

MAGIC WIRELESS

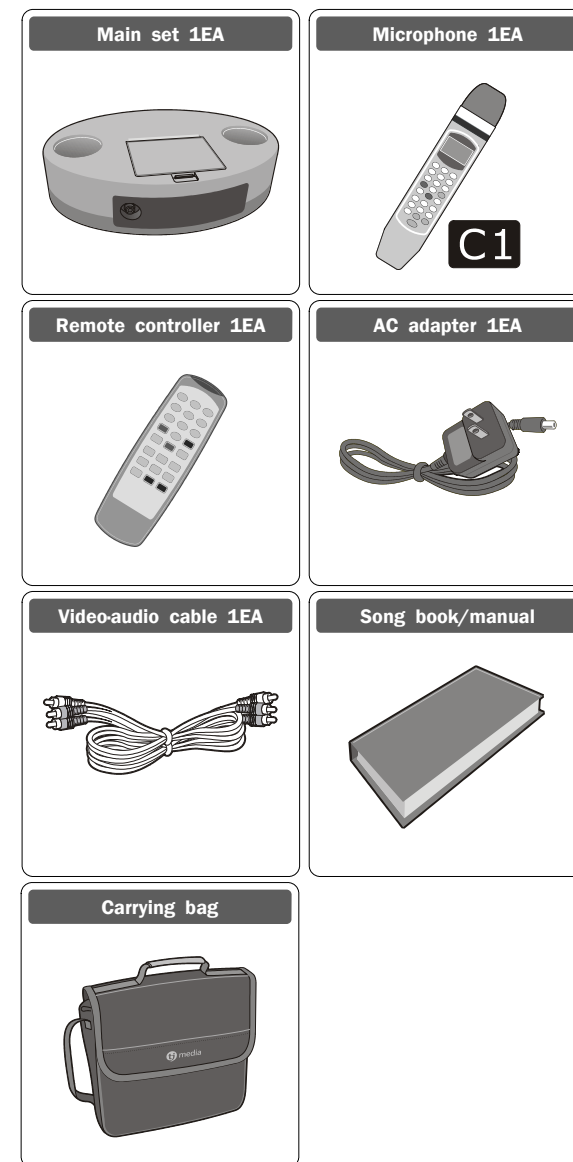
Wireless Microphone Karaoke Player Ji-200

- Thank you for purchasing Ji-200 of TJ media co., Ltd.
- Please read this manual thoroughly before use to enjoy full performance of Ji-200.
- Please make sure to read Safety Caution for safe use.
- After reading this, please keep this manual within reach so that you may refer to it any time you need.

Table of Content

Before use	
Verification of included elements	3
Features of wireless Microphone karaoke player	4
Safety caution	
Warning	5
Caution	6
Use / Maintenance / Cleaning	7
Names of parts	
Main set	8
Microphone	9
Remote controller	10
Connection	
Audio and video connection to TV	11
Separate connection of Audio 1 Amp.	12
Operation	
Power control of main unit	13
Microphone power / Microphone channel	14
Selecting / Playing / Booking(RSRV)	15
Recording	16
Music control	17
Tempo / Key(Tune) / Rhythm	18
Manipulation LOCK / Additional song CHIP	19
Others	
Checking and troubleshooting	20
Specifications	21

Before use -Verification of included elements



- This wireless Microphone karaoke player is designed to use 800MHz compatible with the wireless Microphone adapted to a certain low level of power.

- Wireless, thus very easy to move while singing.
- Its remote control is convenient to manipulate the set such as song booking while others are singing.
- It produces high quality sound almost like live music.
- Its installation is simple and it is easily portable.
- External image can be connected.
- Booking possible up to 100 songs!
- A song can be recorded up to 5 minutes and the set plays back the recorded song.
- You can adjust volume, tempo and key(tune) of the melody during playback.
- Saving Mode - In case of doing not use this product for 30minutes, automatically power turns off.

