

bittel



bittel

**User Manual
For
HWD82TSD**

We bring good things to Hotel/Hospitality

Tel: +86 633 2212125/2103/2160/2177

Fax: +86 633 2212118

Please read this manual before use.

1. Product overview

The Bittel 82 Cordless Telephone System is designed to meet the practical requirements of hotel rooms. It utilizes high-quality electronic materials and patented technologies, offering rich features and stable performance. Complemented by a modern aesthetic design with strong visual appeal, it fully satisfies hotel needs.

1. Supports making/receiving calls. Each base unit can connect up to 5 handsets.
2. The handset does not function without an external power source.
3. Low-battery alarm function on handsets.
4. 6 speed dial keys for personalized guest services.
5. 5-level volume adjustment on handsets.
6. Call hold and mute functions.
7. Supports message indicator lights for Avaya, Lucent, Siemens, and FSK systems.
8. Handset sleep mode.
9. Supports both manual and automatic handset registration.
10. Kempinski Mode (Handset automatically powers on when removed from the base charger).
11. Handsets can be placed either face-up or face-down.

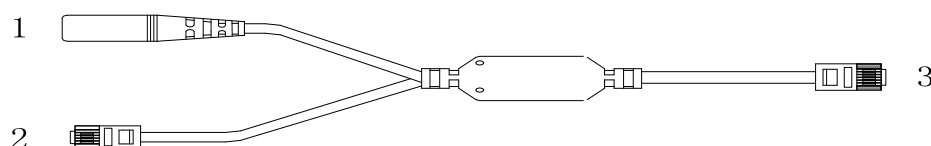
2. Installation and Usage Precautions

1. Power and Telephone Line Connection:

- Connect the power plug of the splitter cable (labeled as Port 1 in the diagram) to the power adapter.

- Insert the RJ11 4-core plug of the splitter cable (labeled as Port 2 in the diagram) into the room's telephone line input socket.

- Connect the RJ11 6-core plug of the splitter cable (labeled as Port 3 in the diagram) to the TO TEL/WAN port on the back of the telephone unit.



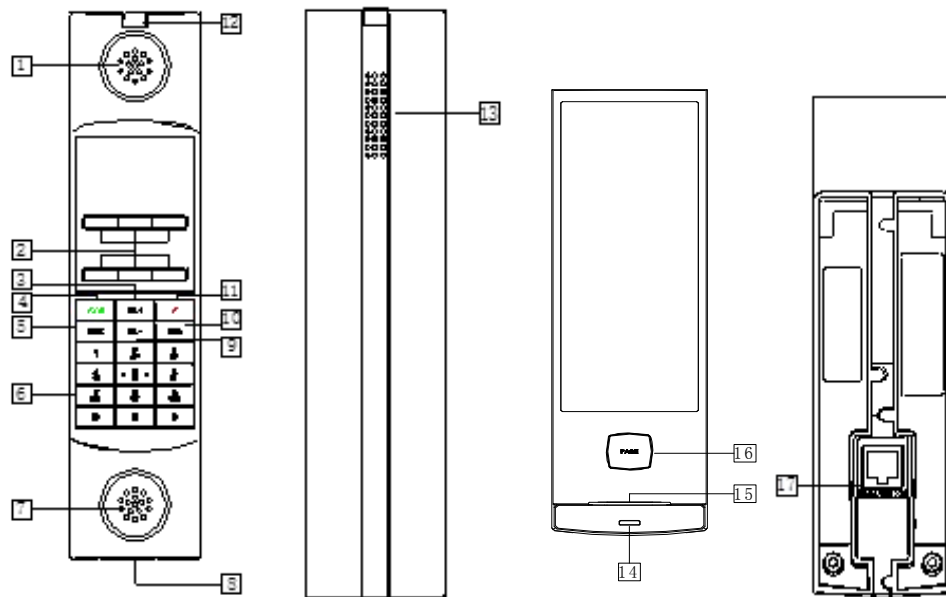
During installation, do not plug into incorrect interfaces, and ensure the power

voltage is correct.

2. The base unit should be installed in a dry and clean area to avoid moisture affecting its performance.

3. The base unit must be fire-resistant, splash-proof, and shock-resistant. Wipe surface dust with a soft cloth. Do not use chemical solvents.

3. Key and Function Interface Description



- | | | |
|------------------------|--|-----------------------|
| 1. Receiver | 2. Speed Dial | 3. VOL + |
| 4. Handset / Speaker | 5. MUTE | 6. Numeric keypad |
| 7. Handset mic | 8. Female charging port | 9. VOL - |
| 10. HOLD | 11. Hook up | 12. Message Indicator |
| 13. Speaker microphone | 14. Charging and PAGE Indicator Lights | |
| 15. Male charging port | 16. PAGE | 17. TO TEL/WAN port |

4. Methods of Use

4.1 Registration Methods

a. Manual Registration:

1. Press and hold the PAGE key on the base unit for 5 seconds until the indicator light turns off.
2. Within 5 seconds, press **HOLD + * + HOLD + MUTE** on the handset.
3. After a few seconds, the handset will ring once to confirm successful registration.

b. Automatic Registration:

1. Place the handset on the base unit's charging dock.
2. The handset's indicator light will blink once.
3. After approximately 10 seconds, press the PAGE key on the base unit.
4. The handset will ring to confirm successful registration.

4.2 On/Off-Hook Operations

In on-hook mode, press the handset's power button (green) (when the handset is not placed on the base). The handset goes off-hook, and the off-hook indicator lights up. Press the handset's OFF button (red) to hang up, and the off-hook indicator turns off.

In on-hook mode, press the handset's power button (green) (when the handset is placed on the base with the keypad facing upward). The handset activates hands-free off-hook, and the off-hook indicator lights up. Press the handset's OFF button (red) to hang up, and the off-hook indicator turns off.

