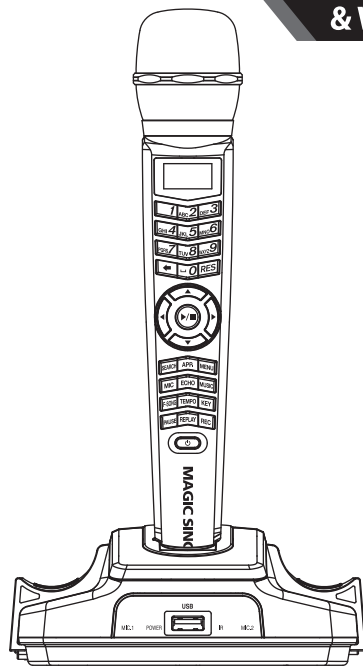


HD MULTIMEDIA KARAOKE

ET23KH QUICK GUIDE

& WARRANTY CARD



Limited warranty included

- | | | | |
|----------------------------------|-----------------------------------|---|-------------------------------|
| • Model No. | : ET23KH | • Audio Output Power | : Max 2Vrms |
| • Dimensions | : 142(W) x 192.5(H) x 59(D) mm | • Operation Temperature | : 0°C~60°C |
| • Wireless Mic. Bandwidth | : 2406.0 ~ 2474.0 Mhz | • Power Supply | : AC Adaptor(DC 9V/1.5A) |
| • Weight | : 350g | • MIC Type | : Digital Wireless Microphone |
| • TV Input Channel | : HD socket / Composit | ※ Approximately lasts for 12 hours with AA batteries.
Hours may vary depending on the circumstances. | |
| • Display Resolution | : 1280 x 720(HD), 720 x 480(NTSC) | | |

COMPONENTS AND FUNCTIONS	01
HOW TO INSTALL	02
SONG SEARCH, MENU, CONFIGURATION	03
APP(Application), EXTRA FUNCTIONS	04,05
TROUBLESHOOTING	06
LIMITED WARRANTY	07

DIGITAL HOME KARAOKE
MAGIC SING

FCC Information to User

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 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.

Caution

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Information : 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

IMPORTANT NOTE:**FCC RF Radiation Exposure Statement:**

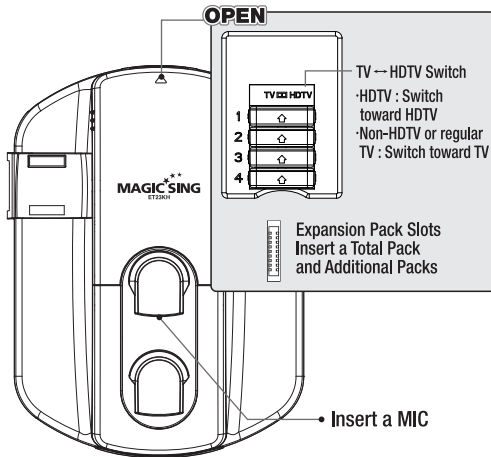
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

COMPONENTS & FUNCTIONS

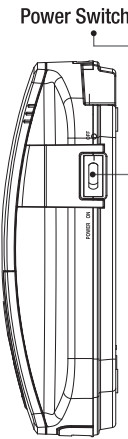
ET23KH QUICK GUIDE | 01

I Main Device

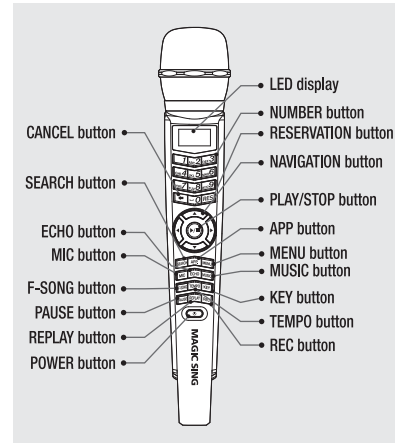
TOP



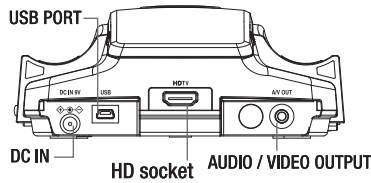
SIDE



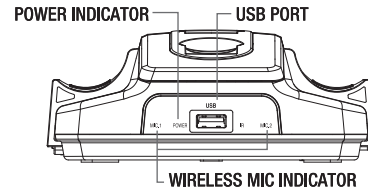
II 2 Wireless MIC (4 AA Batteries included)



