

www.onkeysongs.com

onkey

karaokevideomaker

CHOOSE THE SONGS YOU WANT!



INSTRUCTION MANUAL

On-Key Karaoke® is a registered trademark of IVL Technologies Ltd.
US Patents: 4,688,464 / 5,301,259 / 5,231,671 / 5,428,708 / 5,567,901 / 5,641,926 / 5,986,198
SUP0170



IMPORTANT SAFETY INSTRUCTIONS: READ AND SAVE THESE INSTRUCTIONS

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 8) Use only the attachments/accessories specified by the manufacturer.
- 9) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 10) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Notes

FCC STATEMENT

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 the receiver.
 - Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- Do not connect the VideoMaker to projection TVs (TVs that use projection screens instead of cathode ray tubes) because this may cause screen discoloration.
 - Input cable is not a toy. Adult set-up and supervision is required.
 - Be sure to grasp the plastic jack casing when disconnecting the audio / video cable. Do not pull on the cables to disconnect.
- To Avoid Battery Leakage:
- Always insert batteries correctly, and follow the battery manufacturer's instructions.
 - Do not mix different battery types or old batteries with new ones.
 - Always remove weak or dead batteries from the product.
 - Remove batteries before extended storage.

This Class B digital apparatus complies with Canadian ICES-003.

The technology in this product is protected by the following United States patents:

4,688,464 / 5,301,259 / 5,231,671 / 5,428,708 / 5,567,901 / 5,641,926 / 5,986,198

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Customer Support

If you encounter a problem that you cannot resolve using this guide, you may contact our toll free customer support line.

If you are experiencing difficulties with additional song downloads or website access please have the following information ready before calling customer support:

1 - Description of the problem.

What is the problem? Are you able to access the website? Can you purchase songs? Were you able to install the Karaoke Manager software on your computer? Can you get songs from your web account?

2 - The Operating System of your computer.

Windows: The "operating system" is the version of Windows you use. Right click on "My Computer" and select "Properties." A window will display your system information. You'll need Windows 98 Second Edition™ or later.

Mac: Under the "Apple" icon, choose "About my computer." You'll need OS 9.0 or higher.

3 - Your email address.

4 - Internet connection type.

How do you connect to the internet? Do you use a telephone line, ADSL, or cable?

1-866-RU ONKEY (1-866-786-6539)

Troubleshooting - FAQ

I can't hear my voice over the music / I can't hear the music over my voice.

Use the volume wheel on the VideoMaker Remote to change the volume of your voice in relation to the music. Use the up and down buttons to change the volume of the music while the song is playing.

The VideoMaker isn't picking up my voice.

Adjust the headset so the mic is closer to your mouth. This way the microphone will pick up your voice and not other sounds.

I'm getting squealing/feedback.

The mic is too close to your speakers. Move away from the speakers.

Can I only purchase songs with a credit card?

Yes, www.onkeysongs.com accepts MasterCard™, VISA™ and VISA Check Card™.

I've changed my email address, can I still buy songs?

Yes. Logon to www.onkeysongs.com, edit your account and update your email address information.

Included Items

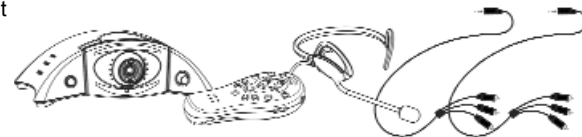
Welcome

Congratulations on your purchase of the On-Key Karaoke™ VideoMaker. This product contains much of the same industry-leading vocal transformation and audio processing technology you would typically only find in high-end professional recording studios.

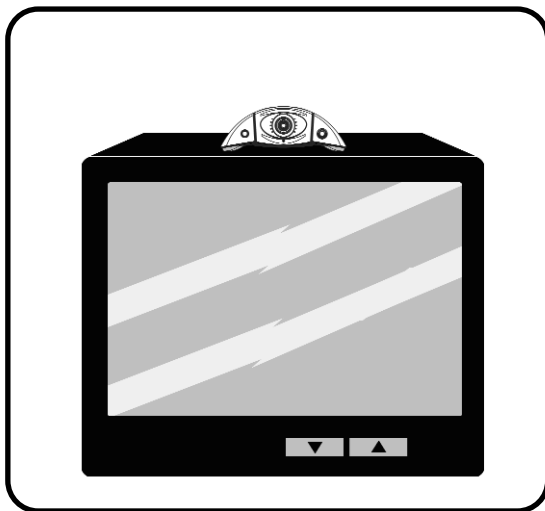
With the ability to output your karaoke performances to a VCR for easy recording, the On-Key Karaoke™ VideoMaker is the most feature-rich karaoke product on the market, and will provide you, your friends, and family with hundreds of hours of enjoyment!