4.3 Auto pickup Mode

- a. Activating Auto pickup: In on-hook mode, press and hold the handset's **HOLD + * + HOLD + 5 keys** (after activation, when lifting the handset from the charging base, the handset will power on automatically).
- b. Deactivating Auto pickup: In on-hook mode, press and hold the handset's **HOLD + # + HOLD + 5 keys** (after deactivation, lifting the handset from the charging base will not trigger automatic power-on).
- c. Auto pickup Mode Behavior: After the handset powers on automatically, if no buttons are pressed within 10 minutes, it will hang up automatically.

4.4 Busy Tone Hang-Up

When the handset is powered on (handset mode), it will automatically hang up after nine busy tones;

When the handset is powered on in hands-free mode, it will automatically hang up after nine busy tones;

4.5 Volume Adjustment

- a. In on-hook mode, press the handset's **HOLD + # + HOLD + VOL+/VOL-** to set the receiver/ring volume to restore to the default level after hanging up (default level is the current level when the command is executed).
- b. In on-hook mode, press the handset's **HOLD + * + HOLD + VOL+/VOL-** to set the receiver/ring volume to not restore to the default level after hanging up.
- c. In on-hook mode, pressing VOL+/VOL- increases/decreases the ring volume, which will not increase/decrease further after reaching the maximum/minimum level.
- d. When powered on, pressing VOL+/VOL- increases/decreases the receiver volume, which will not increase/decrease further after reaching the maximum/minimum level.

4.6 HOLD Function

- a. During a call on the handset, press the HOLD button to enter hold mode, and the off-hook indicator flashes.
- b. In hold mode (handset not placed on the base), press the handset's power button

to cancel hold mode, switch the call to the handset receiver, and the off-hook indicator stays lit.

- c. In hold mode (handset placed on the base with the keypad facing upward), press the handset's power button to cancel hold mode, switch the call to hands-free mode, and the off-hook indicator stays lit.
- d. In hold mode (handset not placed on the base), placing the handset back on the base will keep it in hold mode. Lifting the handset again resumes the handset receiver call, and the off-hook indicator stays lit.
- e. In hold mode (handset placed on the base with the keypad facing upward), lifting the handset resumes the handset receiver call, and the off-hook indicator stays lit.

4.7 MUTE Function

- a. During a handset receiver/hands-free call, press the MUTE button to disable transmission, and the MUTE indicator lights up steadily;
- b. In mute mode, press the MUTE button again to resume transmission, and the MUTE indicator turns off;
- c. In mute mode, the handset can be hung up normally, which simultaneously deactivates the mute mode.

4.8 Speed Dial Keys

- a. Subset Synchronization with Base Speed Dial Keys Setup Method:
In on-hook/off-hook mode, press *#92# to enable synchronization with base speed dial keys mode.
Subset speed dial keys M1-M6 (bottom row leftmost is M1) correspond to base unit's M1-M6.
Base speed dial key setup requires handheld programmer configuration (see handheld programmer manual). (Base unit without speed dial keys does not affect this functionality)
In this mode, clearing speed dial numbers can only be done via handheld programmer.
- b. Manual Storage Operation Method
In on-hook/off-hook mode, press *#93# to enable manual storage mode;
In on-hook mode, press HOLD + number + HOLD + speed dial key to store number.
In on-hook mode, press HOLD + HOLD + speed dial key (hold over 3s) to clear stored number;
- c. One-Touch Direct Dial Function
In on-hook/off-hook mode, press *#91# to enable one-touch direct dial function;
In on-hook/off-hook mode, press *#90# to disable one-touch direct dial function;
Default setting enables one-touch direct dial function. Speed dial keys do not support hang-up functionality.

4.9 Message Indicator

Supports four types: High Voltage, Lucent, Siemens, and FSK.

4.10 Handset Sleep Mode

In on-hook mode, press the MUTE key five times consecutively to enter sleep mode. After placing the handset back on the base charging dock, it exits sleep mode. In sleep mode, remove the battery to disconnect power for over 10 seconds and then reconnect power to restore the handset to normal mode.

5. Simple failure diagnosis and troubleshooting

No ringtone or inability to sustain ringing.

- 1、 Check if the telephone line has poor contact or moisture damage.
- 2、 Check if there are too many parallel extensions on the same line.
- 3、 Check if the ring volume is set to the lowest level.
- 4、 Verify that the handset has successfully registered, the registered base unit is powered on, and the distance remains within operational range.

6. Environmental Statement

The products meet the requirements of international environmental protection standards, such as packaging materials to comply with the Packaging Directive: $Pb+Cd+Hg+Cr^{6+}<100PPM$.

7. WARRANTY

This product is warranted for a period of 12 months from the date of purchase against faulty materials or workmanship. If during this period a defect arises, we may repair or replace the product, at Bittel's discretion, provided that:

- 1) The product has not been used for any purpose other than normal use,
- 2) Unauthorized product repair or modifications have not been attempted.
- 3) The product has never been used in a harsh or corrosive environment.
- 4) No damage in transit

THIS LIMITED WARRANTY GIVES THE BUYER SPECIFIC LEGAL RIGHTS. THE BUYER MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM JURISDICTION TO JURISDICTION.

This warranty is only valid for merchandise purchased directly from Bittel or dealers or distributors Bittel Co. authorized.

8. FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CONTACT BITTEL

Company: Shandong Bittel Intelligent Technology Co., Ltd.

Address: No.1 Rizhao North Road, Rizhao, Shandong, 276800 China Telephone:

(86) 633-2212125/2212160/2212177/2212119

Internet: www.bittelgroup.com Email: info@bittelgroup.com

Copyright©2025 Bittel Inc. All rights reserved.