duost

User Guide

www.kumyoung.com
Kumyoung co.,Ltd

Introduction

Thank you for purchasing the Duostar (KHM500) karaoke system.

We recommend that you read this manual carefully before using this product. By making the proper selections for setup, users can enjoy stereophonic and vivid performances.

Please retain the manual with the warranty.

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1. Item Checklist

Basic Items

◎ Please check that all basic items are included

Station

Two Wireless Microphones

Microphone Stand

User Guide & Song List

Carry Bag

Remote Control

RCA Audio Video Cable

AC Adaptor

4x AA / 2 AAA Batteries

Optional

Song Pack

■ The actual products may differ from those shown in the images.

2. Safety and Maintenance

2-1 Safety Symbols

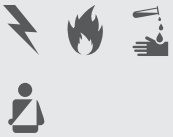
Ignoring the symbols below could lead to serious injury if the equipment is handled incorrectly.

Attention	Warning Danger, or Caution
Electric Shock	Actions can Electric Shock
Leak	Actions can cause Electrical or Battery Leak
Fire Hazard	Actions can cause a fire
User Injury	Actions can cause injury to the user
System Damage	Actions can cause damage to the system
Good	Accepted Actions

Electric Shock Caution	Electrical shock can occur
Disassembly	Do not disassemble
Disassembly the power cord	Mandatory disassemble (disconnecting the power plug with mandatory operation)

2-2 Notes for Assembly

Caution



- Please carefully read this owner's manual and the manual of the other devices being connected to the player before installation. Improper use may cause a fire, electric leak, or electric shock.
- Only use the included power adaptor for this unit. Using the wrong power adaptor may cause electric leak, shock or fire.
- Before turning on the power, set the volumes low; abrupt high or an uncomfortable volume level can cause permanent hearing loss.

◎ This player's rated voltage is DC +9V/3A.

Ventilation

- Place the player in an adequate space for ventilation. For optimal use, keep a 2 inch gap between the player and other devices, and a 4 inch gap from walls.
- Do not block the air vents on the unit. This player should not be placed in a partitioned space that will impede the flow of cooling air.
- Do not put this player on an amplifier; it may produce heat.

2-3 Safety Use

Temperature / Heat

- Do not expose to direct light; this can cause an equipment distortion, or discoloration.
- Do not place or use near heat sources such as a radiator, heat registers, stoves or other devices exhausting heat. To prevent fires, electrical leakage, or electric shock, place the power-supply cord away from heat sources.
- Do not install in areas where temperature changes often occur.
- Do not install in dusty area.

Power Cord/Voltage

- Only use the permitted voltage. It is dangerous to use the device below the permitted voltage.
- Do not disconnect the power plug from the outlet until installation is completed; this can cause system malfunctions.
- Do not plug several power plugs into an electric outlet at the same time. If several plugs are being used please maintain the total power consumption below 200W. Do not plug this system with a heat source, monitor, TV, hair dryer, electric kitchen ware.
- Do not place objects over and around the power cord. A damaged power cord can cause a fire or electrical shock. If the power cord is damaged (outing of internal line, disconnection etc), contact the store where you purchased it from.
- Please avoid damaging, severe bending, twisting, drawing, or heating the power cord.
- Disconnect the power cord carefully to not cause any damage to it.
- For safety, do not touch the power plug when there is thunder or lightening storm.

- If unusual smells or smoke appears immediately turn off the power. Please use a pair of thick gloves for protection, disconnect the power plug from the outlet and call the service center.
- Unplug the power supply cord if the player will not be used for a long period of time.

Water/Moisture

- Do not touch the player or power cord with wet hands. It can cause a short circuit
- Do not pour or spray any liquid substances on or into the player. It can cause electrical malfunctions.

Handling

- Do not assemble this player on vibrating or unstable surfaces. Installing on unstable surfaces may cause the player to fall and cause damages.
- Place the power cord away from where it can be stepped or tripped on.
- If the player drops or its case is damaged, disconnect the power plug from the electric outlet, and inform a local repair center. If you use it without any re-inspection, fire or electric shock may occur.
- Do not place any objects on the player
- Do not put a TV or stereo on the player because it may cause damage to the player.
- Do not climb on the player or cling to the attached devices.
- Please supervise children; the music player could be a source of damage or injury.
- Press the buttons gently so as not to cause malfunction.

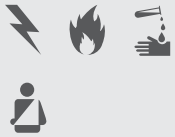
Handling

	• An unreasonable strong impact of the microphone causes malfunction or deterioration of its capacity. • The microphone near an amplifier can generate a high pitch beep sound. • Do not throw the accessories (remote control, songbook, microphone, etc.) at other people. • Putting metal objects such as hairpins, coins, thermoplastic materials inside the system will cause electrical problems. • In the case of moving the player, turn the power off and disconnect the power cord from the electrical outlet. Then, disconnect other connected cords to other equipment. • Do not disassemble or remodel the player to prevent risk of fire or electric shock. • If there is a problem with the player contact the service center or manufacturer. The warranty will be voided If damages are caused by the user.
	• Install on a flat surface.

> Certificate number: KCC-CRM-KYA-KHM500
> This product is for household use (level B), and is intended mainly for use at home and can be used in all regions.

2-4 Using Batteries

Warning



- Do not touch the player or power cord with wet hands. It can cause a short circuit.
- Please use the specified batteries.
- Do not attempt to recharge batteries. It may cause battery fluid leakage, battery damage, or injury to the user.
- Do not use new batteries with used ones to prevent environmental pollution.
- Do not store batteries with metal items (ball-pointed pen, hairpin, coin, etc.) When the battery runs out, it may cause battery fluid leakage or user injury.
- Do not heat or disassemble batteries or throw into water or a fire.
- Please keep batteries away from children.
- If children swallow battery liquid, immediately consult a doctor.
- Make sure to insert the battery correctly matching positive (+) or negative (-) sides in the battery slot.
- Remove the batteries from the remote control if it will not be used for a long period of time to prevent possible battery leakage.
- Old batteries should be put in a specific collection box to prevent environment pollution.