FCC INFORMATION

Warning: Modifying, tampering and/or adjusting this or replacement of any transmitter component (crystal, semiconductor, etc.) in this unit could result in a violation of the rules. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC NOTICE

This wireless microphone system complies with Part 74 of FCC Rules. There are four frequencies available for the system. You must get a license for each frequency you plan to use before you use the system (one license can include four frequencies).

Visit <http://wireless.fcc.gov/uls/> to access the license online or phone the nearest FCC offices and contact them to get the necessary application. Licensing depends on how you will use the system

RF EXPOSURE

This wireless microphone contains a low power transmitter. When the power is on, it sends out radio frequency (RF) signals. In August 1966, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for wireless devices.

IMPORTANT NOTE: To adhere to the FCC RF exposure compliance requirements, no change to the antenna or the unit is permitted. Any change to the antenna or the unit could result in the system exceeding the RF exposure requirements.

Current manual and product use different pictures in order to keep safe insure and to avoid physical or material damage of user and other people.

Please make sure read following contents carefully and fully understand the picture.

Safety section is divided into **Warning** and **Caution** and their meanings are as follows.

- ⚠ The signal is to call the attention of operations or matters that may cause a danger.
- ⚠ Warning: Violating safety instructions can cause serious injury or death.
- ⚠ Caution: Violating safety instructions can cause slight wound or damage the appliance.

⚠ Warning

■ Unplug power cord as soon as you notice an abnormality or trouble.

In presence of smoke or strange smell / when the set is dropped or is damaged / when the water or other substance entered inside of the set

■ Do not place the product on an unstable surface.

■ Do not put any object containing water such as vase, near the microphone.

It can cause fire or electric shock.

■ Do not touch AC adapter during thunder(lightning) to avoid electric shock.

■ Be careful not to damage the cord.

Do not place any heavy objects on the cord or puncture cord with sharp objects like a needle. If the cord is under a carpet or a rug, you should be careful not to put anything heavy on the cord.

■ Use the set carefully.

Do not damage the cord's coated cover. Do not cut, bend, twist, pull or heat the cord. It can cause fire or electric shock.

■ Never open the cabinet of the main set.

It may cause electric shock. Ask your shop for internal control, adjustment or repair.

■ Do not keep the product near flammable substance, under direct sun's ray or in a wet and dusty place.

It can cause fire or electric shock.

■ When moving the product, unplug the power cord.

If you move it while it is cord plugged, the cord can be damaged and cause fire or electric shock.

⚠ Caution

- Do not put anything heavy on the set.
- Do not expose the product to direct sun's ray or high humidity.
- When connecting the main set to TV or Audio device, minimize the volume of TV or Amp before plugging in power cord.
Sudden loud sound may cause hearing trouble to your ears.
- Unplug AC adapter when cleansing the product.
- When you will not use the product for a long time during your trip, unplug AC adapter.
It can cause fire.
- When putting the battery in, check the poles (+/-).
Incorrect installation may cause fire, catastrophe or environmental pollution due to battery damage or leakage.
- Do not use unrecommended battery or mix new and old batteries.
It may cause fire, catastrophe or environmental pollution due to battery damage or leakage.
- When connecting to TV or Audio device, unplug the AC adapter of main set.
If you connect with the power on, it can cause electric shock or catastrophe.
- Do not use the product with the song broken.
It may heat the speaker causing fire.
- Plug AC adapter in correctly.
Otherwise, its heating or dust may cause fire.
The contact with a knife or other sharp object may cause electric shock.
If AC adapter cannot be plugged in tightly, request the outlet change to your shop or electric company without plugging the AC adapter into the outlet.
- Do not unplug AC adapter with your hands wet.
It may cause electric shock. Do not modify or damage power cord.

About the place of installation and usage

- Do not keep the product near an object producing strong electric wave such as mobile phone or transformer. Due to the electric wave, the product may not work.
- If you keep the product near the TV, this may give bad effect to the quality of its image or sound. In this case, keep a certain distance from the TV.
- Long and constant absence of use may deteriorate the product's function. Turn it on and make it work from time to time.

