



DAEWOO

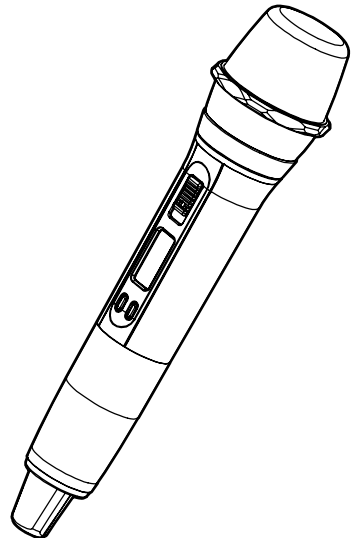
Operation manual

DWS-81

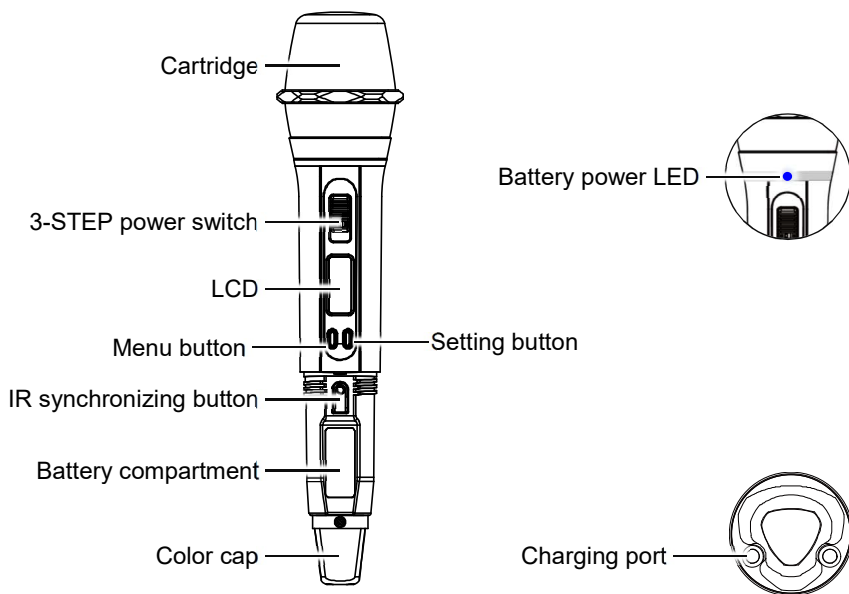
Rechargeable Handheld Microphone



9001:2015



Parts and functions



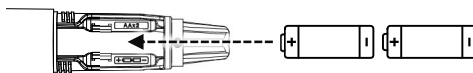
Battery installation & indicator



When the microphone is switched ON, the battery power LED will blink BLUE twice to denote the batteries are in good condition.



If the LED turns SOLID BLUE, it means the batteries are weak and require replacement.

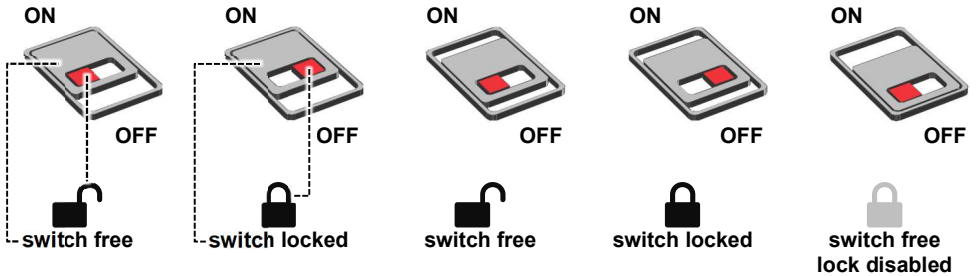
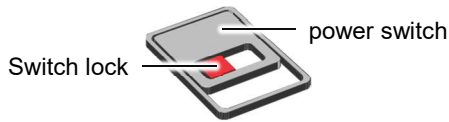


This microphone requires 2 x AA batteries to operate. To install, remove the battery cover and slide the batteries into the battery compartment & replace the battery cover.

Note: Batteries contain a corrosive acid that may leak and damage the microphone when stored for a long period. Batteries should be removed from the microphone before storing without use for more than 4 weeks.

3-STEP Power switch

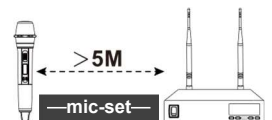
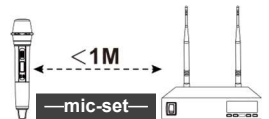
To prevent other user from turning off the power, you may slide this switch to the right to lock the microphone on stand-by or mute status. Slide to the left to unlock.



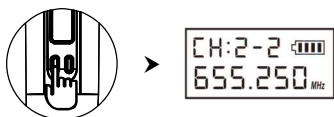
Group-channel setting

The system provides 10 default groups (1, 2, 3, ... 9, A) as recommended frequency settings for scenarios where multiple wireless microphones are used simultaneously.

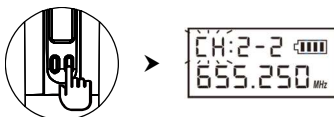
- **GROUP 1~5:** Each group contains approximately 7 non-interfering channels, which can be used simultaneously if the distance between the microphones and receivers in each set is less than 1 meter.
Example: mic-set 1 uses CH1-1, mic-set 2 uses CH1-2, mic-set 3 uses CH1-3, and so on.)
- **GROUP 6~A:** Each group contains approximately 15 non-interfering channels, which can be used simultaneously if the distance between the microphones and receivers in each set is greater than 5 meters.
Example: mic-set 1 uses CH6-1, mic-set 2 uses CH6-2, mic-set uses CH6-3, and so on.)