2-5 System Maintenance

Caution

	• Use a soft, dry cloth for cleaning. Do not use water, gasoline, or any type of solvent, such as thinner and benzene, they will cause damage to the player. • Do not spray any type of insecticide on the player.
	• Consult with a qualified technician about its cleaning once a year. When dirty, or consumption by rodents or insects can cause fire or system malfunctions.
	• Before cleaning, turn off the power and disconnect the plug from the electrical outlet. Failure to this may cause electric shock.

FCC Information to User

FCC Part 15.105
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 instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that intereference 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 of 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 in connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Part 15.21
Change or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device."

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

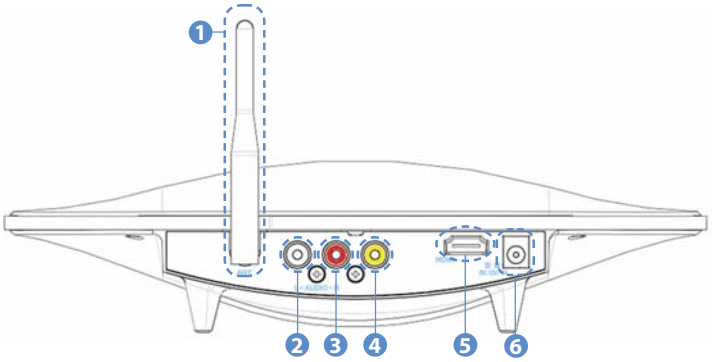
3. Introduction and Set-up

3-1 System overview

KHM 500

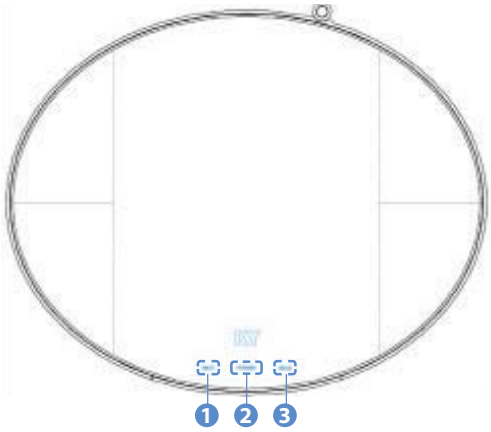
Front

1. USB Port
   Remove rubber cover to connect the USB cord.



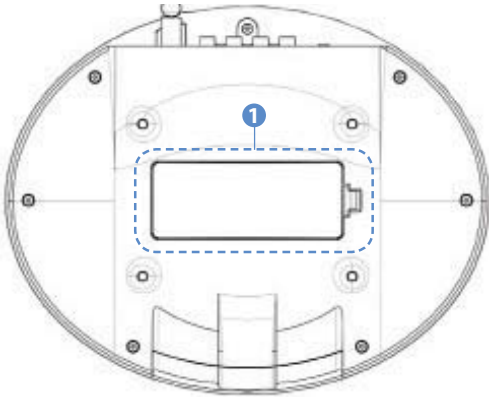
Back

1.Antenna
   Wireless receiver for microphones
2.RCA Left Audio Output Terminal
3.RCA Right Audio Output Terminal
4.RCA Video Output Terminal
5.HDMI Output Terminal
   Alternative to RCA input.
   Connect to TVs with HDMI support.
6.DC IN
   Connection for power adaptor



Top

1. Wireless Microphone 1 Indicator
   Lights up when MIC 1 is connected
2. Power Indicator
   Lights up when the KHM500 is in power standby mode.
3. Wireless Microphone 2 Indicator
   Lights up when MIC 2 is connected.



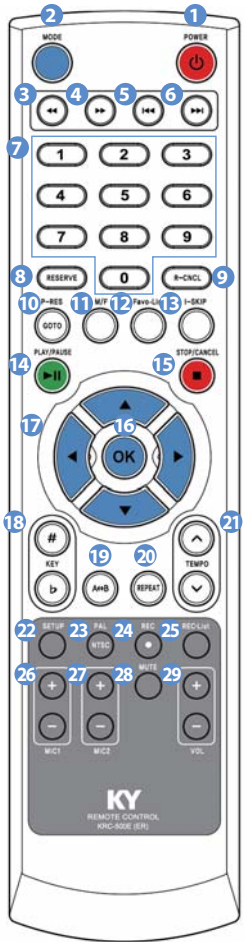
Bottom

1. Song Pack Cover
   Open to insert more song packs to add songs.

Wireless Microphone

BUTTON	FUNCTION
POWER POWER	Turns on and of the KHM500's power
SETUP SETUP	Press to enter the "Setup" Menu
	Hold to exit from each mode and return back to the "Mode Selection" menu.
ARROWS	Use [▲], [▶], [◀], or [▼] buttons to navigate through song list or to move other menus
	While a song is being played in karaoke mode, use the [▲] button to increase or the [▼] button to decrease a song's key level
	While a song is being played in karaoke mode, use the [▶] button to increase or the [◀] button to decrease a song's tempo
OK OK	Press to play selected songs or to save adjusted setting level.
− + VOLUME	Adjusts MIC's volume
1 2 3 4 5 6 7 8 9 0 0-9	Use to enter song numbers or time
START START	Play or Pause a song
STOP STOP	Stops a song or exits menu
RES RESERVE	Reserve a song for karaoke mode
R-CNCL RESERVE CANCEL	Cancels reserved songs