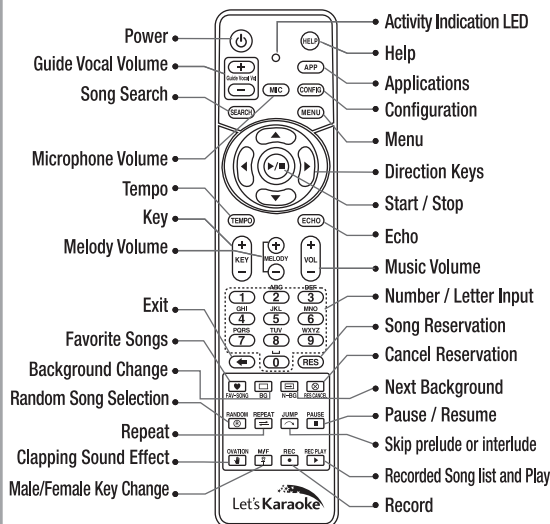
BACK



FRONT

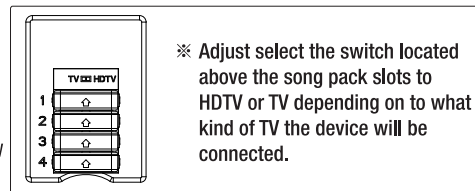
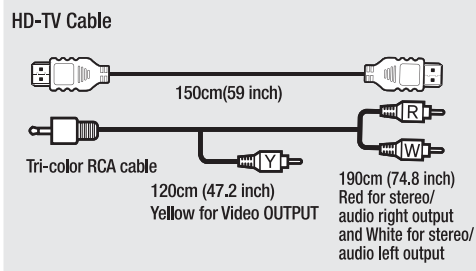


III Remote Control (2 AAA Batteries included)



IV Accessories

HD-TV Cable, Tri-color RCA cable, Power adaptor, Quick guide



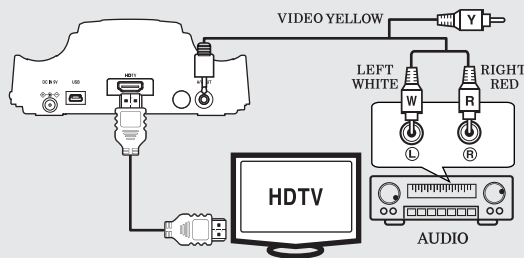
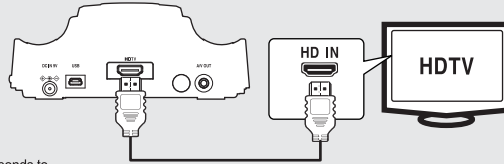
HOW TO INSTALL

ET23KH QUICK GUIDE | 02

1 HDTV with built in speakers

HD-TV cable : Connect one end of the cable to the HD socket on the backside of the main device and the other end of the cable to the HD socket on your HDTV.

※ Please make sure that the external input setting on your HDTV corresponds to the external input on your HDTV, to which the karaoke device will be connected.



