



Trade Name : TJ media  
Model : MIC KARAOKE(TKR-373MP PLUS)  
Address : 8F, SangAm IT Tower, 434, World Cup buk-ro,  
Mapo-gu, Seoul, 03922, Korea  
Telephone : +82-2-3663-4700

### **For customers in the USA FCC Notice**

**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.

**Caution:**

You are cautioned that any changes or modifications not  
expressly approved in this manual could void your authority to  
operate this equipment.

**Note:**

This equipment has been tested and found to comply with  
the limits for a Class B digital device, pursuant to part 15 of the  
FCC Rules. These limits are designed to provide reasonable  
protection against harmful interference in a residential installation.  
This equipment generates, uses and can radiate radio frequency  
energy and, if not installed and used in accordance with the  
instructions, may cause harmful interference to radio  
communications. However, there is no guarantee that interference  
will not occur in a particular installation. If this equipment does  
cause harmful interference to radio or television reception,  
which can be determined by turning the equipment off and on,  
the user is encouraged to try to correct the interference by one or  
more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from  
that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for  
help.

**IMPORTANT NOTE :** To comply with the FCC RF  
exposure compliance requirements, no change to the antenna  
or the device is permitted. Any change to the antenna or the  
device could result in the device exceeding the RF exposure  
requirements and void user's authority to operate this device.



## PACKING GUIDE

### Top View



1. Main Unit(Player)
2. Wireless Microphone x 2
3. Remote Control
4. Song List, Manual & Quick Guide
5. Auto-Volt Power Adapter
6. Audio/Video Cable(RCA cable)
7. HDMI Cable
8. 4 x AA Batteries for Wireless Microphones
9. 2 x AAA Batteries for Remote Control
10. MIC Cover
11. Carrying Bag
12. USB Wi-Fi Adapter



## BASIC FUNCTIONS

### SONG SELECTION & PLAYBACK

METHOD 1. By entering song number directly.

- Key in the song number using the alphanumeric keypad, then press .

METHOD 2. By searching the song.

- (1) To Open the Song List : Press .
- (2) Input the Title or Artist by typing on the alphanumeric keypad.
- (3) To Sort by Title, Artist : Press .
- (4) To Select : Press the Arrow keys, then press .

### STOP

To stop a song while playing, press .

### PAUSE

- 1. To pause a song while playing, press .
- 2. To continue, press .

### RESERVATION

Select a song, then press .

### CANCEL THE RESERVED SONG

Press Reserved song number, then press .




## BASIC FUNCTIONS

### VOLUME(MUSIC, MIC, ECHO)

1. Volume : Press .
2. Type selection(MUSIC, MIC, ECHO) : .
3. Adjustment : , .

### KEY, TEMPO, MELODY, BGV, VOCAL

1. Adjustment : Press .
2. Type selection(KEY, TEMPO, MELODY, BGV, VOCAL) : .
- \* VOCAL : Multiplex Only
3. Adjustment : , .




## SECONDARY FUNCTIONS

### SKIP

METHOD 1. Prelude/Interlude skip.

Press  (While playing), .




METHOD 2. Rewind a tune, Forward a tune.

Press  (While playing), , .

METHOD 3. Verse skip.

Press  (While playing), .

### FAVORITE SONGS


1. To Add: Select a song, press .
2. To Remove: Select a song that has been added, press .
3. To Search: Press , then select "FAVORITE".




## SECONDARY FUNCTIONS


### RECORDING


You can record a song in 5 ways :

METHOD 1. , Select "REC", Select "Recording Song",

Select a song, press .

METHOD 2. , Select "Recording Song", Select a song, press .

METHOD 3. Open the Song List, Select a song, press .

METHOD 4. While playing music, press  :


Record the playing song.

METHOD 5. Key in the song number using the alphanumeric keypad,

then press .


### SEARCHING RECORDED SONGS

You can record a song in 2 ways :


METHOD 1. , Select "REC", Select "Listen/Download".


METHOD 2. , Select "Listen/Download".

### SONG REPEAT

Press , Select "REPEAT".

### PERFECT PITCH FUNCTION

METHOD 1. Press .

METHOD 2. Press , Select "PERFECT PITCH".



## CHANNEL SETTINGS

TKR-373MP has sixteen(16) available channels.

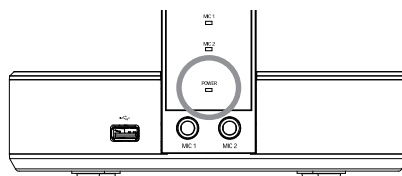
(MIC1 Ch 1~Ch 8, MIC2 Ch 1~Ch 8)

Please take note that microphones and main player should be on the same channel.

In case of channel interference (either one or two of the microphones cannot be detected by the main player), please follow the step by step instructions below for re-channeling.

**[STEP 1]** Change the channel on the main unit by using the remote control.

1) Turn on the main unit. Make sure no song is playing.



2) Go to channel select menu:

Press **MENU** button +

choose "Config" → "System" → "MIC Channel Setup" + **SEL** button.



3) Select one channel number from 1 to 8 and press that specific number on the remote.



4) Press **S** button.








5) Press [Power off] → [Power on] to save.