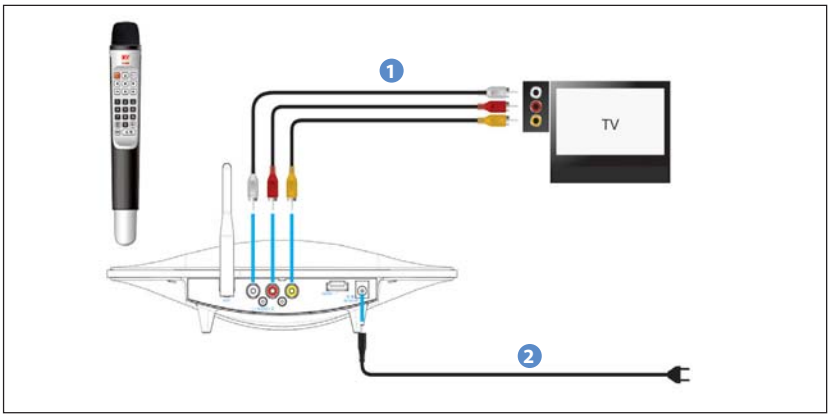
Remote Control



BUTTON	FUNCTION
1. POWER	Turns on and of the KHM500's power
2. MODE	"Mode selection" menu or Exit
3. REWIND	Rewind through a track
4. FAST FORWARD	Fast Forward through a track
5. PREVIOUS	Move to the previous track
6. NEXT	Move to the next track
7. 0-9	Number Selection
8. RESERVE	Reserve songs (pg. 27)
9. R-CNCL	Cancels reserved songs (pg. 28)
10. P-RES	Reserves a song ahead of the existing reserved
11. MALE / FEMALE	Converts singer's voice to lower or higher pitch
12. FAVO-LIST	Add a favorite song or view saved favorite songs
13. I-SKIP	Skips the interlude and prelude
14. PLAY/PAUSE	Press to Play, Stop, or Pause a song
15. STOP/CANCEL	Stop songs or exit from menu
16. OK	Play selected song or save an adjusted
17. ARROWS	Navigate through song list or move to other
18. KEY	Press [#] to increase or [b] to decrease key level
19. A<->B	Section repeat
20. REPEAT	Repeat mode
21. TEMPO	Increase or decrease a song's tempo
22. SET UP	Select "Karaoke" or "Multimedia" mode
23. NTSC/PAL	NTSC / PAL TV Mode select
24. REC	Records your voice with songs
25. REC-LIST	Shows a list recorded songs
26. MIC 1	Adjusts Music Volume
27. MIC2	Adjusts MIC 2's volume
28. MUTE	Mutes all sound
29. VOL	Adjusts music volume

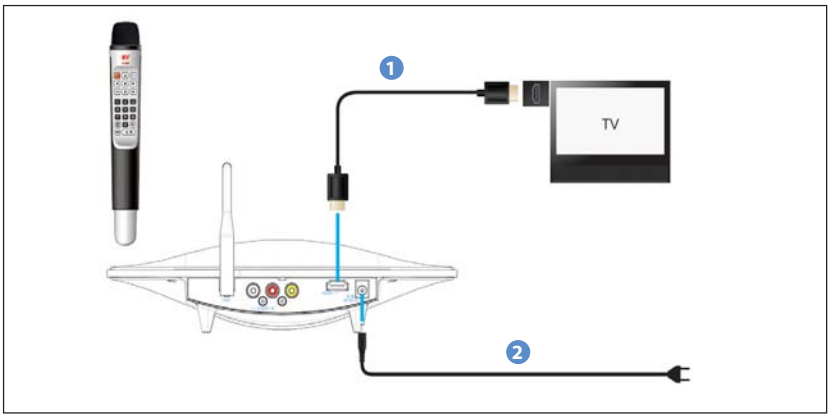
3-2 Setup

Connecting with RCA



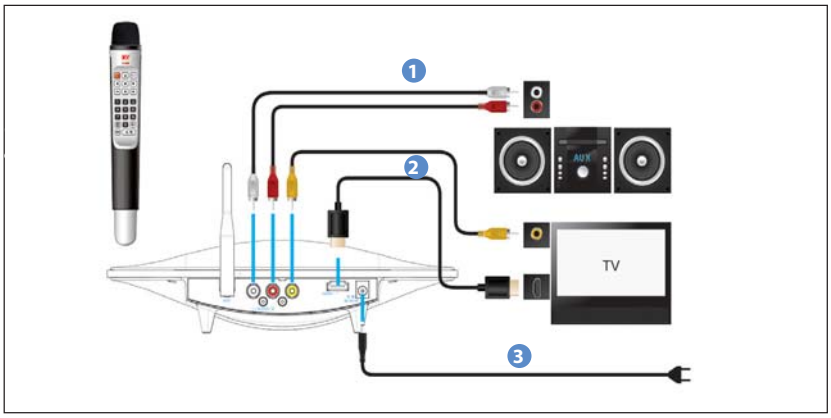
1. With the KHM500 off connect the RCA audio and video cables to the station and the TV matching the terminal colors.
2. Connect the power adaptor to the station.
3. Change the TV input to "AV" mode.
4. Turn on the microphone(s) and station.

Connecting with HDMI



1. With the KHM500 off connect the HDMI cable to the station and the TV.
2. Connect the power adaptor to the KHM500.
3. Change the TV input to "HDMI" mode.
4. Turn on the microphone(s) and station.

Connecting with Audio Systems



1. With the KHM500 off connect the RCA audio cables (red and white) to the station and then to the audio system matching the terminal colors.
2. Connect the RCA video cable (yellow) to the system and TV matching the terminal color. If using HDMI input connect the HDMI cable to the system and TV.
3. Connect the power adaptor to the station.
4. Turn on audio system and change the input mode to "AUX". (You cannot use external speakers if your audio system does not have an "AUX" mode.)
5. Turn the TV on and change the input mode according to the connection used to "AV" or "HDMI".
6. Turn on the microphone(s) and station.

> If the volume level is not satisfactory, please check and turn off the “Automatic Volume Leveling” (AVL / AVC) on your television set.