Package Includes:

- On-Key Karaoke™ VideoMaker unit
- Wireless remote control
- Headset microphone
- A/C adaptor
- 2 A/V cables
- USB cable
- User manual
- Song voucher



Getting Started - Placement



A Note on Placement

We recommend you set up your Karaoke VideoMaker on a clean, stable, and flat surface.

Do not prop the VideoMaker on its side or on an unstable footing.

Troubleshooting - FAQ

We've compiled the following list of frequently asked questions and answers to help you in case you run into difficulties. An updated list of frequently asked questions can be found on the website, www.onkeysongs.com.

I've connected my VideoMaker to the input of my TV, and turned on the TV, but nothing happens.
You have to set your TV to receive Aux Input. Connect and turn on your VideoMaker on then press the "Input" or "Aux" button on your TV or its remote control until the VideoMaker screen is displayed on your TV. If your remote control does not have either of these buttons, you may find the Aux input select by turning the channel below channel 2. Please refer to the instructions that came with your TV.

When I go to the website I keep getting sent back to the profile page, even though I've entered my profile already.

Make sure your VideoMaker is turned on and connected to your computer using the USB cable. Ensure that your internet browser (Microsoft Internet Explorer™ or Netscape Navigator™) has cookies enabled. To enable cookies, refer to your browser's "Help" section and search for "cookies".

The VideoMaker has stopped working.

You may have lost radio connection between the remote and VideoMaker. Try changing the RF channel or moving closer to the VideoMaker. If the problem persists, you may need to replace the batteries in the remote.

The volume (both music and voice) is too loud/soft.

Use the volume control on your TV to change the overall volume.

Adding More Songs



Adding More Songs

Visit www.onkeysongs.com and choose the songs you want!

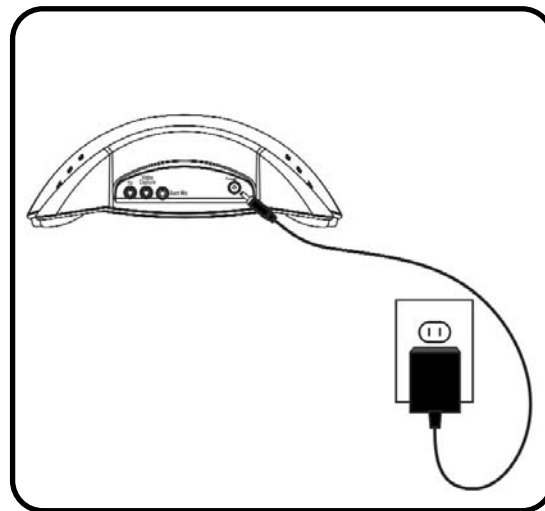
Refer to the website for instructions on purchasing and downloading songs.

Song Cartridges

VideoMaker is compatible with previously purchased On-Key Karaoke™ song cartridges. Simply insert the cartridge into the slot on the top of VideoMaker. Use the Left and Right arrow buttons to navigate to the cartridge song list.



Getting Started - Power Source



Set-top Box

Simply insert the plug from your power supply into the socket marked 'Power' on the back of VideoMaker. Insert the regular power plug end into a wall socket. When you press the 'Power' button located on the front face of VideoMaker, a small red LED located just under the camera lens will light up.

Note: Use only the power supply that came with your Karaoke Videomaker.

Getting Started - Sleep Mode

Sleep Feature

VideoMaker is equipped with a Sleep feature, designed to protect your TV from 'burn in', which can occur when one image is displayed for extended periods of time. If VideoMaker is inactive for more than two minutes, it will go into 'sleep' mode and a screensaver will appear on your TV. To turn VideoMaker back on, simply press any key on the Wireless Remote Control. The Wireless Remote Control also has a Sleep feature. If the Remote is not used for more than eight minutes, it will power down and the 'Power' LED will turn off. Like VideoMaker, the Wireless Remote Control can be brought back online by pressing any button, assuming the unit is receiving power (i.e. the unit has not stopped working because the batteries are dead).

Auto Shutdown Feature

VideoMaker is equipped with an Automatic Shutdown feature. If VideoMaker is inactive for more than twelve minutes, it will automatically shut down and the 'Power' LED will turn off. To turn VideoMaker back on, simply press the 'Power' button.

Playing Recorded Video

Playing Recorded Video

To play back recorded videos, simply return your VCR to the standard settings you would use when watching videos.