Use of microphone

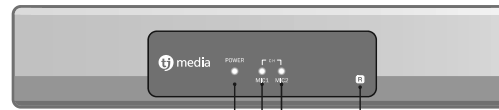
- Grasp the middle of wireless microphone for use.
- This Microphone has its transmitting antenna in the lower part. If you cover this part with your hand, you may interfere with the electric waves.
- Set the volume to a level with clean sound and avoid using it in front of the speaker.
- Do not put Microphone on Microphone stand in case of power on because of noise.

Maintenance and cleaning of the device

- Do not clean the plastic part with alcohol/benzene/thinner for it may damage paints.
- When cleaning the product, use a soft cloth. If it is very dirty, use the cloth soaked in the water with diluted neutral detergent before using dry cloth.
- When using the cloth with chemical substance, follow the instructions carefully.
- Do not put flammable substances such as insecticide. If you use the set giving it a long contact with rubber or vinyl product, it may damage paints.
- When cleaning the set, unplug the AC adapter.

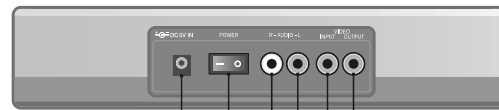
Main set

Front



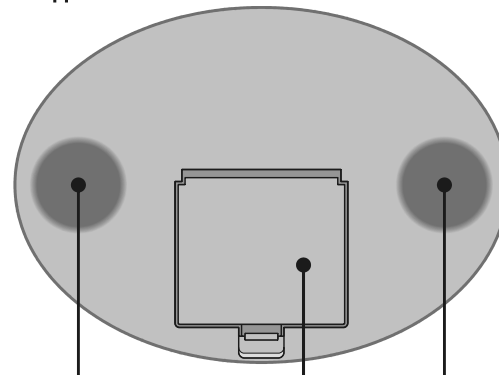
Microphone1 Indicator Lamp
Microphone2 Indicator Lamp
Microphone remote controller Receiver
Power Indicator Lamp

Back



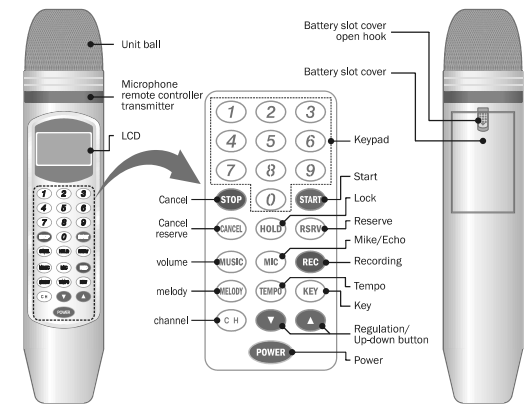
Ac adapter Input
Power Switch
Audio output (L/R)
Video Input
Video Output

Upper side



Microphone stand
Additional song CHIP slot
Microphone stand

Microphone main unit



Unit ball
Microphone remote controller transmitter
LCD
Keypad
Start
Lock
Reserve
Mike/Echo
Recording
Tempo
Key
Regulation/Up-down button
Power
Battery slot cover
open hook
Battery slot cover

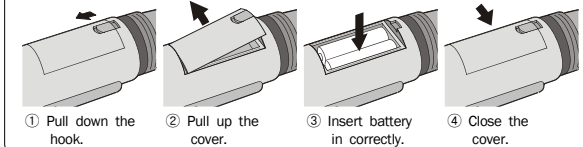
Keep following instructions to avoid electric discharge or damage of battery.

When inputting the battery in the Microphone. check its poles (+/-). Make sure to use the battery of (AA) size. When changing the batteries, make sure to change both of them. When you don't use the Microphone for a long time, keep the battery out of Microphone.

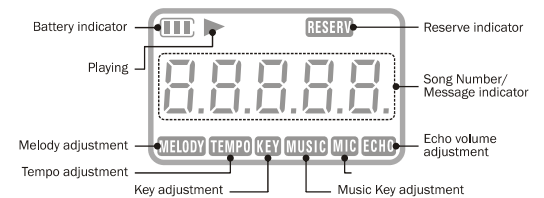
When to change the battery

If the microphone does not work even within short distance from the set, the battery is going dead. You should change the batteries.