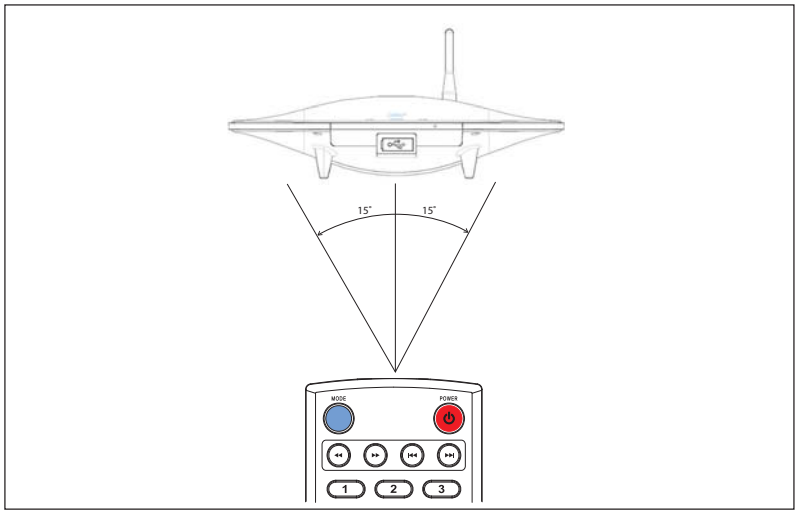
> Using the HDMI connection may cause sound delay. In this case, please connect the RCA audio cables (red and white) to an external stereo system to avoid sound delay.

3-3 Using the Remote Control

◎ The recommended maximum distance of the remote control is within 22 ft (7 m) from the remote control sensor, and the transmission range is within 15 degrees to both sides on the front side of the KHM500.
◎ Operation range may differ upon the lighting level of the room.

Caution

1. Do not shine a bright light on the remote control sensor.
2. Do not place any objects between the remote control and the remote control sensor.
3. Do not use the remote control while using a remote control from another device.



3-4 Connecting the Microphone

1. When a MIC is powered on it automatically connects to the KHM500.
2. A maximum of 2 MICs can be connected to the KHM500 at one time.

Reference

■ If a MIC is inactive for 30 minutes it goes into power-management mode to prevent battery consumption.
■ Press the power button on the MIC to reactivate it.

KMH-500

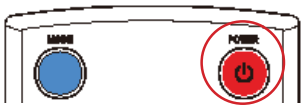
Functions

4. KHM500 Functions

4-1 Karaoke Mode

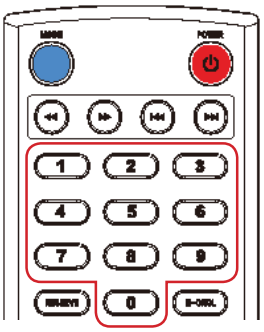
4-1-1 Basic Functions

1) Play / Stop



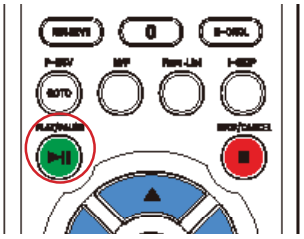
◎ Press **[POWER]** to turn on the system and wait for 10 seconds.
◎ Once loading is completed the system will enter karaoke standby mode.

2) Selecting Songs



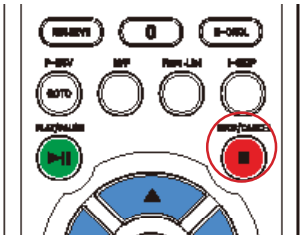
◎ Enter a song number to select a song.

◎ Press **[PLAY/PAUSE]** to start the selected song.



2) Stop/ Cancel

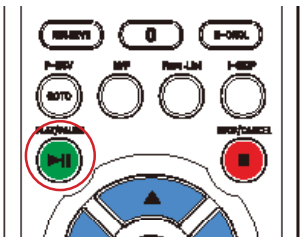
◎ If the wrong song number was selected, press **[STOP/CANCEL]** to return to the karaoke standby mode.



◎ Press **[STOP/ CANCEL]** to stop and cancel a playing song.

3) Pause

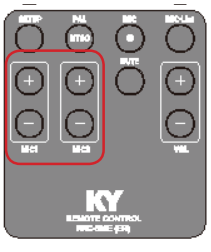
◎ Press **[PLAY/PAUSE]** to pause a playing song.
◎ Press **[PLAY/PAUSE]** once again to resume the song.



4-1-2 Karaoke Functions

1) MIC Volume

◎ To Adjust the volume of MIC 1 or MIC 2 on the remote control press **[+]** to increase or **[-]** to decrease each MIC's volume level.
◎ To adjust MIC volume on the microphone press **[+]** and **[-]**.



2) Key

◎ Press **[#]** to increase a song's key by half step.
◎ Press **[b]** to decrease a song's key by half step.
(Changed key levels will only apply to the song currently being played, and returns to its original key when a new song is played.)

3) Tempo

◎ Press **[+]** to increase a song's tempo.
◎ Press **[-]** to decrease a song's tempo.
(Changed tempo levels will only apply to the current song being. played, and returns to its original key when a new song is played.)

4) M/F (Male/Female voice)

◎ Press **[M/F]** to lower the voice pitch when a male sings a female artist's song, or raise the pitch when a female sings a male artist's song. (The Male/Female voice manipulator only applies to the song currently being played, and returns to its original M/F setting when a new song is played.)

5) Melody

◎ press **[SET UP]** while a song is playing.
◎ "Play mode" will display at the top of the menu screen.
◎ Press [▼] to select "Melody"
◎ Press [◄] or [►] to select the melody type. (Standard, Weak, Pro, Hard)
(The selected melody only will apply to the song current song being played, and returns to the melody when a new song is played.)

6) Mute

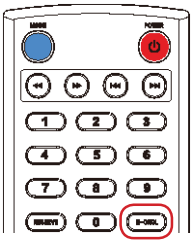
◎ Press **[MUTE]** to stop all sounds and “MUTE” will appear on the screen.
◎ Press **[MUTE]** again to resume all sounds and “MUTE” will disappear.
(Mute will only apply to the song current song being played, and the sound returns when a new song is played.)

7) Reservation

◎ Select or Enter a song number.
◎ Press **[RESERVE]** to reserve the song.
(Once the song is reserved it will be displayed in the list of reserved songs on the screen. You can reserve up to 45 songs.)