This might include switching your TV set from auxiliary input mode (used for VideoMaker) to whatever channel you would normally use for watching videos (typically Channel 3, but varies depending on your TV and VCR).

For more information, consult your VCR manual.

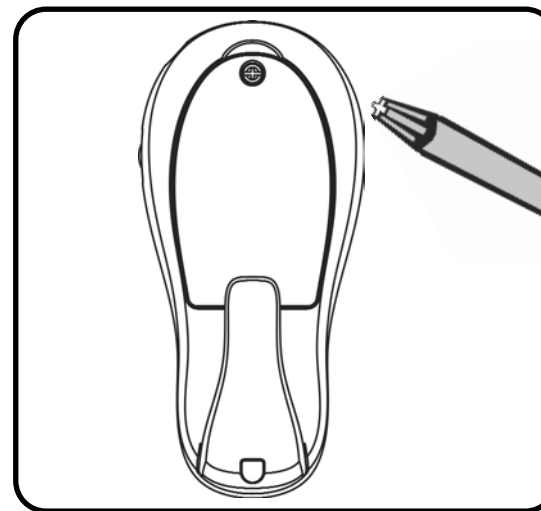
Recording Video

Recording Video, cont'd

- 1) Plug the mini-jack end of one of the included A/V cables into the socket marked 'Video Capture' at the back of your VideoMaker unit.
- 2) Plug the other colour-coded ends into the appropriate sockets on your VCR, being careful to match the plug colours with the corresponding sockets (yellow is video input, red and white are audio inputs).
- 3) Turn on your VCR and make sure it is tuned to the channel you would normally use to watch movies.
- 4) Insert a blank video tape into your VCR.
- 5) Press the 'Record' button when you want to begin recording your performance.

Your performance will be recorded without the lyrics bar and effects icons shown on your TV.

Getting Started - Remote Setup



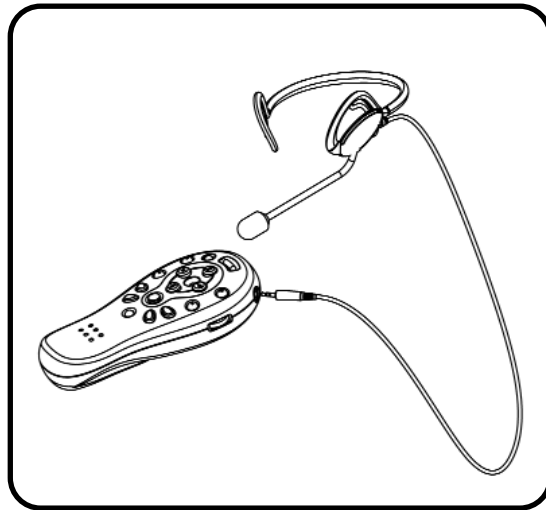
Remote and Head Set

The Wireless Remote Control allows you to control all the features and functions of your VideoMaker from a distance, giving you maximum freedom to move while enjoying your karaoke experience. Also, the Headset Microphone allows you to sing while leaving your hands free. The Wireless Remote Control and Headset Microphone have a range of up to 30 feet (9 meters), so you can dance and move freely without concerning yourself with long cables.

In order to set up the Wireless Remote Control and the Headset Microphone, carry out the following steps:

- 1) Take the Wireless Remote Control in your hand. Note the small battery panel on the back of the unit.
- 2) Use a Philips or flat-head screwdriver to remove the screw holding the panel in place.

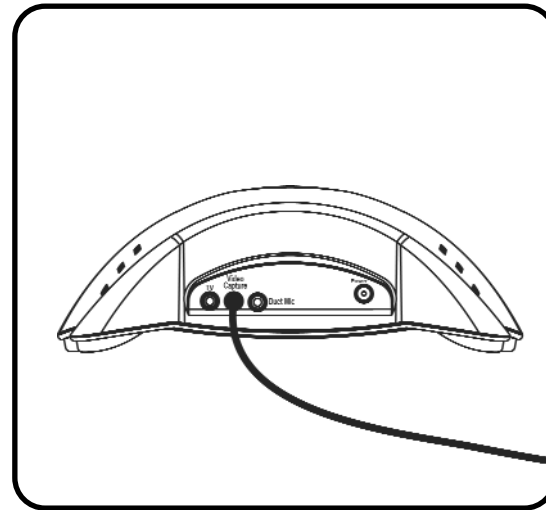
Getting Started - Remote Setup



Remote Setup, cont'd

- 3) Insert three (3) 'AAA' cells (not included) into the unit. Ensure their polarity (note positive and negative terminals) is correct by installing them according to the panel diagram.
- 4) Note the small plug at the end of the Headset cable. Insert this small plug into the socket marked 'MIC' on the Wireless Remote Control.
- 5) Place the Headset on your head, positioning it so it fits comfortably. Bend the microphone boom so that it is positioned within 1 inch (2.5cm) of your mouth.
- 6) Press the 'Power' button on the Wireless Remote Control. A small LED light will illuminate.