How to change the battery



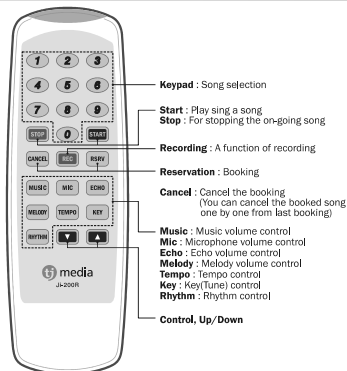
Microphone display indication



Battery indicator
Playing
Melody adjustment
Tempo adjustment
Key adjustment
Song Number/Message indicator
Reserve indicator
Echo volume adjustment
Music Key adjustment

Names of parts -Remote controller

Remote controller



- 1 Keypad : Song selection
- 2 Start : Play sing a song.
Stop : For stopping the on-going song
- 3 Recording : A function of recording
- 4 Reservation : Booking
- 5 Cancel : Cancel the booking
(You can cancel the booked song one by one from last booking)
- 6 Music : Music volume control
Mie : Microphone volume control
Echo : Echo volume control
Melody : Melody volume control
Tempo : Tempo control
Key : Key(Tune) control
Rhythm : Rhythm control
- 7 Control, Up/Down

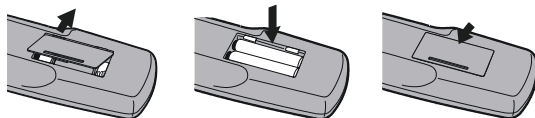
Keep following instructions to avoid electric discharge or damage of battery.

- When inputting the battery in the Microphone, check its poles (+/-).
- Make sure to use the batteries for remote controller of (AAA) size.
- When changing the batteries, make sure to change both of them.
- When you don't use the Microphone for a long time, keep the battery out of Microphone.

When to change the battery

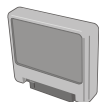
- If the Microphone work in a shorter distance from the set, the battery is going dead. You should change the batteries.

How to change the battery



- ① Pressing the groove, pull up the cover.
- ② Insert the battery correctly.
- ③ Close the cover.

Option

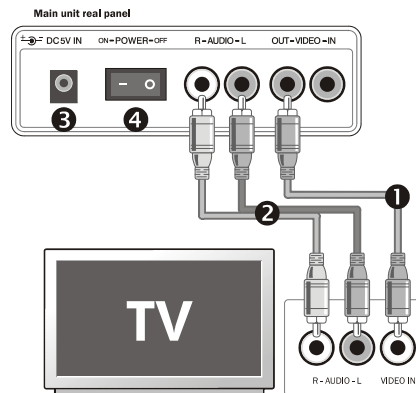


Additional Chip



Microphone C2

Connection -Audio and video connection to TV



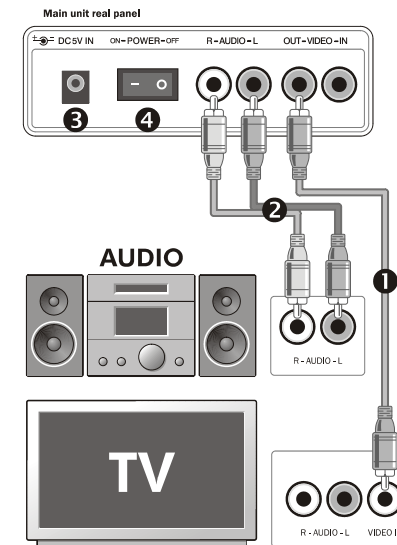
- ① Connect **video output(yellow)** of Ji-200 main unit and **video input (yellow)** of TV with **yellow cable** among video audio cables.
- ② Connect **audio output(left-white/right-red)** of Ji-200 main unit and **audio input(left-white/right-red)** of TV with **white/red audio cable**.
- ③ Connect AC adapter jack to adapter connection terminal of rear panel of main unit and plug AC adapter in.
- ④ Turn on the switch of rear panel of main unit. Check the red lamp of front panel is ON.
- ⑤ Change the TV input mode into the mode of connected video input terminal.