8) Cancel Reservation

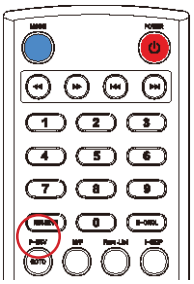
◎ Enter the song number of the song you wish to cancel.
◎ Press **[R-CNCL]** to cancel the selected song.
◎ Press **[R-CNCL]** without selecting a song number to cancel the very last reserved song.



9) Pre-Reservation

Pre-Reservation adds a song to the top of the reserve list.

◎ Enter a song number.
◎ Press **[P-RES]**.



10) Repeat

◎ Press **[REPEAT]** to select the playback mode.
Repeat: Repeat selected song.
Continuous: Play songs in sequential order after playing all reserved songs.
Normal: Return to Karaoke standby after playing all reserved songs.
Random: Play songs randomly after playing all reserved songs.
1-Phrase: Play only the first verse of songs.

11) Volume

◎ Press **[+]** or **[-]** to adjust music volume. (levels 0-20)
◎ Press **[+]** or **[-]** to deactivate the mute.
(If the HDMI connection is being used please use the TV volume to adjust music volume.)

12) Recording

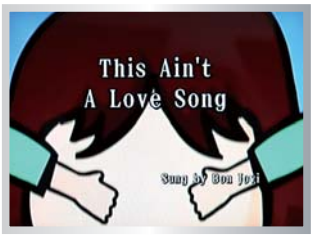
To record and save a performance insert a USB flash drive to the KHM500.

◎ Press **[REC]** to enter recording standby mode.
◎ Select and play a song to start recording.
(Recorded songs will be saved in USB flash drive)
◎ Press **[Stop/Cancel]** button to stop recording.

(You cannot use the “TEMPO, I-SKIP, PAUSE, REPEAT” functions during recording.)

13) Playing Recorded Songs

◎ Connect the USB flash drive containing the recorded songs to KHM500.
◎ Press **[REC-List]** to display the list of recorded songs.
◎ Press **[PLAY/PAUSE]** to play the recorded songs.
◎ Press **[STOP/CANCEL]** to stop and return to the list of recorded songs.



(You cannot use the “TEMPO, I-SKIP, PAUSE, REPEAT” while recorded songs are being played.)

14) Saving Favorite Songs

Save up to 45 of the songs you like to sing the most for faster searches.

◎ Select or enter the song number of your favorite song.
◎ Press **[FAVO-LIST]** to add song to the favorite song list.

15) Viewing Favorite Songs

◎ Press **[FAVO-LIST]** while in karaoke standby to list the favorite songs.
◎ Use [▲], [►], [◄], or [▼] to move to the songs you wish to play.
◎ Press **[PLAY/PAUSE]** to play your favorite songs.

16) Deleting Favorite Songs

◎ Press **[Favo-List]** while in karaoke standby to list the favorite songs.
◎ Use [▲], [►], [◄], or [▼] to move to the songs you wish to delete.
◎ Press **[R-CNCL]** to delete the selected favorite song.

17) MIC Battery Display

A battery status icon will appear on-screen indicating the battery life of the microphones.

◎ Press **[+]** or **[-]** on the remote control or MIC

Caution

■ If there is a Low Battery status is displayed on the right-hand side of the screen, please insert new batteries.

4-1-3 Special Karaoke functions

1) Last Song Searched

◎ Press [▲], [►], [◄], or [▼] while in karaoke standby to display the last searched song.

2) Last Song Played

◎ Press **[OK]** while in karaoke standby to display the last song played.

3) Song search by Page

◎ Press [◄] or [►] to view the song list by page. (displaying 8 songs on each page)

4) Set up Mode

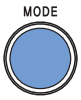
◎ Press **[SET UP]** while in karaoke standby to enter the “Set up (Configuration)” menu.
◎ Select and change options using [▲], [►], [◄], or [▼].
◎ Press **[OK]** to save a changed value.
◎ Press **[STOP/CANCEL]** or **[SET UP]** to exit.

Background	Select Image or Video for the karaoke mode background.
Lyric	Display lyric lines on TV screen.
Echo Level	Adjust MIC’s echo.
Min Disp. Score	Minimum score to display at the end of songs.
R.T Score	Display scores in real time.
TV TYPE	NTSC/PAL. (If an incorrect TV format is selected the system’s video may not display properly.)
Language	Language for system messages.
Default Mode	Restore system to factory settings.
F/W Update	Updates system software.

> All system settings are saved only when the system is shut down properly.

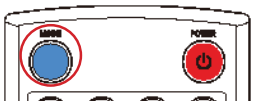
4-2 Multimedia

4-2-1 Modes



Karaoke: Sing karaoke songs from the system memory or song packs.
MP3: Listen to MP3 songs from a USB flash drive.
Movie: Play videos from a USB flash drive.
Image: View image s from USB flash drive. (static or slideshow)

◎ In karaoke standby mode press **[MODE]** to enter the “Multimedia” menu.
◎ Select a mode then press **[OK]**.



4-2-2 MP3 Mode

Please create a “MP3” folder on the USB flash drive and save MP3 songs into “MP3” folder.
In “MP3” mode MP3 files stored on the USB flash drive in the “MP3” folder will be listed.

1) Playing MP3s

◎ Select an MP3 file using [▲], [►], [◄], or [▼].
◎ Press **[PLAY/PAUSE]** to play a MP3 song.

2) Pause

◎ Press **[PLAY/PAUSE]** to pause a playing song.
◎ Press **[PLAY/PAUSE]** once again to resume the song.

3) Rewind and Fast Forward

◎ Press [◄◄] to rewind an MP3 song.
◎ [►►] to fast forward an MP3 song.
(Rewind and fast forward up to 8 speeds.)

4) A-B Section Repeat

◎ While an MP3 is playing press **[A<->B]** at the first section you wish to repeat, “A-” will display on the screen.
◎ Press **[A<->B]** once again at the end of the section you wish to repeat, “A-B” will display on the screen and the selection will repeat.
◎ To cancel the section repeat press **[A<->B]** again.