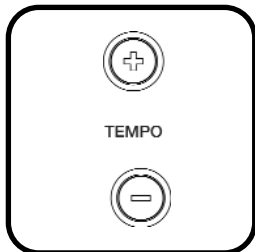
Recording Video



Recording Video

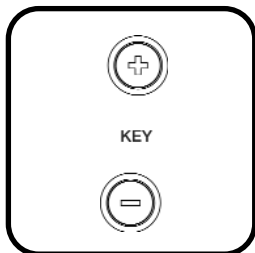
VideoMaker lets you output the video source you see on your TV while performing to a VCR, so you can record all your favourite karaoke moments, from parties to karaoke contests to audition tapes. To record your video, ensure you have properly connected VideoMaker to your VCR. Note the Audio/Video cable 1/8th inch jack must be plugged into the 'Video Capture' socket located on the back of VideoMaker, otherwise you will not be able to record your performance.

Features - Key and Tempo



Tempo (speed of the music)

Press the + and - Tempo buttons to change the speed of the music you are singing along to.



Key (pitch of the music)

Press the + and - Key buttons to change the pitch of the music you are singing along to.

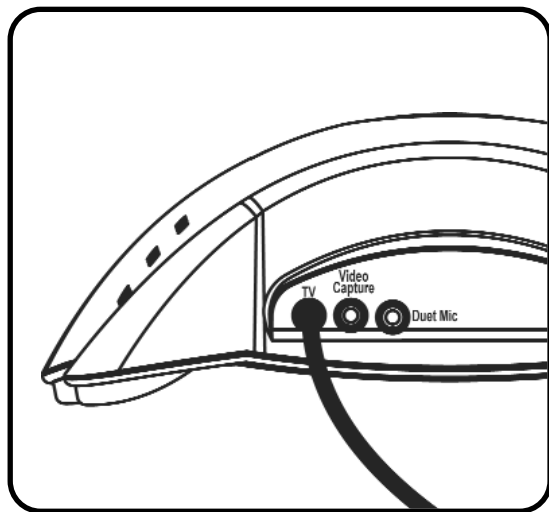
Getting Started - Remote Setup

You should now be able to control all VideoMaker's functions from the convenient belt-pack Wireless Remote Control. You can sing into the Headset microphone, allowing you complete freedom of movement.

Tip! Ensure the microphone is within 1 inch (2.5 cm) of your mouth for best performance.

Note: the VideoMaker set-top box and the Wireless Remote Control have separate, independent power sources. Both must be powered on before you can use VideoMaker.

Getting Started - TV Connection



Connecting to a TV

In order to use your VideoMaker, you must connect it to a TV set by carrying out the following steps:

1) Take one set of A/V cables (included in the VideoMaker package). Notice that one end has a small mini-jack black connector plug, and the other end has three colour-coded RCA plugs (one yellow, one red, and one white). Connect the black plug to your VideoMaker by inserting it into the socket marked 'TV' on the back of VideoMaker.

Features - Harmony

Harmony

Certain song titles are listed with the icon shown here next to them. These songs have harmony parts. A second voice is automatically added to your own at the appropriate parts in the song. To activate the harmony effect press the button shown here. This button also activates the duet effects. Press this button repeatedly to move through the options.



Features - Accompaniment

Duet

The duet effect adds a second voice to your own. You'll sound like you're singing along with the partner of your choice. Press this button repeatedly to move through the options shown here.



Female Duet

Copies your voice and raises the pitch. The higher voice is then added to your own to make you sound like you're singing with a female partner.



Male Duet

Copies your voice and lowers the pitch. The lower voice is added to your own to make you sound like you're singing with a male partner.



Alien Duet

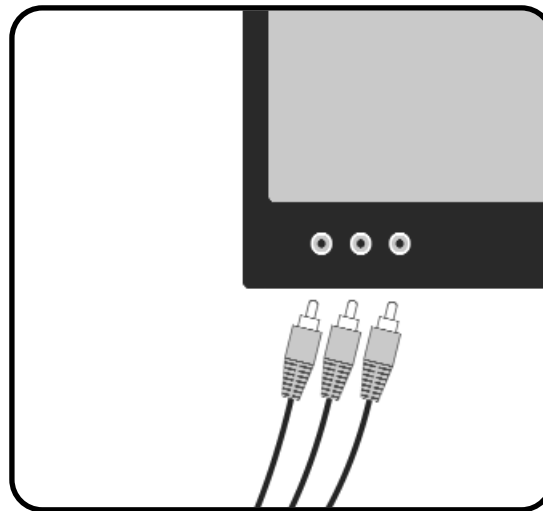
Adds the alien version of your voice to your own to make you sound like you're singing with an alien.