## CHANNEL SETTINGS

**[STEP 2] Set the channel of the two microphones using the microphone's keypad.**

**For the first(1st) microphone:**

- 1) Turn on the microphone by pressing the  button.
- 2) Press  →  →  →  button in order.  
The microphone LED will be turned on and off twice.
- 3) Press the same channel number that you set in the main player.  
The microphone LED will be turned on and off twice.
- 4) Press  button. Microphone LED will be turned on and off twice.
- 5) Press  button to save. →  
Microphone LED will be turned on and off 6 times.

**For the second (2nd) microphone:**

- 1) Turn on the microphone by pressing the  button.
  - 2) Press  →  →  →  button in order.  
Microphone LED will be turned on and off twice.
  - 3) On the alphanumeric keypad, press the same channel number that you have set in the main player. The microphone LED will be turned on and off twice.
  - 4) Press  button. Microphone LED will be turned on and off twice.
  - 5) Press  button to save. →  
Microphone LED will be turned on and off 6 times.
- Check if both microphones are now working.  
If not, try again. Contact our Customer Service for other concerns.



## **Introduction**

Thank you for purchasing the TJ Karaoke The Aria Premium(TKR-373MP).



- The TJ Karaoke The Aria Premium is the first portable videoke system equipped with the highly-advanced Perfect Pitch scoring system. Experience professional-grade scoring in real-time while singing, rating your key/rhythm, vibrato, upband, and downband.
- The TJ Karaoke features a smartphone/tablet companion app called the GV Smart App for Android and iPhone/iPad. The app features special functions such as Direct Song Download, GV™ Smart Card Authentication System, One-Touch Pairing, Voice Command+, Remote Control, Screenshots Sharing, and Live Messaging.
- The TJ Karaoke is pre-loaded with various kinds of Full HD 1080p Background Videos (BGVs) including WOW Philippines, World Tour, 3D Anime Dance, Motion, K-Pop M/V, K-Drama, and OPM MTVs.
- The TJ Karaoke is equipped with a built-in 32GB flash internal storage for storing Direct Song Download (song pack) volumes purchased via the GV™ Smart App. Add thousands of songs to your main unit without the hassle of purchasing and using physical song packs. The internal storage can also be used to store photos and music files for viewing and playback.
- The TJ Karaoke features HD+ Sound powered by Dream® Sound Module. With 414 instruments, 16-bit PCM, and 48 kHz sampling rate, experience audio performance that is better than CD-quality.
- The TJ Karaoke can play five (5) types of music content – all of which were remastered for even better sound quality compared to previous TJ Karaoke models.
  - **3D RealSound** is the enhanced version of TJ Media's exclusive MP3-based format for karaoke use with orchestral accompaniment, real instruments, and backup singers.
  - **MIDI (Musical Instrument Digital Interface)** is music produced through a synthesizer to generate all the sounds of all instruments for a specific song.
  - **Multiplex** is music with full-length backup vocals that can be turned on or off.
  - **Chorus** is music with backup vocals overlayed on MIDI music.
  - **MTV** is original music video with original singer's voice and music.
- The TJ Karaoke features multimedia playback capability that supports most popular media formats including advanced HD formats such as H.265. Media files such as movies, music, and photos can be played back from USB flash drives and hard drives of up to 1TB (full compatibility may depend on storage media brand and model).















### How To Use The Keys

The keypad of the TJ Karaoke is an alphanumeric keypad similar to a cell phone. You can key-in letters into the screen when searching for songs.









The  in the TJ Karaoke Microphone is used to power on the Microphone, while the  on the TJ Karaoke is used to turn the TJ Karaoke on and off.

Button/Key	Play	Standby	Search Mode
	Skip	"0"	"SPACE" → "0"
	Move to Music, MIC, Echo Volume	Move to Music, MIC Volume	Sort(Title, Artist)
	Move to Key, Tempo, Melody Levels, BGV, VOCAL ON/OFF (Only for Multiplex)	BGV	
	Menu	Menu	Adds the highlighted song to favorites list
	Record the playing song	Record Menu	Record the song
		Run Perfect Pitch	Run Perfect Pitch

### Icons and Symbols

-  : When reserved song is repeated, the icon is indicated in the screen.
-  : When all songs are repeated, the icon is indicated in the screen.
-  : When mic is on, the battery power is indicated in the screen.
-  : When multiplex is played, the vocal status is indicated in the screen.

### Icon the song list, the icon indicates as following.

-  Realsound song : Song with orchestral accompaniment, real instruments and back-up vocals.
-  MTV song : Original music videos.
-  Chorus song : Song with back-up singers.
-  Multiplex song : Song with full-length vocals.
-  Duet song : Song for two singers.
-  Favorite song : User-selected song tagged as favorite.
-  : Realsound + Duet.
-  : MTV + Duet.
-  : Chorus + Duet.
-  : Multiplex + Duet.