5) GOTO

◎ Press **[GOTO]** during MP3 play to display the “Time setup” box.
◎ Enter the time (hour/minute/second) by using **[0]-[9]** buttons.
◎ Press **[OK]** to play the song from the entered time.
◎ To cancel “Time setup” press **[STOP/CANCEL]**.
(If there is no input within 5 seconds of pressing **[GOTO]**, the function will automatically cancel.)

6) Previous and Next

◎ Press [►►|] to go to the next MP3 Song.
◎ Pressing [|◄◄] within 10 seconds from the start of a song the previous song will be played.
◎ Pressing [|◄◄] after 10 seconds from the start of a song will restart the current song.

7) Saving Song Location

◎ Press **[MODE]** while an MP3 is playing to stop “MP3” mode.
◎ In the “Multimedia” menu select “MP3” and the song will play from where it was stopped.
(When you remove the USB flash drive or turn off and on the system, the saved song location will be erased.)

8) Mute

◎ Press **[MUTE]** during MP3 play to mute all sound.
◎ Adjust the volume to cancel “Mute”.

4-2-3 Video Mode

Please create a “Video” folder on the USB flash drive and save Video files into “Video” folder.
In “Video” mode video files stored on the USB flash drive in the “video” folder will be listed.

1) Playing Videos

◎ Select a video file using [▲], [►], [◄], or [▼].
◎ Press **[PLAY/PAUSE]** to play a video.

2) Pause

◎ Press **[PLAY/PAUSE]** while a video is playing to pause.
◎ Press **[PLAY/PAUSE]** once again to resume the video.

3) Rewind and Fast Forward

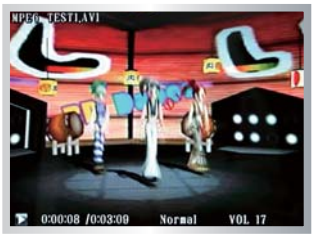
◎ Press [◄◄] to rewind a video.
◎ Press [►►] to fast forward a video.
(Rewind and fast forward up to 32 speeds.)

4) Repeat Section

◎ While a video is playing press **[A<->B]** at the first section you wish to repeat, “A-” will display on the screen.
◎ Press **[A<->B]** once again at the end of the section you wish to repeat, “A-B” will display on the screen and the selection will repeat.
◎ To cancel the section repeat press **[A<->B]** again.

5) GOTO

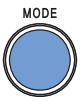
◎ Press **[GOTO]** during video play to display the “Time set-up” box.
◎ Enter the time (hour/minute/second) by using **[0]-[9]** buttons.
◎ Press **[OK]** to play the song.
◎ To cancel “Time setup” press **[STOP/CANCEL]**.
(If there is no input within 5 seconds of pressing **[GOTO]**, the function will automatically cancel.)



6) Next Video, Previous Video

◎ Press [►►|] to go to the next Video.
◎ Pressing [|◄◄] within 10 seconds from the start of a video the previous video will be played.
◎ Pressing [|◄◄] after 10 seconds from the start of a video will restart the current video.

7) Saving location of Video play



◎ Press **[MODE]** while a video is playing to stop “Video” mode.
◎ In the “Multimedia” menu select “Video” and the video will play from where it was stopped.
(When you remove the USB flash drive or turn off and on the system, the saved video location will be erased.)

8) Mute

◎ Press **[MUTE]** while a video is playing to mute all sound
◎ Adjust the volume to cancel “Mute”.

4-2-4 Image Mode

Please create a “jpeg” folder on the USB flash drive and save Image files into “jpeg” folder.
In “Image” mode image files stored on the USB flash drive in the “jpeg” folder will be listed.

1) Viewing Images

◎ Select an image file using [▲], [►], [◄], or [▼].
◎ Press **[PLAY/PAUSE]** to view the image.

2) Pause

◎ Press **[PLAY/PAUSE]** to pause a slideshow.
◎ Press **[PLAY/PAUSE]** once again to resume the slideshow.

3) Next and Previous Image

◎ Press [|◄◄] or [►►|] to stop the slideshow.
◎ Press [|◄◄] to view the previous image.
◎ Press [►►|] to view the next image.

4-2-5 Multimedia Mode Setup Menu

◎ Press **[SET UP]** in “MP3” “Video” or “Image” mode for the “Set Up” menu.
◎ Select and change options using [▲], [►], [◄], or [▼].
◎ Press **[OK]** to save a changed value.

Setup Menu Options

Play	Playback mode. (Normal, Repeat 1,or DIR Repeat.)
Menu View Time	Message display duration during “MP3” and “Video” mode. (Continue, 3 sec, 5 sec, 10 sec, or 30 sec.)
Slide	Slideshow or static image. (Enable or Disable.)

>All system settings are saved only when the system is shut down properly.

5. Miscellaneous

5-1 System Update

To get updates for your system download the latest KHM500 software from www.kumyoung.net

◎ Save the update software to your USB flash drive.
◎ Connect the USB flash drive to the KHM500.
◎ Select “Set up → System Update”.
◎ Press **[OK]** to update the system software.

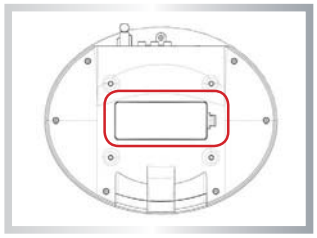
When the update is complete the KHM500 will automatically reboo.
(The update may take up to 10 minutes depending on the software’s file size.)

CAUTION ■ Do not remove USB flash drive while the system is updating.

◎ All system settings are saved only when the system is shut down properly.

5-2 Installing Song Packs

1. Turn off the KHM500's power.
2. Open the song pack cover. (located on the bottom of the KHM500.)
3. Insert a song pack into an empty slot.
4. After closing the song pack cover turn on the system.



Song Pack

CAUTION

■ Only insert song packs while the KHM500 is turned off.
(If a song pack is inserted while the KHM500 is powered on it may cause damage to the system.)

