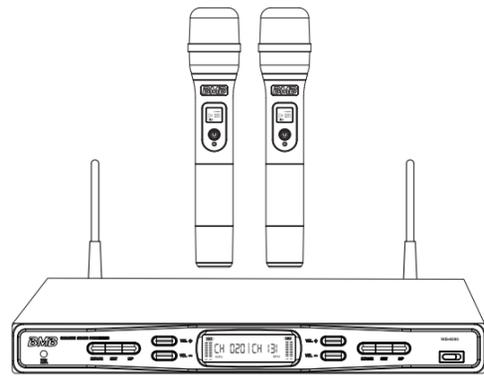


IMPORTANT SAFETY INSTRUCTIONS

1. Read this instruction manual.
2. Keep this instruction manual.
3. Always include this instruction manual when passing the products on to third parties.
4. Heed all warnings and follow all instructions in this instruction manual.
5. Only clean the products when they are not connected to the mains and use a dry cloth for cleaning.
6. Do not expose the device to any high temperatures, dripping or splashing water, strong vibrations or heavy mechanical stress.
7. Do not place any open sources of fire, such as burning candles, on or directly next to the device.
8. Consult an expert if you are unsure as to the function, safety or connection of the product.
9. Never operate the device unattended.
10. Only operate the device in moderate climate, never in tropical climate.
11. Do not leave any packing material unattended. It may become a dangerous toy for children.
12. Comply with the safety and operating instructions of any other devices that are connected to the device and observe the additional safety instructions in the individual chapters of these instructions.
13. At industrial sites, the accident prevention regulations of the association of the industrial workers' societies for electrical equipment and utilities must be followed.
14. If you are not sure about the correct connection or if there are any questions that are not covered by the operating instructions, do not hesitate to contact our technical support or another specialist.

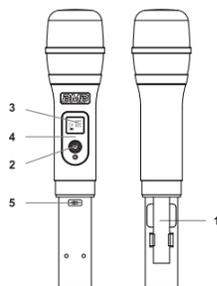
System Features



- Streamline appearance design, humanized operation interface, beautiful and generous;
- High definition TBM LCD display, intuitive and clear;
- The sound curve is carefully adjusted, the sound is warm and transparent;
- The design of ultra-low distortion sound processing circuit with the international top high performance audio processing chip;
- Ultra-high frequency dynamic compression shunt technology, high frequency automatic shunt loading;
- Show optimal dynamic performance; Industry unique shake auto to frequency function, bring a new experience for KTV;(WB-5000/WM-500)
- Intelligent quiet, intelligent dormancy, intelligent drop mute protection;
- New dynamic digital pilot technology, never frequency;
- Shake automatic matching function brings a new experience to KTV;(WB-5000/WM-500)
- New power regulation, with 2 levels power regulation;

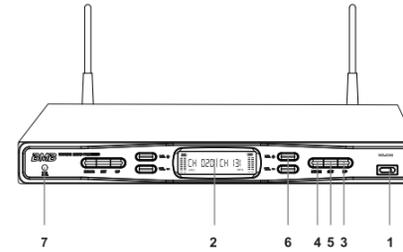
System specifications	Receiver	Microphone
Frequency Range: 640–690MHz Channels: 200CH Working distance: ≈50m Frequency space: 250KHz Band width: 50MHz Frequency oscillation mode: PLL module locked loop design	S/N Ratio: ≥50dB Carrier wave stability: ±5KHz Signal pick up: CPU controlled selection & pilot identification Mute: Mute & Lock Loop Circuit Display: LCD Power supply: 12V DC ≥500mA Output connection: 2 XLR Balanced Socket + Unbalance TRS 6.3mm Socket	Frequency oscillation mode: PLL module locked loop design Transmission method: CPU controlled selection & pilot identification Carrier wave stability: ±5KHz Display: LCD + color background Capsule: Dynamic 2 Level power: High/Low

Microphone



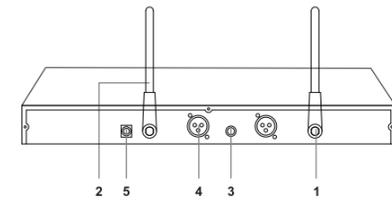
- 1 **Battery box** — unscrew the lower part and load the two batteries into the battery card slot.
- 2 **Power on key** — after load cell, push down this button, information display will light up, can be carried out after operation and the use of
- 3 **The LCD display** — display of information, information content display frequency, battery, etc.
- 4 **Infrared pair frequency receiving window** — used for docking and receiving and transmitting frequency points.
- 5 **HI/LO power switch** — dial to the "Hi" to high power and dial to the "Lo" to the low power.

Receiver (front)



- 1 **Power supply key** — after pressing this button, the information display will be lit up, and then it can be used and operated.
- 2 **LCD display** — information display screen, display frequency point, battery content and other information content.
- 3 **Upward key** — select the channel to increase the corresponding channel value.
- 4 **Down key** — select channel to reduce the corresponding channel value.
- 5 **SET confirmation key** — used for confirmation of receiver adjustment.
- 6 **Volume +/- key** — Adjust the receiver output volume.
- 7 **IR launch window** — It's use for infrared emission pair frequency.