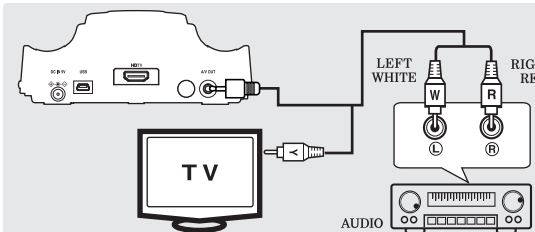
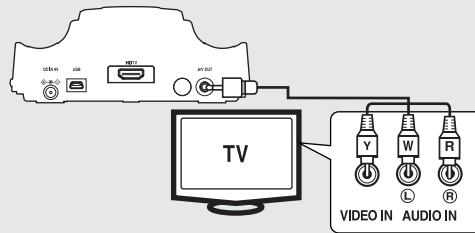
2 HDTV without built in speakers

For video output, follow the same instruction as 1. above. For audio, use the tri-color RCA cable. Connect the cable to the audio/video output on the backside of the main device and connect Red(right) end and White(left) end of the cable to corresponding audio inputs on speakers or other audio devices.

※ Please make sure that the external input setting on your HDTV corresponds to the external input on your HDTV, to which the karaoke device will be connected.

3 TV with built in speakers

Connect the Tri-Color RCA cable from the audio/video output on the backside of the main device to the corresponding audio/video inputs on your TV.




4 TV without built in speakers



For the video output, connect Yellow(Video) end of the cable to the TV video input. For the audio output, connect Red(right) end and White(left) end of the cable to audio inputs on speakers or other audio devices.



5 How to use digital wireless MIC


Buttons on the MIC will function similarly to those on the remote controller provided. Press and hold  for 2 seconds to turn ON or OFF the MIC.

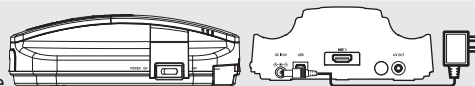
※ If the MIC does not work (no voice from the TV), please follow below steps.

1. Turn off the MIC.
2. Press "0" button on the wireless MIC, and then press "" button using another finger. (Do not release button "0" and "" until the word "SEL" appears on the LCD of MIC.)

※ MIC turns off automatically, if there is no voice input or other button inputs for 10 minutes.

6 How to power on/off

Connect the power adaptor as shown in the picture. And turn on the power switch on the right side of the main device. To turn it off, press  button on the remote controller and turn off the power switch on the right side of the main device.



I Song Search

Button	Letter Input
1	1
2 ABC	A → B → C → 2 → A → Circulate (Press repeatedly.)
3 DEF	D → E → F → 3 → D → Circulate (Press repeatedly.)
4 GHI	G → H → I → 4 → G → Circulate (Press repeatedly.)
5 JKL	J → K → L → 5 → J → Circulate (Press repeatedly.)
6 MNO	M → N → O → 6 → M → Circulate (Press repeatedly.)
7 PQRS	P → Q → R → S → 7 → P → Circulate (Press repeatedly.)
8 TUV	T → U → V → 8 → T → Circulate (Press repeatedly.)
9 WXYZ	W → X → Y → Z → 9 → W → Circulate (Press repeatedly.)
0	↵ → 0 → ↵ Circulate (Press repeatedly)

1. Press **SEARCH** to open the search panel
2. **SEARCH** TITLE → SINGER → LYRIC → NUMBER → TITLE → Circulate
(Press repeatedly.)
3. **MENU** ALL → GUIDE VOCAL → Listing by Country → ALL → Circulate
(Press repeatedly.)
4. **CONFIG** Alphabet → Other Languages Available → Alphabet → Circulate
(Press repeatedly.)
5. Press **RIGHT** to move the cursor to the right (or after 2 seconds the cursor will move to the right without pressing **RIGHT**.)
6. Press **LEFT** to delete the letter.
7. Press **UP**, **DOWN**, **LEFT**, **RIGHT** to select a song.
8. Press **PLAY** to play (resume) / stop.
9. Press **PAUSE** to pause / resume.

II MENU Press **MENU** → Press **LEFT** / **RIGHT** to move to the menu you want to use → Press **UP** / **DOWN** to select that menu → Press **LEFT** / **RIGHT** to select the content and/or adjust the value → Press **UP** / **DOWN** to save → Press **LEFT** to exit from the menu.