5-3 Converting to HDMI or CVA Mode

1. Go to the “Mode Selection” menu.
2. Select your TV’s external video input channel (Video or HDMI).
3. Connect either the RCA or HDMI cable to the TV.
   (please see section 3-2 on how to setup the system with RCA or HDMI.)
4. Press **[SET UP]** to convert between HDMI and CVA.
   (HDMI mode is only supported for TVs with HDMI input.)

6. Bundle Software

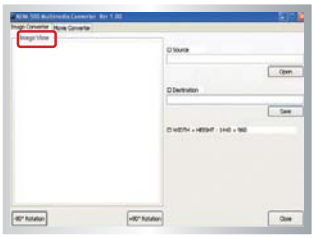
6-1 KHM500 Multimedia

The KHM500 Multimedia converter enables you to use your own images or videos as background for “Karaoke” and “MP3” modes.

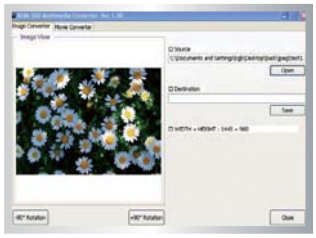
1) Visit www.kumyoung.net and download the “KHM500 Multimedia Converter” file to your computer.
2) Run the “Setup.exe” file after decompressing downloaded file.

6-2 Image Background

1) Open the “KHM500 Multimedia Converter” program and select “Image converter”.
2) Click the “Open” button to select the image you wish to use as a background.



3) Once an image is selected click the “Open” button and the selected image will be displayed on the left window pane.
   > Rotate photos by clicking the “-90 rotation” and “+90 rotation” buttons.
4) Click the “Save” button, then name the file with a “.kbj” extension. If the image is not saved with a “.kbj” extension the image will not be recognized by the system. E.G. (image-name.kbj)
5) Once the file name is entered click “Save” to start converting the file.



6) When the file is saved a “Converting is complete” pop window will appear.

7) Next save the converted file on a USB flash drive in the folder “/user/jpeg”.
> The “jpeg” folder should be inside of the “user” folder. If the “/user/jpeg” folder does not exist on the USB flash drive you may create this folder.

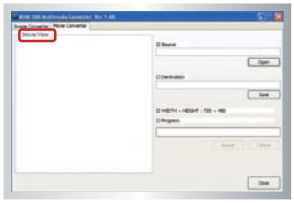
WARNING

■ Please note that if the same file name exists on the USB flash drive, it may be overwritten.

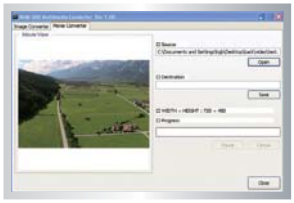
8) Connect the USB flash drive to the KHM500 and turn the power on.
9) Select “Set up” → “Background screen” → “Image”.
10) Exit the “Set up” menu and the image files from the USB drive will display on the background.
> If there are no converted files in the USB flash drive’s “/user/jpeg/” folder the default images loaded in KHM500 will be displayed.
> It may take a few seconds for the system to recognize converted files depending on the type of USB flash drive.

6-3 Video Background

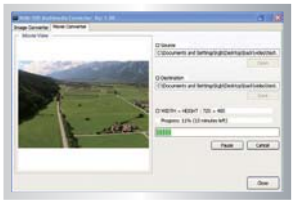
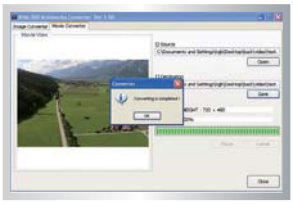
1) Open the “KHM500 Multimedia Converter” program and select “Image converter”.
2) Click the “Open” button to select the image you wish to use as a background.



3) Once a video is selected click the “Open” button and the selected image will be displayed on the left window pane.
4) Click the “Save” button, then name the file with a “.kbm” extension. If the image is not saved with a “.kbm” extension the image will not be recognized by the system E.G. (video-name.kbm)
5) Once the file name is entered click “Save” to start converting the file.
6) When the file is saved a “Converting is complete” pop window will appear.



> If the “Pause” button is clicked while the video is converting, the converting process is paused. Clicking the “Resume” button continues conversion.
> If “Cancel” is clicked during converting, the converting is cancelled and the file will be erased.

7) Next save the converted file on a USB flash drive in the folder “/user/video”.

> The “video” folder should be inside of the “user” folder. If the “/user/video” folder does not exist on the USB flash drive you may create this folder.

WARNING

■ Please note that if the same file name exists on the USB flash drive, it may be overwritten.

8) Connect the USB flash drive to the KHM500 and turn the power on.

9) Select “Set up” → “Background screen” → “Video”.

10) Exit the “Set up” menu and the video files from the USB drive will display on the background.

> If there are no converted files in the USB flash drive’s “/user/video/” folder the default videos loaded in KHM500 will be displayed.

> It may take a few seconds for the system to recognize converted files depending on the type of USB flash drive.

7. Quick Troubleshooting

In some cases of the system's performance is not normal please follow the troubleshooting steps below before contacting a service center.