### **How to take care of your TJ Karaoke**

1. Do not attempt to open the TJ Karaoke. This will void the warranty.
2. Use only the power adapter included with your TJ Karaoke.  
Using other power adapters could cause serious damage to the product and there by void its warranty.
3. Do not cover the product or any of its accessories while the TJ Karaoke is turned on. Always allow air to move freely around the TJ Karaoke and the microphones in order to prevent overheating.
4. Avoid bending or twisting the cord.
5. Do not place heavy or sharp objects on top of the cables to prevent punctures or cuts.
6. Do not put the product near an object containing water (such as a vase) to avoid damage or electric shock. In case water or any liquid substance enters the product, immediately unplug the power adapter, then bring your TJ Karaoke to the nearest dealer or service center to check for damage and for repair, if necessary.
7. Do not place the product on an unstable surface, near flammable substances, under direct sun light, or in a wet and dusty place.
8. In order to prevent malfunctions, do not place the product near devices that generate strong electric and magnetic fields such as transformers, mobile phones, back portion of TV's, etc.
9. Make all the necessary connections before powering up the TJ Karaoke.
10. Make sure to place the batteries of the remote control in the correct polarity to prevent possible damage to the remote control.

### **Maintenance & Cleaning of your TJ Karaoke**

1. During thunderstorms, do not use the product and unplug the power adapter from the wall socket.
2. If you will not use the product for a long time, unplug the power adapter.
3. Do not use strong solvents (such as alcohol/benzene/thinner) to clean the product. This could damage the product's paint work; use only cloth dampened with water and mild detergent.
4. Before cleaning or moving the device, unplug the power adapter and all cables.



### **Package Contents**

Your TJ Karaoke is packaged with following items:

Main Unit(PLAYER) & Wireless Microphone x 2



Carry Bag



Quick Guide



Song List & Manual



Mic Cover



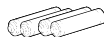
Remote Control



2xAAA Batteries



4xAA Batteries



USB Wi-Fi Adapter



HDMI Cable



RCA Cable

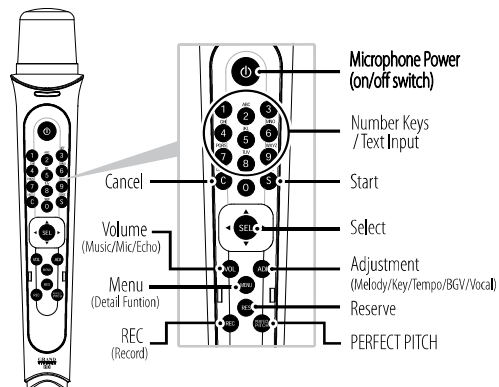
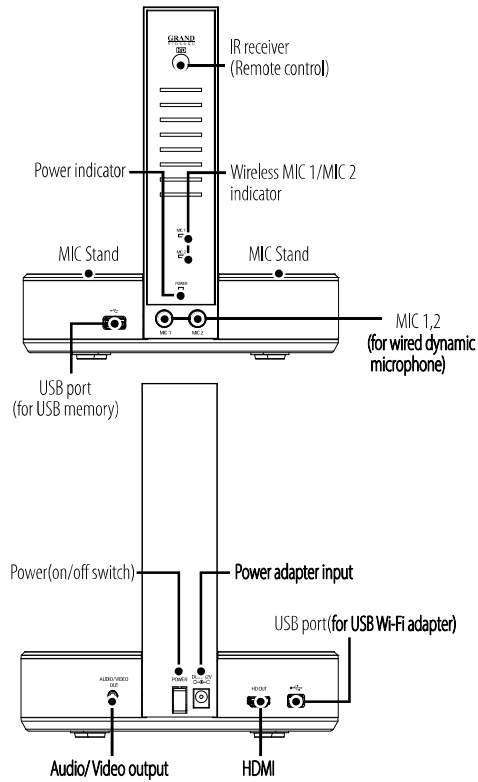