Adjust melody volume	Adjust music volume	Adjust tempo	Adjust key	Turn on/off the musical note	Adjust octave	Adjust echo	Adjust MIC volume
Adjust volume of guide vocal	Turn on/off guide vocal	Change melody instrument	Change male/female key	Set a part of song to be repeated	Play songs continuously	Change settings for score	Change background

III CONFIGURATION Press **CONFIG** or **APP** to open a page for .

- MIC EFFECT**
- AUTO MIC EFFECT**
- SONG COUNTDOWN**
- MUSICAL NOTE SCROLL BAR**
- LYRICS**
- LYRICS POSITION**
- LYRICS LINE**
- SCORE CHECK**
- REAL TIME SCORE**
- SILENCE MODE**
- AUTO POWER OFF**
- FACTORY RESET**

- **[MIC EFFECT]** Select from Echo (short), Echo, Echo (long), Reverb (room) or Reverb (hall).
- **[AUTO MIC EFFECT]** Automatically uses the MIC effect (Echo) only when you start a song.
- **[SONG COUNTDOWN]** Turn on/off the song countdown "4, 3, 2, 1" which indicates the starting point of a song.
- **[MUSICAL NOTE SCROLL BAR]** Turn on/off the musical note scroll bar which indicates where it is playing.
- **[LYRICS]** Turn on/off the lyrics on the screen.
- **[LYRICS POSITION]** Select the position of the lyrics on the screen.
- **[LYRICS LINE]** Choose the number of lines to be displayed in 2 LINES or 3 LINES.
- **[SCORE CHECK]** Set the scoring mode to None, Beginner, Amateur or Professional.
- **[REAL TIME SCORE]** Shows your score throughout the whole song you are currently singing if you turn this function on.
- **[SILENCE MODE]** Silent mode. (you can choose from "level 1", "level 2", and "off")
- **[AUTO POWER OFF(Main device)]** ON (If there is no action for 1 hour, automatically shuts down.) / OFF (Power stays on until user shuts down.)
* Wireless MIC: If there is no action for 15 minutes, automatically shuts down.
- **[FACTORY RESET]** Reset all settings to the factory default settings.

I APP (Application)

MOVIE

Turn the power off → (USB PORT) Insert the USB memory device → Turn the power on → APP → Select → Open the screen → Select a folder or file → Open the selected folder or the file.

MUSIC

Turn the power off → (USB PORT) Insert the USB memory device → Turn the power on → APP → Select → Open the screen → Select a folder or file → Open the selected folder or the file.

PHOTO

Turn the power off → (USB PORT) Insert the USB memory device → Turn the power on → APP → Select → Open the screen → Select a folder or file → Open the selected folder or the file.

CDG Karaoke

Turn the power off → (USB PORT) Insert the USB memory device → Turn the power on → APP → Select → Open the screen → Select a folder or file → Open the selected folder or the file.

SERIAL NUMBER

The serial number stored in your USB memory device is needed when purchasing any additional songs from the website www.netkara.com.

Turn the power off → (USB PORT) Insert the USB memory device → Turn the power on → APP → Select → Open the screen → Save the Serial Number in the USB memory device → Check whether the saving was successful → Exit.

USB CONTENTS

Turn the power off → (USB PORT) Insert the USB memory device → Turn the power on → APP → Select → Open the screen → The main device will automatically find additional songs on USB memory device and move them to the internal memory inside the main device.

GAME

APP → Select → Select a game → play.

MANUAL

APP → Select → Open the screen → View the next page, View the previous page → Exit.

II Extra Functions

View a help menu

If you want to know the detailed explanation for a specific function of each key button on remote controller, please press the key button you want, which leads you to the corresponding page of the manual in Help menu.

Reserving songs

On the search panel →     Select a song
→  Reserve a song.

Cancelling reserved Song

In the RESERVED SONG LIST →     Select a song
→  Cancel the reservation.


Add to the Favorite Song List

- 1)  On the search panel →     Select a song →  Add a song to the favorite song list.
- 2) While playing a song →  Add a song to the favorite song list.


Delete from the Favorite Song List

While on the standby, press  to move to the FAVORITE SONG LIST →     Select a song →  Delete the song.


