same as the remote deposit method (models must have button support).

4. Repair and maintenance

This phone is for special use, please protect it properly.

Please read the manual carefully before use and strictly follow the instructions to extend the life of the phone.

If the phone malfunctions, it must be repaired by professional technicians and must not be disassembled.

KNTECH

Thank you for using Koontech brand products！

Our philosophy is: focus on quality, service, continuous innovation, and customer friendliness.

Our team: camel's team, with goals, discipline, perseverance, endurance and resilience.

Our staff: honest, sincere, careful and meticulous.

Our vision: to create a world brand and build a century old store. Become a respected enterprise!

Our business

HongKong Koon Technology Co., Ltd. is a communication infrastructure integrating R & D, production and sales all kinds of special emergency communication system providers are the world's leading integrated communication solution providers. We are committed to the R & D and production of industrial telephone and emergency communication system.

• We provide no host call system for petroleum, chemical, metallurgy, steel, tunnel and other industries and projects;

• We provide SOS emergency call system for scenic spots, resorts, country parks and municipal squares;

• We research, develop and produce world-class offshore drilling platforms, LNG liquefiers, petrochemicals and coalintrinsically safe explosion-proof telephone for other industries;

• Passenger call system and SOS emergency call for subway, expressway, integrated management corridor, airport, wharf telephone, as well as the special interphone for the disabled and the hearing impaired;

• Clean room telephones for pharmaceutical factories, dust-free workshops, hospitals, banking customer service telephones, disabled people special window intercom for hearing impaired;

• The sound power counter, outdoor weather proof telephone station, noise elimination booth and public telephone booth used in military special industry.

HONGKONG KOON TECHNOLOGY CO.,LTD