Auto-Volt Power Adapter



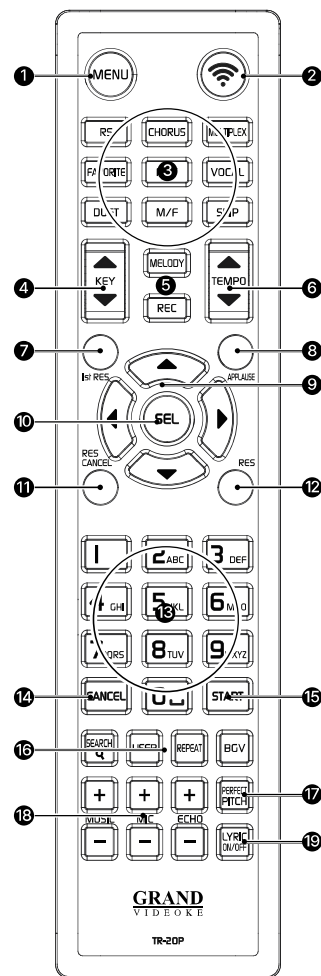


## Product Overview (Main Unit & Microphone)





## Product Overview (Remote Control)





### Product Overview (Remote Control)

NO	FUNCTION	SUBSTANCES
1	MENU	Display menu window.
2		Open Wi-Fi network set-up menu.
3	RS	Display the list of RealSound songs.
	CHORUS	Display the list of Chorus songs.
	MULTIPLEX	Display the list of Multiplex songs.
	FAVORITE	Display the list of Favorite songs.
	MTV	Display the list of MTV songs.
	VOCAL	Vocal assist AUTO/ON/OFF for Multiplex songs.
	DUET	Display the list of Duet songs.
	M/F	Change song key to male or female voice.
	SKIP	Jump to a prelude/interlude, a tune, or a verse of a playing song.
4	KEY ▲, ▼	Stepped song key control between male and female voices.
5	MELODY	Select the volume of melody on the playing song. (None - Low - Middle - High)
	REC	Display recorded song list; start recording song.
6	TEMPO ▲, ▼	Control the speed of playing song.
7	1st RES	Activate first reservation.
8	APPLAUSE	Activate applause sound effect.
9	▲, ▼, ◀, ▶	Move up, down, left, right in the list or display function.
10	SEL	Select. View lyrics(on song list window).
11	RES CANCEL	Cancel reserved song.
12	RES	Reserve a song on song list window; Display Reserved Song List.
13	0~9/A~Z	Number/Text.
14	CANCEL	Cancel.
15	START	Play, Pause.
16	SEARCH	Song search by Title or Artist.
	USER	Open user videos, music and photo files (multimedia player mode).
	REPEAT	Normal → Continuous → All song repeat.
	BGV	Select background video type.
17	PERFECT PITCH	Run PERFECT PITCH.
18	MUSIC/MIC/ECHO	Control the volume of music, echo and microphone.
19	LYRIC ON/OFF	Turn lyrics display on or off.



#### **Product Overview (Remote Control)**

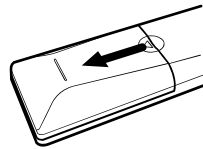
##### **To avoid electric discharge or damage of battery:**

- When putting the batteries in the remote control, check if the polarities are correct (+/-).
- Make sure that you use AAA size batteries.
- When changing the batteries, change both batteries at the same time. Do not mix old and new batteries.
- If you will not use the product for a long time, take the batteries out of the remote control.

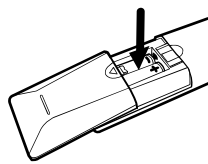
##### **When to change the batteries(2 x AAA Batteries):**

- If the remote control does not work even within a short distance from the main player, the batteries must be changed.

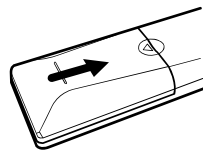
##### **How to change the batteries:**



1. Push and slide the battery cover tab to open the battery compartment.



2. Insert the batteries correctly.



3. Close the cover.



### **Product Overview (Microphone)**

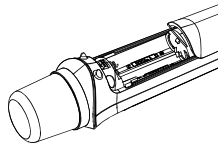
#### **To avoid electric discharge or damage of battery:**

- When putting the batteries in the microphone, check if the polarities are correct (+/-).
- Make sure that you use AA size batteries.
- When changing the batteries, change both batteries at the same time.
- If you will not use the product for a long time, take the batteries out of the microphone.

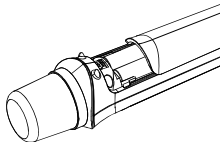
#### **When to change the batteries:**

- If the microphone does not work even within a short distance from the main player, the batteries must be changed.

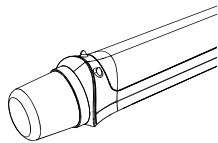
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## **Table of Contents**

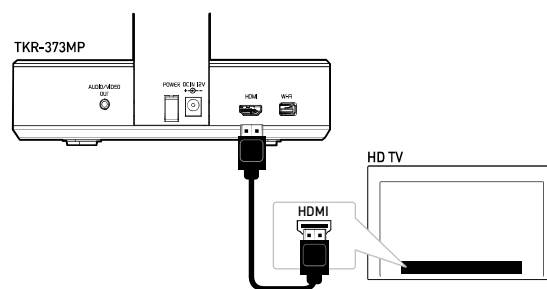
FCC DECLARATION OF CONFORMITY .....	4
Packing Guide .....	5
Quick Guide .....	6-10
- Basic Functions, Secondary Functions, Channel Settings	
Introduction .....	11
How to use the keys .....	12
How to take care of your TJ Karaoke .....	13
Package Contents .....	14
Product Overview .....	15-19
- Main player	
- Remote control	
- Microphone	
Installation Guide .....	20-21
- Main Unit to HDTV Connection	
- Main Unit to Standard TV Connection	
How to operate the TJ Karaoke .....	22-26
- Power on/off	
- Search and reserve songs by remote control and microphone control buttons	
- Play, Pause, Stop, Music Volume, Mic volume, Echo, Melody, Tempo adjustment, Key adjustment, Skip	
Additional menu function & configuration settings .....	27-30
- Search Menu	
- Favorite Menu	
- Record Menu	
- Repeat Menu	
- PERFECT PITCH	
- MTV/ Multiplex/ RealSound/ Chorus/Duet Menu	
- Configuration Menu	
- How to use your photos or videos saved in a USB storage/memory device as background	
- How to use your photos which is saved in your player as background	
Troubleshooting guide .....	31
Q&A - other .....	32
Product Specification .....	33



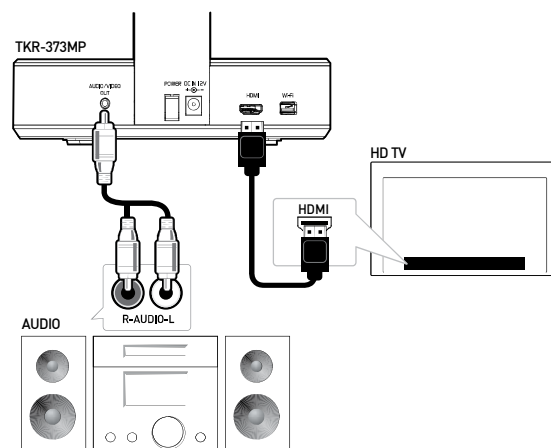
## **Installation Guide**

### **Main Unit to HDTV Connection**

- Please connect the main unit to the HDTV using an HDMI cable as shown in the image below.