Refer to the TV user's manual for the detailed explanation on TV input mode and external device connection.



- ⑥ Select a song after you get Ji-200 initial image in TV screen. You will see letters appearing.

Connection -Separate connection of Audio-Amp.

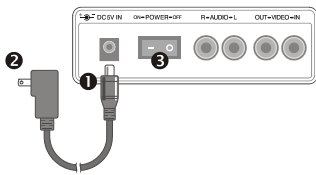



- ① Connect **video output(yellow)** of Ji-200 main unit and **video input (yellow)** of TV with **yellow cable** among video audio cables.
- ② Connect **audio output(left-white/right-red)** of Ji-200 main unit and **audio input(left-white/right-red)** of audio or amp. with **white/red audio cable**.
- ③ Connect AC adapter jack to adapter connection terminal of rear panel of main unit and plug AC adapter in.
- ④ Turn on the switch of rear panel of main unit. Check the red lamp of front panel is ON.
- ⑤ Change TV input mode into the mode of connected video input terminal, and change audio or amp. input mode into external input(or AUX).

Refer to the TV user's manual for the detailed explanation on TV, audio and amp. input mode and external device connection.

Operation - Power control of main unit

Turn on the main unit



- 1 To turn on the main unit, connect AC adapter jack to AC adapter connection terminal on the rear panel of main unit.
- 2 Plug in the AC adapter.
- 3 Press the power switch on the rear panel.
- 4  Check if the lamp on the front panel is ON in red.
- 5 Check the product's initial image comes out on TV screen.

- If you don't get image or sound, check the connection of TV, amp. or audio.
- Check if the external input mode of TV, amp. or audio is correctly set and refer to the user's manual for setting external input.



Turn off the main unit


- 1 Switch off the button on the rear panel of main unit.
- 2 Unplug AC adapter.
- 3 Disconnect the AC adapter jack.

- Before turning off the main unit, switch off the Microphone first.
(To refer to the 14 page, Turn off the Microphone)



Operation - Microphone power / Microphone channel

Turn on the microphone

 Take the Microphone toward the receiver of main unit and press Microphone  button. Microphone is ON with **HELLO** message on the Microphone LCD window.

Do not press Microphone 1 and 2  button same time ! Because main unit or Microphone may not work due to frequency.


Turn off the microphone



 Take the Microphone toward to receiver of main unit and press Microphone  button for 3 seconds. Microphone turns off with **OFF** message on LCD window.

Microphone channel set

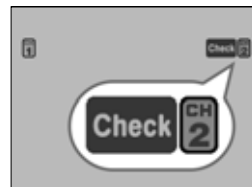
Ji-200 Microphone has a total of 4 channels. If you don't get clean sound, you can change the channel to optimize the sound.

- 1 Press the  button on the Microphone.

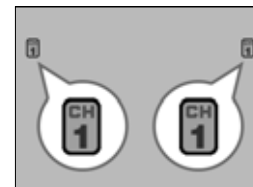
 Relevant channel is indicated on the Microphone LCD window and screen.
Microphone LCD indication

- 2 If you press  button again and again, you can get CH1~CH4 one by one.
- 3 By pressing  button, choose a channel with best sound.

When using Microphone  , Microphone  both, set them in the same channel.



Microphone channel is incorrect.
(Gray channel image and check image comes up.)






Microphone channel is correct.
(Green channel image comes up.)


Operation - Selecting / Playing / Booking

Basic play



- 1 Find the number of the song to sing and insert it with number button (~) of Microphone or remote controller.
- 2 Press  button and sing.
- 3 Once you finish singing, you will get your score.




Stop during playback

- 1 When stopping the on-going song, press  button.
- 2 The song stops and you will see the score of the song done.