Background

 Choose the background setting to MOVIE, PHOTO or AUTO. If there are video files in the VIDEO folder or photo files in the PHOTO folder in a JPEG format that can be used in your USB memory device, these files will be played as backgrounds first and files built in the main device will be played afterwards.

Next Background

 View the next background in order.




























Skip

 Skip prelude or interlude.

Clap

 Play the clapping sound effects.

Record

- 1)  On the search panel →     Select a song →  Start recording →  or  End recording.
- 2)  On the FAVORITE SONG LIST →     Select a song →  Start recording →  or  End recording.
- 3)  On the RESERVED SONG LIST →     Select a song →  Start recording →  or  End recording.
- 4) While playing a song →  Start recording →  or  End recording.








Copy recorded songs to the USB Memory device

 Turn off the main device →  (USB PORT) Insert the USB memory device →  Turn the main device on →  Display the RECORDED SONG LIST →     Select a song →  Copy a recorded song to your USB Memory device.

Delete a recorded song

 On the RECORDED SONG LIST →     Select a song →  Delete the recorded song.

Section move

While playing a song →  to pause the song →  to move to the previous lyrics  to move to the next lyrics
 to move to the previous page and  to move to the next page →  or  to play the song again

TROUBLESHOOTING

ET23KH QUICK GUIDE | 06

PRECAUTION



Use the adaptor that comes with MAGIC SING only. There are many adaptors that are plug-compatible with MAGIC SING, but have different electrical specifications. These adaptors would work only for a short period of time but would soon damage MAGIC SING.



Do not plug MAGIC SING in if it is wet. Please contact the service center immediately, if the device has been used in wet condition. If any solid object or liquid gets inside of MAGIC SING, unplug it and have it checked by the service center.



Do not drop MAGIC SING. Any external or internal damage due to dropping is not covered under warranty.



Do not insert or remove additional packs, total pack and USB memory device while MAGIC SING is turned on.



Do not store MAGIC SING in direct sunlight, in a high temperature, or a highly humid room.



Do not use strong chemicals to clean MAGIC SING, as these chemicals may damage the device. Keep MAGIC SING away from pets and small children.



Do not press the LED/LCD part



Never use a sharp object on the keypad.



Do not immerse MAGIC SING in water or splash water on it. Water damage is not covered by the warranty.



Do not disassemble MAGIC SING into parts. This will void the warranty.

TROUBLESHOOTING

In cases of problems, please check the following recommendations before contacting the service center.

<ul style="list-style-type: none"> • If MAGIC SING cannot be turned on 	<p>MAIN DEVICE : Make sure the adaptor is correctly plugged into the power outlet. Check if the plug is properly inserted to the corresponding jack.</p> <p>In case you are using the device with wireless MIC, check if the battery type is AA. If the battery is low, MAGIC SING wireless MIC may not work properly.</p>
<ul style="list-style-type: none"> • If the user's voice cannot be heard 	<p>Press the VOL button and check the MIC volume of MAGIC SING. Press "0" button on the wireless MIC, and then press "POWER" button using another finger to turn on the power. (Do not release button "0" and "POWER" until the word "SEL" appears on the LCD of MIC.)</p>
<ul style="list-style-type: none"> • If the TV does not show pictures or emit sound 	<p>Make sure HD cable and/or A.V cables are properly connected between MAGIC SING and HDTV(SDTV). And check if the input setting of HDTV(SDTV) corresponds to the external input of your TV to which the cables are connected.</p>
<ul style="list-style-type: none"> • The display screen of MAGIC SING has frozen or disappeared from TV screen 	<p>Press the power button off and turn it back on.</p>

※ When MAGIC SING needs to be repaired, please send it to your nearest service center or the place you purchased it from.

ENTER TECH CO., LTD.

VER.100

Address : Enter B/D, 156-7, Ojeong-dong, Ojeong-gu,
Bucheon-City, Kyonggi-do, Korea (421-814)

Tel : +82-32-680-9000 | Fax : +82-32-673-0818

Web address : www.enter-tech.com



PRODUCT NAME : MAGIC SING
MODEL NUMBER : ET23KH / FCC : PBN-ET23KH

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.