- If a speaker system is available:  
Please connect the audio output of the main unit to the audio input of the speaker system as shown in the image below.

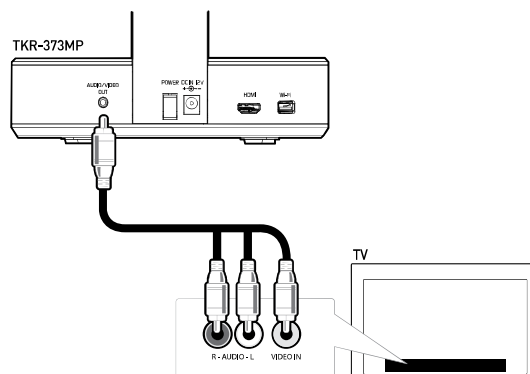




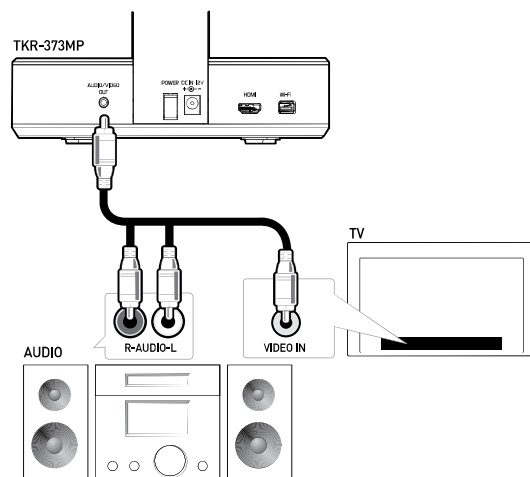
## **Installation Guide**

### **Main Unit to Standard TV Connection**

- Please connect the main unit to the TV using an RCA cable as shown in the image below.



- If a speaker system is available:  
Please connect the audio output of the main unit to the audio input of the speaker system as shown in the image below.



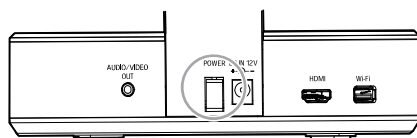


## **How to operate the TJ Karaoke**

### **Power On/Off**

#### *Power ON - TJ Karaoke Main Unit*


1. Connect the main unit and all its accessories accordingly.  
(Refer to Installation Guide for connection instructions.)
2. Turn on your TV set and select the AV source where the device is connected.
3. Turn the TJ Karaoke main unit on through the rear panel power switch (as seen on illustration below).
4. Check if the POWER LED on the front panel of the main unit is turned on to confirm that the product is powered on.





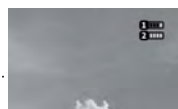
#### *Power OFF - TJ Karaoke Main Unit*

1. Turn the TJ Karaoke microphone(s) off first before turning off the main unit.
2. Turn the TJ Karaoke main unit off through the rear panel power switch (as seen on illustration above).
3. Check if the POWER LED on the front panel of the main unit is turned off to confirm that the product is powered off.

#### *Power ON/OFF - Microphone*

The  button turns the microphone(s) on and off. The main unit will not be turned on and off through this button.

1. Press  button to turn the microphone(s) on.
2. Check if the POWER LED of the microphone is lighted up to confirm that it is turned on.
3. Check if the microphone icon is indicated on the TV screen.  
- To check the icon, the main unit must be turned on.  
- If icon did not appear, the microphone is not connected properly and it must be rechanneled.  
Please refer to "CHANNEL SETTINGS" section of this manual for rechanneling instructions.
4. To turn off the microphone, press the  button for two(2) seconds.
5. Check if the POWER LED of the microphone is not lighted up to confirm that it is turned off.





## How to operate the TJ Karaoke

### Search and reserve songs by remote control and microphone control buttons

Be sure to read the introduction on the “How to use the keys” section found at the beginning of this manual.

#### Unified Search Screen-Title or Artist



In the illustration above, the song “Life Is A Flower” is highlighted.

You can reserve it by pressing **RES**.

Move the **▲**, **▼** keys to highlight and reserve more songs.

1. Title/Artist – This is the current sort mode. To change to another sort mode, press [VOL].
2. Song numbers – Index number of the song in TJ Karaoke songbook.
3. Type - Indicates the type of the song.
4. 0005/0011 – Current page over the total number of pages for the whole TJ Karaoke HD library.  
If you add a new song, the total number of pages will change accordingly.
5. Search input box. (Enter title or artist name.)
6. Favorite symbol – Activates when the song has been added to the Favorite list.