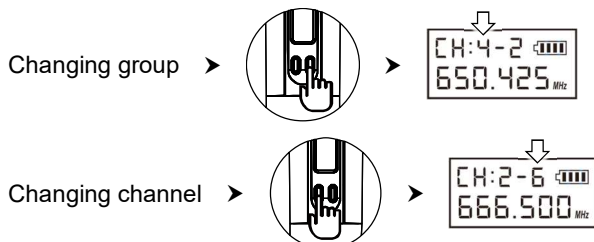
- 1** Use **MENU** button to go to the CHANNEL | FREQUENCY page.



- 2** Press and hold the **SET** button for 3 seconds, then the upper-left **CH** will flash to allow changes to be made.

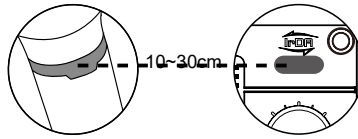


- 3** Press **SET** button to change the group number, **MENU** button to change the channel number. The corresponding frequency will change accordingly.



- 4** 3 seconds after selecting a channel, it will be automatically saved.

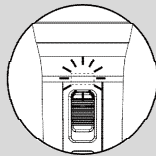
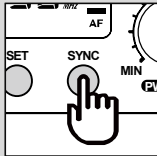
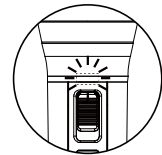
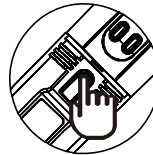
Channel synchronizing of the receiver and microphone



Align infrared areas of the receiver and microphone within 10~30cm.

Changing the receiver's channel

- 1** Press the synchronizing button of the microphone.
- 2** The microphone's LED will glow to denote transmitting the frequency to the receiver and synchronizing the channels.



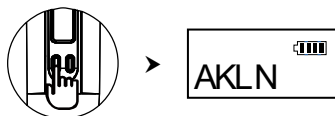
Changing the microphone's channel


- 1** Press the synchronizing button of the receiver and the receiver will transmit the frequency to the microphone and synchronize the channels
- 2** The microphone's LED will glow to denote its channel synchronized by the receiver.

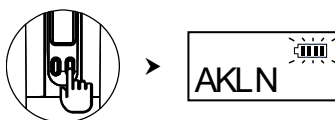
If it doesn't work check that you have the IR sensor panels aligned, that they are facing each other, devices are within 10~30cm of each other, and try again.

Battery type setting

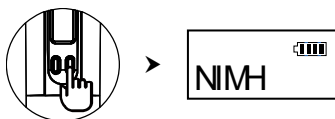
- 1** Use **MENU** button to go to the BATTERY TYPE page.



- 2** Press and hold **SET** button for 3 seconds, then the battery icon  will flash to allow changes to be made.



- 3** Press **SET** button to select either **NIMH** (rechargeable battery) or **AKLN** (alkaline battery).



- 4** 3 seconds after selecting a battery type, it will be automatically saved.

Important:

- To avoid dangers from overcharging, please turn off the microphone before charging
- Do not charge primary batteries such as zinc-carbon and alkaline batteries to avoid risks of leakage or dangers.
- Be sure to install the batteries by correct polarity to prevent device damages due to short circuit.
- Batteries of the same brand offer better quality consistency. Do not use batteries of different brands as possible.
- Do not mix new, old and different-brand batteries to prevent short circuit or malfunction.
- If the microphone will not be used for a long period of time, the batteries should be removed and kept dry to avoid leakage and damage to the device due to battery self-discharge.
- If the battery leaks, cracks or deforms, stop using and take it out immediately.

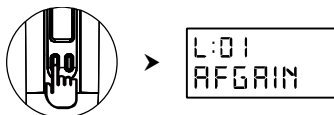
AF GAIN setting

Microphone GAIN	L: 01	L: 02 (default)	L: 03	L: 04
Sensitivity	lowest	low	high	highest
Dynamic range	highest	high	low	lowest
Noise & feedback	lowest	low	high	highest
Mic cartridge to mouth	< 3 cm	3 cm to 6 cm	6 cm to 9 cm	> 9 cm
Suggested applications	singing or talking when holding the microphone		Speech with microphone mounted on tripod stand	

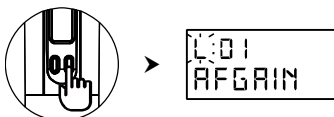
Important:

- The further the microphone cartridge is to the mouth, the higher sensitivity the cartridge requires to pick up the voice. The preset gain level is **02**.
- Higher sensitivity will lower the dynamic range of input signals, which may result in more noise and feedback problem.
- Above description is for reference only. Please set the sensitivity at a proper level when operating the microphone system.

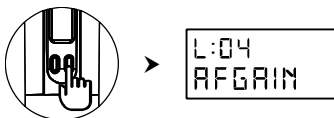
1 Use **MENU** button to go to the AF GAIN page.



2 Press and hold **SET** button for 3 seconds, the upper-left letter "L" will flash to allow changes to be made.



3 Press **SET / MENU** buttons to change the gain level between L:01 and L:04.



4 3 seconds after selecting a gain level, it will be automatically saved.