Receiver (back)



- 1 **Antenna input interface** — insert the random two antennas into this interface.
- 2 **Antenna** — connect the receiver antenna interface, and form a v-shaped setting to receive the best signal.
- 3 **6.3mm mixed output interface** — the audio output interface of A and B channels is mixed.
- 4 **XLR balance output interface** — to connect balanced audio equipment.
- 5 **Direct current socket** — power socket, connect to the randomly equipped power adapter.

Receiver operation

1. **the host channel adjustment with:** This host a total of five keys, SET the confirmation key, button up and down keys, press the up and down key can change the channel value, change good after press SET button to save.
 2. **Receiver volume adjustment:** When the receiver is unlocked, press the "VOL+" button to increase the volume, and press the "VOL-" button to decrease the volume. The commonly recommended value is 22 to 25. If it is locked, press this key useless.
 3. **Idle channel:** automatic search function in the complex environment, artificial channel takes time to choose no interference, the system is configured with automatic search no interference channel function, operation mode are as follows: press "SET" key for more than 2 seconds to loosen, the machine into the automatic search no interference channel function, when the host search to no interference channel, flashing display the current search to no interference channel, the open hand, handle the mi screen location on the host "IR" launch window, press the "SET" key once again and infrared frequency of operation. (or, when searching to a clean frequency point, press the SET key to confirm, and then you can match the frequency with your hand.)
 4. **host keypad Lock and unLock:** first close the host, and then hold down the host "UP" key (channel) boot, host plus/minus the Lock can be realized, after the Lock of the Lock, unLock the unLock. The rest of the key is locked except for the power switch.
 5. **built-in hidden debug mode:** host in shutdown state holding DOWN the key not to put it DOWN, into the digital pilot function menu, the menu is to choose the digital pilot on or off, and pilot algorithm. Enter the menu will be displayed after "ID ON or ID OFF", press the DOWN key to adjust the pilot ON or OFF, ID ON digital pilot is open, digital pilot ID OFF is closed. Then SET button to enter the digital pilot algorithm, 1-200 pilot algorithm is the default, 200-1 is backup pilot algorithm, algorithm will function is generally not used, the default Settings can be directly.
- Function descr:** ID OFF is a test mode, in this mode, the host can receive any team as long as the hands of its frequency, in emergency cases, the host can be used as a universal receiver. During normal use of the menu is not recommended to do change, in case the string of frequency. Of special note is the ID ON the state, the host can real-time display hand microphones battery, ID OFF state of the host does not show hand microphones battery, at the same time under the ID OFF state, intelligent mute function not enabled.
- Special statement:** because this system USES is each frequency point have their own independent encryption algorithm, therefore, the host can only and the last time the frequency of hand microphones to use, if appear, hand microphones and host showed the same frequency, but the host has no sound signal, at this time only need to shake or infrared frequency can be used normally at a time.

Receiver operation

6. **Maximum output volume restriction function:** In order to match the system with different gain, the maximum output volume restriction function is designed. Press the power ON/OFF button to turn off the power first, and then press the volume of the left and right sides "+" at the same time (that means press the three button at the same time when power on), the receiver will display "VOL 79," touch the button of volume plus or minus can change the data, press "SET" button 2 times for save and exit. The factory default setting is "79". The larger number means the higher output maximum volume, and the smaller number the smaller volume.
 7. **Automatic feedback suppression function:** The menu starts same as above 1, press the volume "+" of the left and right sides at the same time for power on, the first menu is the maximum output volume settings. Press the "SET" button and enter the automatic feedback suppression level adjustment, receiver will display "db 2", 0 means close automatically feedback suppression, the maximum level is 5, it is recommended to use the default settings, user can be adjusted according to the actual situation.
- Note:** this function only available when the two hand Microphone ters are working at the same time.

Microphone Operation

1. **Shake auto - to - frequency:** Hold down the power button phone boot not loosen gently shake microphone at the same time, the receiver will enter to frequency program automatically, at this point you can loosen the power button, the phone screen will be flashing hint of success, test after a voice phone can normal use. (WB-5000/WM-500)
2. **Intelligent mute function opens and closes:** Open hand, after the backlight goes out, hold down the power button not holding (note: don't let go, 2 seconds, will cause the mi normal shutdown (put the power button or not, after waiting for ten seconds hand microphones will be automatically switched on, and show 6 ry on (induction function open) or 6 ry off (induction function closed), loosen the power button, hand microphones into normal work mode. Opening and closing induction function are the same, just repeat operation. It is important to note that the power buttons on the hand are not released during the whole process.
3. **Infrared pair frequency:** Press the host SET key to enter the infrared to the frequency mode. In the specific operation mode, the handle is open, and the hand microphone screen is pointed at the host IR launch window. Click on the host SET key, and the hand will automatically synchronize to the frequency point SET by the host.
4. **HI/LO power switch:** In order to adapt to different application environments, The high and low power function can be adjusted. Switch 5 to "Hi" for high power and "Lo" for low power.