## **How to operate the TJ Karaoke**

### **Selecting Songs by Title or Artist**

1. Press **(SEL)** to enter the Unified Search function.
2. The search function contains the list of songs available on the TJ Karaoke.
3. Key-in the equivalent text character(s) of the song title or artist that you're looking for. As you enter the first letters of the song title or artist, the songs with the same beginning letters appear will also in the screen.  
Continue to key-in letters until your song comes up on the screen.
4. Press **▲, ▼** to scroll to the song title or artist that you want to select. If the title or artist is not visible on the current screen, press (left/right) to move to the next or to the previous page.
5. Press **(RES)** to reserve the highlighted song.
6. Simply follow the procedure above to add more songs to the reservation list.  
You can reserve a maximum of 100 songs.
7. Songs in the reservation list are erased once the TJ Karaoke is turned off.
8. If you want to make a list of songs that is retained even after the unit is turned off, please see instructions regarding the "Favorite Menu".
9. In case you made an error, you can cancel the previously reserved song by pressing **(C)**.
10. If you are ready to play the songs you selected, press **(C)** until the search disappears from the screen. Then press **(S)**.
11. During playback, you can still press **(RES)** to access the search function in order to reserve additional songs. However, during playback, the search window will be smaller and will display a list of five (5) titles at a time. Press **◀, ▶** to move from page to page.

### **Reservation**

- The song reserved is displayed on your screen.
- The TJ Karaoke plays the reserved songs one after the other.  
The user doesn't need to press the **(S)** button to play each reserved song.
- You can cancel the reserved songs by pressing **(C)**.
- If you key-in the reserved song number and press the **(C)** button, you will cancel the reserved song.



## **How to operate the TJ Karaoke**

### **Play, Pause, Stop**

#### *Play*

- To play a song, select from the list on the song search screen and press (S) on the microphone or on the remote control. You can also select songs from the song list.
- Use the arrow key ◀▶, ▲▼ and press (S) to play.
- Once you finish singing, your score will be shown on the screen.
- If a Real Sound song is playing, the 'REAL' icon will be displayed on the left side of the screen.
- If a Multiplex song is playing, the 'Multiplex' icon will be displayed on the left side of the screen.
- If a Chorus song is playing, the 'Chorus' icon will be displayed on the left side of the screen.
- If a MTV song is playing, the 'MTV' icon will be displayed on the left side of the screen.
- If a Duet song is playing, the 'DUET' icon will be displayed on the left side of the screen.

#### *Pause*

- If you want to pause the song for a while, press (S) to pause.
- Press (S) to start again.

#### *Stop*

- Press (C) to stop the song.

### **Music Volume / Mic Volume / Echo**

Music, microphone, and echo levels can be adjusted by pressing (VOL). However when the menus or search screen is on display, you cannot use (VOL) to adjust the music, mic, echo volume; you have to exit to the main screen by pressing (C). It is best to pause the songs by pressing (S) to make any adjustment so that it does not interfere with your singing.

#### *Music Volume Control*

- Press (VOL) to adjust the music volume level.
- When the music volume bar is displayed on top of the screen, you can adjust the volume level using the arrow keys ◀▶.

#### *MIC Volume Control*

- Press (VOL) 2 times to adjust MIC volume level.
- When the MIC volume bar is displayed on the top of the screen, you can adjust the MIC volume level using the arrow keys ◀▶.




#### *Echo Volume Control*

- Press (VOL) 3 times to adjust ECHO volume level.
- When the echo volume bar is displayed on the top of the screen, you can adjust the echo volume level using the arrow keys ◀▶.






## **How to operate the TJ Karaoke**






### **Melody / Tempo adjustment / Key adjustment**

Melody, key, and tempo can only be adjusted when a song is playing. However, when the menus and search screen are on display, you cannot use  to adjust melody, key, and tempo; you have to exit to the main screen by pressing  until the menus or search screen disappear. It is best to pause the songs by pressing  to make any adjustment so that it does not interfere with your singing.




#### *Melody*

- Press  until the Melody control bar appears.
- When the melody bar is displayed on the top of the screen, you can adjust melody volume level, using the arrow keys  . Melody volume can be set 4 in levels (None - Low - Middle - High).

#### *Tempo*









- Press  until the Temp control bar appears.
- Press the arrow key   to adjust the tempo level.  
 is to slow down the music, and  is to speed it up.
- Tempo can be set from -6 level to +6 level.

#### *Key*

- Press  until the Key control bar appears.
- Press the arrow key   to adjust the key setting.
- Key can be set from -6 level to +6 level.
- These controls are only available while the unit is playing a song.

### **Skip Menu**

The Skip function allows the user to skip the current prelude (instrumental, intro, interlude), line, or verse. This function can be compared to the fast forward or rewind function in music players.

- Press  while playing, and select the arrow key  to skip prelude or interlude.
- Press  while playing, and select the arrow key  to skip BAR.  
Skipping the bar lets you move to the next line of lyrics.
- Press  while playing, and select the arrow key  to skip BAR.  
Skipping the bar lets you move to the previous line of lyrics.
- Press  while playing, and select the arrow key  to skip VERSE.

The Skip function may vary from each song to song. It is best to use Skip "Prelude" and "Bar" because some songs have long verses or are not divided according to verse and skipping the verse might end the song.