Symptoms (Troubles)	Troubleshooting Solution
No power	• Connect the power adaptor
No video	• Reconnect the RCA video or HDMI cable to the KHM500 and TV • Check the video input channel • Change the systems video format to NTSC or PAL to match your TV's format
No Audio	• Reconnect the RCA audio cable to the TV or external audio system • Check if the player or TV is on mute • Check the player and TV volume level
Remote control is not working	• Reinsert batteries to align with battery slot poles • Check battery life or change the batteries • Move any objects between the KHM500 and remote • Point the remote directly at the KHM500 sensor and operate within 22 feet(7m)
Wireless microphone is not working	• Reinsert batteries to align with battery slot poles • Check battery life or change the batteries • Check if the KHM500's wireless channel • Press [Power] to exit power-management mode
Screen is frozen	**Restart the system:** • Press [Power] or disconnect the adaptor • Reboot the system

8. Product Specifications

General		
Model	**Station**	KHM500R
	Microphone	KHM500T
Karaoke Type		Wireless Karaoke, Multimedia Player
Dimemsions	**Station**	10 (W) x 2.4 (L) x 8 (H) in.
	Microphone	1.7 (W) x 1.8 (L) x 11.6 (H) in.
Weight	**Station**	1 lb.(435g)
	Microphone	0.6 lb (265g) without batteries
Wireless Range		22 ft. (7m)
Multimedia Support		
MP3		Below 320 Kbps
Video		H.264 / MPEG4 Resolution: 1080 x 720 Frame Rate: 30fps Bit Rate: 10Mbps (Some video files may not play depending on its format)
Image		Base Line JPEG, below 5M Pixel
Storage/Memory		
Built in songs		5,000 +
Song Chip Slots		6
Recording		up to 1,000 Minutes (USB Flash Drive)
USB		Size Support: 1 GB + USB 2.0 High Speed (Host)
Video		
Output		1Vp-p (75 [delta symbol]
HDMI		HDMI 1.3
Audio		
Output		2 Channel
Power		
Adaptor Rated voltage		DC 9V / 3A
Power Consumption		5W
Battery		4x AA / 2x AAA

9. Product Warranty

Thank you for purchasing a MicroKY product. MicroKY warrants this purchased karaoke system and accessories provided with your karaoke system (hereinafter refered to as "Product"). This Product is warranted against defective materials and workmanship under general industry standards from the date of purchase by a customer and for a period of one (1) year for labor and parts. If warranty service is needed for your Product, please contact the dealer it was purchased from or MicroKY's authorized repair center or visit MicroKY.com for more information.

If, while under warranty, this Product does not operate normally due to defects in materials and workmanship MicroKY authorized distributors or service centers, in the country/region where the product was purchased, will, at their option, repair the Product at no charge, using new or refurbished replacement parts in accordance with the terms and conditions set forth herein.

Shipping expenses may or may not apply to customer depending on the region. MicroKY and its service partners reserves the right to charge a handling fee if a returned Product is found not to be under warranty according the conditions below. Replacement parts are warranted for the balance of the original applicable warranty period.

Please note that some of your personal settings, and files such as images or videos may be lost when your MicroKY Product is repaired or replaced. Presently MicroKY may be prevented by applicable law, other regulation or technical restrictions from making a backup copy of certain files. MicroKY does not take any responsibility for any lost files of any kind and will not reimburse you for any such loss. You should always make backup copies of all files stored on your MicroKY Product before sending in your MicroKY Product for repair or replacement.

Terms and Conditions

1. To obtain warranty protection please return the completed warranty card with a description of the problem, specifying the date of purchase, Product's and model number, with proof of purchase (Tax invoice/receipt) issued by a MicroKY authorized dealer, with the product to be repaired or replaced. MicroKY reserves the right to refuse warranty service if this information has been removed or altered after the original purchase of the Product from the dealer. Notice of the alleged defects must be promptly given upon discovery.
2. To ensure that you are covered by the warranty, you should only use MicroKY parts and components such as adaptors, cables provided during installation.
3. This warranty will not be extended beyond the initial warranty period. Purchasers can still obtain repair service through MicroKY authorized service centers however charges may apply.
4. All returned products must be properly packaged and it is recommended that they be sent via a method that provides for tracking of the package. It is recommended that shipments be insured where possible. The customer assumes all responsibility for any product that is lost or damaged in transit.
5. This warranty becomes voided under the following conditions:
   a. Damage resulting from customer or 3rd party, intentional or accidental, negligence or misuse including spillage of food / liquid substances, battery leakage, improper use of electrical supply and voltage, abuse, alteration, modification, improper testing (operation, installation), tampering or failure of the purchaser to follow normal operating procedures described in the user's manual.

b. Product subjected to unauthorized disassembles and / or repairs which adversary affect the performance of the product.
c. Scratches and damages to the outer surface areas and externally exposed parts that are due to normal customer use.
d. Claims for damaged / missing parts or accessory after 3 days from the original date of goods received.
e. Product which has its serial number removed or altered or made illegible.
f. Warranty cards which have been altered, defaced or erased in any manner whatsoever.
g. Any service charges that are not covered by this warranty will be billed to customer at time of repair.
h. Do not dissemble the parts of the Product. This will void the warranty.
i. Our decision on all questions with respect to complaints as a result of defects, either materials or workmanship, shall be conclusive.
j. Warranty cards which have been altered, defaced or erased in any manner whatsoever.

6. Any service charges that are not covered by this warranty will be billed to customer at time of repair.
7. Do not dissemble the parts of the Product. This will void the warranty.
8. Our decision on all questions with respect to complaints as a result of defects, either materials or workmanship, shall be conclusive.

MICROKY

Warranty Card

Thank you for purchasing a MicroKY product. This product has passed rigorous quality assurance testing. If a manufacturing defect occurs within the one (1) year warranty period, the store or agency the product was purchased from will repair it. Please contact the dealer it was purchased from.

To obtain warranty protection please complete this warranty card below and return it with card with a description of proof of purchase (Tax invoice/receipt) issued by a MicroKY authorized dealer with your product.

1.The customer may bear expenses under one of the following circumstances:

- The one (1) year warranty period has passed
- When damages have been caused by the user's negligence
- Warranty card is not presented
- Important information omitted from warranty card
- Proof of purchase is not presented with warranty card

Customer Information

Full Name	
Address	
City	
State / Zip	
Telephone	Ext.
Email	

Product Infromation

Purchased From	
Date of Sale	
Product Name	Duostar / Wireless Portable Karaoke
Model No.	KHM500
Manufactuing No.	

Prior problems must be entered prior to selling the product.

MICROKY

MicroKY Co., Ltd
401 Hempstead Turnpike / West Hempstead, NY 11552

Customer Service and Sales
866.GO.KAROAKE (866-465-2726) / microky.com