Booking

Before singing or during playback, you can book you song to sing up to 100 songs.



- 1 Find the number of the song to book and insert it with number button (~) of Microphone or remote controller.
- 2 Check the title on the top of the screen and press  button.
- 3 You will see the message **Booking is Done** on the screen.
- 4 Your booked song is seen in the waiting list and if two or more songs are booked, you will see their numbers.

Cancel the booking(RSRV)

- 1 Whenever you press  button, you can cancel the booked songs one by one from the last booking.
- 2 If you insert booked song number and press  button, you can cancel the song.

Ji-200 has a function of recording and you can listen to the song you recorded.

Recording



1 You can have recording menu screen by pressing Record button.

2 With **[DOWN]** **[UP]** buttons, select **Record**.



3 When recording preparation screen comes up, select a song and press **[START]** button.

4 Recording starts with playback and Rec message appears on the screen.

5 Recording stops automatically when the song is over and you will have recording main screen again.

- If you press **[STOP]** button during recording, recording and playback stops and the recording already done is saved.
- If you record something you were recording just before, the one before is removed.
- If you turn off the main unit, the recorded song is removed.
- Available recording time for 5 minutes.

Playing the recording



Recording main screen

1 By pressing Record button, you will have recording menu screen.

2 Select Play with **[DOWN]** **[UP]** buttons and press **[START]** button.



Playback of recording

3 Recorded song is played with sound.

If you select Playback when you don't have any recording, you will get a message of **Could not find a recorded sing** and playback doesn't work.

Background music volume control



1 **[MUSIC]** button gives you background music volume indication comes up on the screen.



Microphone LCD indication

2 **[DOWN]** button diminishes volume and **[UP]** button increases it.

Microphone / Echo volume control



1 With **[MICROPHONE]** button, you will have Microphone volume indication comes up.



2 By pressing **[ECHO]** button once more, echo volume indication comes up.

At each time you press **[ECHO]** button, Microphone volume and echo volume comes up in turns.



3 After selecting the one to modify in the screen, you can reduce the volume with **[DOWN]** button and increase it with **[UP]** button.

Melody volume control



1 By pressing **[MELODY]** button, you will have melody volume indication on the screen.



Microphone LCD indication

2 If you press **[DOWN]** button, volume decreases and with **[UP]** button, it increases.

You can adjust melody volume only during the playback.

Tempo control



1 You can adjust the speed of the song. By pressing **[TEMPO]**, you can have tempo indication on the screen.

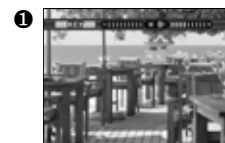


Microphone LCD indication

2 With **[DOWN]** button, you can slow down the music and with **[UP]** button, tempo becomes faster.

Tempo control works only during the playback.

Key(Tune) control



1 You can adjust the key according to the singer's tune. By pressing **[KEY]** button, key indication appears in the screen.



Microphone LCD indication

2 **[DOWN]** button slows down the tempo and **[UP]** button makes the music faster.

Key control works only during the playback.

Rhythm change on the remote controller



1 It changes the background music in different styles of rhythms. By pressing **[RHYTHM]** button on the remote controller given at the moment of purchase, rhythm change indication appears in the screen.

2 At each time you press **[DOWN]** **[UP]** buttons, rhythm changes in the following order.



- Rhythm change works only during the playback and once the on-going song is over, next song will be in its original rhythm.
- Rhythm change can be done by the remote controller included.

In case of POP song, it is only available!

Manipulation LOCK

This function locks the Microphone buttons.

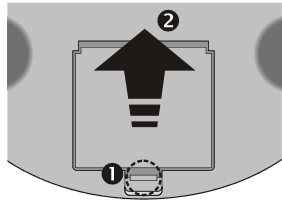
① If you press **HOLD** button for 1 second, Microphone buttons are locked.

② When they are locked, if you press **HOLD** button for 1 second, this function is released.

At each time you press **HOLD** button for 1 second, lock and unlock states take turns.