### Additional Menu Functions & Configuration Settings

To access menu functions and configuration settings, press {menu}. You can navigate through the menu items by pressing ◀, ▶, ▲, ▼. To enter a menu function, press (SEL).

#### Search Menu

See the instructions entitled "Search Screen", "Search Function", and "Song Reservation" on this manual for more information.

#### Favorite Menu

The Favorite Songs List contains user selected songs that are stored in the TJ Karaoke's memory. This list is retained even after the TJ Karaoke is turned off.



To add songs to the favorite list :

- Select a song on the search screen and press (MENU).
- A {STAR} icon will be added after the artist column, which means the song is in your favorite list. If you press (MENU) again, the {STAR} icon will disappear and the song is removed from the favorite list.

Managing the favorite list :


- In your favorite song list, you can sort the songs in terms of the song title or artist. If you want to remove a song in the list, select a song and press (MENU).
- Press (5) to play a song from the Favorite Songs list.
- You can also reserve the songs in your favorite list to cue them to play. Just highlight the song and press (RES).
- You can sort your favorite songs by Title and Artist. Press (VOL) to change the sort mode.






## **Additional Menu Functions & Configuration Settings**

### **Record Menu**

The record function allows the user to record his/her own voice on a song.  
Both the instruments and the user's voice are recorded and can be played back.  
Recorded songs are stored in the TJ Karaoke's built-in memory.  
Recorded time is up to 5 minutes per song. If exceeded, it may not be properly recorded.

To use the recording shortcut: from the search screen, highlight a song and press  until recording is activated, or you can use the Record Menu.

- Press , and select "REC".
- Select "Recording Song".
- Select the song, and press  to record.
- As recording starts, the recording symbol is displayed on the screen.
- After recording, you can see the recorded song list on the "Listen/Download" menu and play the recorded songs.
- Select the recorded song, and press  to play.

### **Repeat Menu**

You can select any of the repeat functions as follows;

- {None} : Plays the reserved songs in order of reservation.
- {Continue} : Plays the reserved songs repeatedly.
- {All} : Plays all songs in order of song number repeatedly.

### **PERFECT PITCH**

The 'Perfect Pitch' feature allows you to check the beat and pitch in real time with enjoyment of singing as a game.

- GAME MODE : Select from SINGLE / BATTLE mode.
- PLAY TIMES : Select the number of songs to be played (1-3 times).  
Feature only on Battle Mode.  
\* 'Select song → Play' is repeated until 'Perfect Pitch' mode is cancelled in 'Single Mode'.
- CHARACTERS : Select from four characters or one of your photos as the character.
- RANKING CHART : Displays the ranking of singers singing in SINGLE mode.  
The record is retained even when the device is turned off and on.
- HELP : Simple manual of the Perfect Pitch feature.
- START : After selecting settings on Perfect Pitch such as Play Times and Character, selecting this will let you choose song(s) to sing.
- EXIT : Exit/cancel Perfect Pitch mode.

### **MTV/ Multiplex/ RealSound/ Chorus/ Duet Menu**

- This menu provides the list of different types (formats) of songs.
- If you select an item, a song format on the remote, the list will be displayed.



## Additional Menu Functions & Configuration Settings

### Configuration Menu

The Configuration menu enables you to change some of the settings of the TJ Karaoke like lyrics alignment and difficulty level of the scoring. Here is the list of the default values for each configuration option.

Configuration Option	Default	List of Possible Values
System	System Information	Current version of the program
	MIC Channel Setup	The current channel MIC1 : CH1(494.0 MHz), CH2(494.4 MHz), CH3(494.8 MHz), CH4(495.2 MHz), CH5(499.8 MHz), CH6(500.2 MHz), CH7(500.6 MHz), CH8(501.0 MHz) MIC2 : CH1(498.2 MHz), CH2(498.6 MHz), CH3(499.0 MHz), CH4(499.4 MHz), CH5(504.0 MHz), CH6(504.4 MHz), CH7(504.8 MHz), CH8(505.2 MHz)
	Reset	—
Sound	MIC/Music Setup	MASTER VOLUME : MIC/ECHO/MUSIC MIC GAIN : MIC1/MIC2 MIC 4Band EQ : LOW/MID LOW/MID HI/HI ECHO CONTROL : TIME/FEEDBACK
	Key	Original
	Melody	Original/-1/-2
	Button Effect	None, Low, Middle, High
Display Option	Lyric Array	Normal, Electronic, None
	MIC Input Check	Left-Right/Center
Score	Score Check	On/Off
	Real Time Score	Amateur, Professional, Off
	Score Display	On,Off
Smart Phone Setup	HOT SPOT	Normal(100~0)/Grade(S~F)
	AP	—
TV Setup	PAL	—
	NTSC	—
New Song Management	Delete New Song	—

To change any of the configuration options, highlight it by pressing ◀, ▶, ▲, ▼ then press ▲, ▼ to change the values until your desired value is displayed. When you're done with the change the value, press (SEL). To exit the menu screen press (C) once.

#### Sound Setup

- To adjust the master volume, microphone1/2 gain, equalizer and echo control, press the song number, then press (S) button.
- If you want to adjust without song, press (C) button to adjust.
- It is available to adjust the volume of each microphone.
  - Microphone1 : It is available to adjust both of the first wireless microphone and wired dynamic microphone.
  - Microphone2 : It is available to adjust both of the second wireless microphone and wired dynamic microphone.