Any changes or modifications to the equipment not expressly approved by the responsible for compliance could void user's authority to operate the equipment.

LIMITED WARRANTY

ET23KH QUICK GUIDE | 07

ENTER-TECH 1 YEAR LIMITED WARRANTY



Thank you for purchasing a highly qualified Enter Tech's (ET) product.

ET warrants its products against defects in materials and workmanship under generally accepted industry standards for a period of one (1) year for labor and parts from the date of retail purchase. ET's warranty obligations are limited to the terms and conditions set forth below :

TERMS AND CONDITIONS

1. If a defect or defects exist, at its option, ET will repair the product at no charge, using new or refurbished replacement parts provided the product does not fall into one of the categories of Section Number 9. "The warranty does not cover as below:" Replacement parts are warranted for the balance of the original applicable warranty period.
2. To obtain warranty protection, notice of the alleged defects must be given promptly upon discovery and this warranty card bearing the date of purchase, the product's model number with its serial number and other fill-ins must be presented with dated proof of purchase (Tax invoice / receipt) to one of our authorized service centers.
3. Our decision on all questions with respect to complaints as a result of defects, either materials or workmanship, shall be conclusive.
4. In order to ensure that you are covered by the warranty, you should use only genuine ET's parts and components such as adaptors, cables provided during installation.
5. Enter-tech or Authorized Service Centers will repair products under warranty at no charge, given all guidelines and restrictions are followed. Shipping expenses may or may not apply to customer depending on the region. Please contact local service center before sending any units in for repair.
6. After warranty period, to have normal service, customers shall bear all costs in shipping the product(s) for both ways (Customers to service centers and Service centers to customers).
7. All of returned products must be packaged appropriately, and it is recommended that they be insured or sent by a method that provides for tracking of the package. The recipient (service center(s) or even ET) is not responsible for any product that is lost or damaged in transit.
8. Please be noticed that the warranty will not be effective and all the costs of both after service and shipping in and out shall be born by customers if they purchase the products flowed in or purchased from other countries.
(Our authorized service centers can be founded in the last page of the manual provided.)
9. The warranty does not cover as below :
 - 1) Defects, damage and breakage resulting from accidents, misuse (breakage, spillage of food / liquid substances that defect the product and parts such as P.C.B, battery leakage and etc.), wrong usage of electrical supply and voltage, abuse, alternation, modification, improper testing(operation, installation), tampering or failure of the purchaser to follow normal operating procedures described in the user's manual.
 - 2) Product subjected to unauthorized disassembles and/or repairs which adversely affect the performance of the product.
 - 3) In case of non-authorized third party engagement.
 - 4) Normal and customary wear and tear, corrosion, rusting or stains.
 - 5) Scratches and damages to the outer surface areas and externally exposed parts that are due to normal customer use.
 - 6) Claims for damaged/missing parts or accessory after 3 days from the original date of goods received.
 - 7) Product which has its serial number removed or altered or made illegible / tampered.
 - 8) If the warranty card is being altered, defaced or erased in any manner whatsoever.
 - 9) Accessories in the product package provided by ET such as adaptors, cables which are considered as consumable articles.
 - 10) The warranty period for a voice coil inside the mic ball of a mic is 6 months from the date of a retail purchase.
10. Any service charge due to the clauses of "The warranty does not cover" will be billed to customers and the service charge will vary depending on each service center in each country. Please consult the service charge with your nearest service center.

If you want to contact our technical "Service Center" close to your area, please refer to our website at " www.enter-tech.com ".

LIMITED WARRANTY

PRODUCT		CITY / STATE / ZIP	
MODEL NUMBER		TELEPHONE	
WARRANTY PERIOD	1 YEAR FROM PURCHASE DATE	PURCHASE DATE DAY / MONTH / YEAR	
PURCHASER'S NAME		PURCHASED FROM	
ADDRESS		REASON FOR SERVICE	