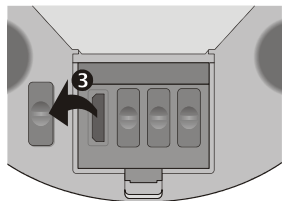
Additional song CHIP installation

Additional songs besides the included songs in the Microphone are offered through additional song CHIP.



① After turning off the main unit, push forward the fixing device of the slot cover of additional song CHIP.

② Open the additional song CHIP slot cover.



③ Take out the rubber covers as many as the chips to insert.

You can insert the chips in any empty hole regardless of the order.

④ Insert the additional song chip in correct way in the empty slot.

- If you take the chip in wrong direction, it cannot be inserted.
- Make sure to turn off the main unit before inserting the chip.
- For the chip purchase information, contact your purchase shop.

You can neither turn on the product nor have image and sound.

- ▶ Check if TV, Ji-200 main unit and Microphone are on.
- ▶ Check if TV video input conversion button is set according to the connected input terminal.
- ▶ Is AC adapter is connected correctly to the outlet and the main unit?
- ▶ Aren't batteries inserted incorrectly or dead?

You have the image but not the sound.

- ▶ Check if a headphone is not connected to the TV or audio. If so, take off the headphone jack.
- ▶ Try to increase the volume of TV and Microphone.
- ▶ If you don't get the sound from other equipment such as audio device, check the audio connection.
- ▶ Check whether microphone **C1** and Microphone **C2** are equal.

You don't see the image.

- ▶ Check the TV' s video input terminal connection.
- ▶ Check if the TV video input is set according to the input terminal connected to the TV.

Microphone volume is low.

- ▶ Press the volume button and adjust it with **▼▲** buttons.
- ▶ Press the Microphone button once and adjust Microphone volume with **▼▲** buttons.
- ▶ During Microphone volume adjustment, press Microphone button once more to set echo control and adjust echo with **▼▲** buttons.
- ▶ Check whether microphone **C1** and Microphone **C2** are equal.

Booking>Selecting songs doesn't work.

- ▶ Didn't you book more than 100 songs?
- ▶ Check the song number and try again.

The sound is not smooth and cut.

- ▶ Its reason may be one of the followings. Refer to the below instructions in case of trouble during installation-use.

Wireless Microphone	① Bad battery : Change the battery into new ones. ② Trouble in Microphone : If you don't have HELLO message in the LCD window when turning it on, contact service center or nearby shop.
Main unit (Base)	① Trouble in main unit : If POWER LED is not on after you plug adapter in, contact service center or nearby shop.
Entanglement	① Entanglement can happen due to the bothering of nearby channel frequency. In this case, change the channel into the one without entanglement. (With CH button, you can change it between CH1and CH4.)

Microphone specifications

Power	DC +3V		
Operating temperature range(°C)	0°C~50°C		
Battery	Standard	Standard 2 AA type	
	Durability	10 hours (based on Alkaline)	
Weight (g)	148 (Without Battery)		
Dimension(W×D×H, mm)	44×44×210		
Microphone type	DYNAMIC Microphone type		
Electric wave type	F3E		
Transmitting frequency	Mic1	CH1	802.875MHz
		CH2	803.125MHz
		CH3	803.375MHz
		CH4	803.625MHz
	Mic2	CH1	804.875MHz
		CH2	805.125MHz
		CH3	805.375MHz
		CH4	805.625MHz
Antenna power	50Ω Electricity under 10mW		
Valid range of wireless operation	More than 10M in an open space		

Main SET specifications

Power : AC Adapter	Input	AC100~240V, 50~60Hz
	output	DC +5V, 1A
Power consumption (mW)	500	
Weight (g)	468	
Dimension (W×D×H, mm)	236×170×51	
Audio output level	2.54 Vrms	
Audio Frequency output range	20Hz ~ 20KHz	
Video input	75Ω, 1 Vp-p	
Video output	75Ω, 1 Vp-p	

These specifications and product exterior form may be changes without notice for quality improvement.