### **Additional Menu Functions & Configuration Settings**

#### *Button Effect*

- When enabled, the TJ Karaoke will output sound whenever a button is pressed.

#### *Score check*

- This selects the difficulty level of scoring.

#### *Lyric Array*

- Lyric Array allows the two lines of the lyrics to be aligned either to the center or to the left and right.

#### *TV Setup*

- Switches the TJ Karaoke's video system output between NTSC and PAL.

### **How to use your photos or videos saved in a USB storage/memory device as background**

1. Save the photo or video file you want to use as background to USB memory.
2. Please insert your USB memory to the front side USB port, only.
3. Press the MIC (ADJ) button or (BCV) button on the remote control to select "Ext.Photo" which will display your pictures in USB memory as the background.
4. If you select "Ext.Video" in the same way, as described above your video stored in the USB memory will be displayed as background.
5. Pictures or videos in the USB memory will not be displayed as background when you remove the USB memory from the player.

### **How to use your photos which is saved in your player as background.**

1. Insert the USB memory with your personal pictures to the USB slot of the TJ Karaoke.
2. Press the mic (MENU) button, then "USER" or the (USER) button on the remote control to select "Ext.Photo".
3. Move the highlight using the direction key, and press the (SEL) button when highlight is placed on the picture you want to use as background.
4. When you have finished selecting pictures, press the (RES) button to save the selected picture to the player.
5. Your photos in the player will be displayed as a background when you select "My.Photo" in the background category.
6. Pictures in the player can be deleted from the "USER" → "My.photo" menu.



### **Troubleshooting Guide**

1. The TJ Karaoke does not turn on.
  - a. Make sure that the DC output plug of the adaptor is firmly plugged to the unit, and that its AC input plug is likewise firmly plugged into the AC outlet.
  - b. Please turn on the TJ Karaoke through the power switch on the rear panel of the main unit.
2. The screen displays video but there is no sound.
  - a. Check if a headphone is connected to the TV, the amplifier, or speaker system and if so, disconnect the headphone.
  - b. Increase the volume of TV, amplifier, or speaker system.
  - c. Also increase the volume of main player.
  - d. If the main player is connected to the HD TV, check if the HDMI cable is connected to the HD terminal between TV and main player.  
If there is an external speaker system or amplifier, or if the TJ Karaoke is connected to an SD TV via RCA, check if the red and white RCA cables are correctly to the speaker system, amplifier or TV.
3. The screen does not display video.
  - a. If the main player is connected to the HD TV, check if the HDMI cable is connected to the HD terminal between TV and main player.  
If the main player is connected to the SD TV, check if the yellow RCA cable is connected between TV and main player.
4. The volume of the MIC is low.
  - a. Press the {vol} button then press {right} button to increase the volume of the mic.
5. Real time score is displayed even if there is no person singing on the MIC.
  - a. Realtime score is designed to respond even to soft sounds, which includes surrounding noise.
6. The Main Unit does not turn off even after turning off the MIC.
  - a. The power switch of the MIC is designed to turn off the MIC. It does not control the power of the main unit.
  - b. Please turn off the power with the main unit's power switch.
7. Distance of the remote control is short.  
The remote control does not operate well.
  - a. Check battery of the remote control.
  - b. Is the product being used near a strong light source (direct ray of light or bright electric lights)? Avoid bright light sources as much as possible.
  - c. Remove any obstruction between the remote control and the main unit.



### **Q&A-Other**

1. How do you set the TV system?
  - You can select between NTSC and PAL. Enter the [Config] Menu, then enter [TV Setup] then select either NTSC or PAL.
2. How to use wired microphone.
  - It is possible to use wired microphone in case that wireless microphone is defective or lost.
  - If you using wireless microphone 1, please use wired microphone through MIC 2 on the main unit.
  - If you using wireless microphone 2, please use wired microphone through MIC 1 on the main unit.
  - It is possible adjust the volume of microphone through the configuration menu: Config → Sound → MIC Setup → "GAIN MIC1/2".



#### Product Specification

Microphone	
Microphone Type	Analog Wireless Microphone
RF Frequency / RF Type	494MHz~505.2MHz / F3E
Unit Type / Impedance	Dynamic / 600Ω
RF Transmission Range	Up to 10m (30~ft)
Battery Spec	1.5V(AA) x 2
Audio Frequency	50Hz ~ 15kHz
Operating Temperature(L)	0℃ ~ 40℃
Weight (g)	230g(without battery)
Dimension(WxHxD)	49.5 x 258.2 x 50 (mm)

Main Player		
Audio	Output	2.2Vrms
	Frequency	20Hz ~ 20kHz
Video	Input	75Ω 1.0Vpp
	Output	75Ω 1.0Vpp
Adaptor	Input	AC100~240V (50~60Hz)
	Output	DC12V, 1A
Input		DC12V, 1A
Consumption		12W
Weight (g)		676g
Dimension(WxHxD)		190 x 212.2 x 205.5 (mm)

Specifications are subject to change without  
prior notice for product improvement.

Ver.1