Getting Started - TV Connection

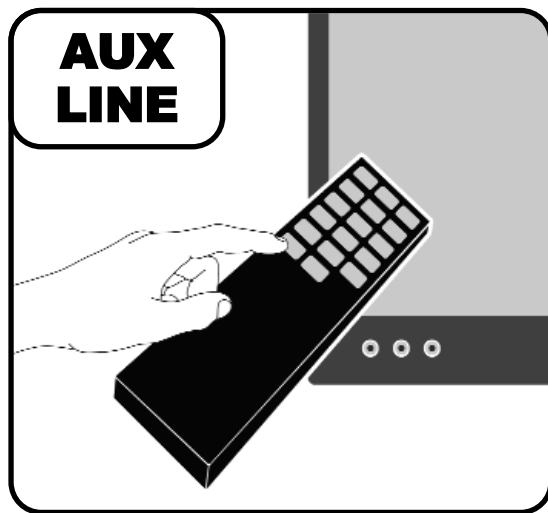
Connecting to a TV, cont'd

2) Connect the three coloured plugs to their corresponding sockets on your television. If you have a stereo TV, these plugs will be located either in the front or back panel of your television. Make sure you insert the yellow plug into the yellow socket (video input), and the red and white plugs into the corresponding red and white sockets (left and right audio inputs).

Note: If you have a mono television, carry out step 2 but only connect one of the two audio plugs to your audio input socket. If using a mono television, it does not matter which of the two audio plugs (red or white) you connect to your TV's audio input.



Getting Started - TV Connection



Connection to a TV, cont'd

3) Using your TV remote, switch to the auxiliary input setting. Depending on your TV, you may be able to do this by pressing the 'A/V' button on your remote. This button may also be called 'LINE', 'AUX', or 'INPUT'. Refer to your TV owner's manual for clarification.

Features - Spatial Effects

Spatial Effects

Press this button to activate spatial effects. Spatial effects change the "room" you are singing in by changing the virtual space around your voice. You can sound like you're singing in the shower or yodeling in the Grand Canyon. These icons are displayed in the upper right hand corner of your TV screen. Press this button repeatedly to move through the options shown here.



Bathroom

Sing in the shower without getting wet.



Stage

No lineups, no tickets - you're the star!



Hall

Echoes like a mansion.



Stadium

The sound of a huge arena.



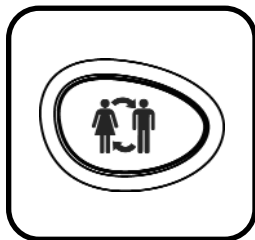
Mountain

Practice your yodel.

Features - Voice Shifting

Transform Button

Press this button to sound like someone else. Press this button repeatedly to move through the options shown here.



Male

Lowers the pitch and changes the timbre of your voice. This effect sounds great on kids' voices too!



Female

Raises the pitch and changes the timber of your voice. Reach those high notes you never thought you could!



Alien

Disguise your voice to sound like a visitor from another world!



Techno

The same cool effect used in some of today's most popular songs.

Getting Started - Video Setup

Video Setup

Your On-Key Karaoke™ VideoMaker is equipped with an advanced camera that automatically adjusts for various lighting conditions.

Distance

The camera is also pre-focused at the factory, optimized for use at a 6-10 foot (2-3 metre) distance from wherever VideoMaker is located.

Focus

There is a plastic ring around the camera lens that you can rotate to adjust the camera focus.

Tilting/Turning

The camera is articulated on a lens mount that can be tilted up or down to achieve the desired camera angle. Lateral adjustment can be achieved by simply turning the VideoMaker set-top box left or right.

Getting Started - Video Setup

Video Setup, cont'd

Tips

To ensure you get the most out of your On-Key Karaoke™ VideoMaker product, please keep the following operating tips in mind:

Try not to sing while standing in front of a bright light source. Just like when taking photographs, strong backlighting will degrade the visual quality of your video.

Do not touch the camera lens. The lens is protected by an anti-reflective coating, and can be easily damaged or scratched. If you must clean the camera lens, use a soft lens-cleaning cloth such as one you would use on a camera or eye-glasses.

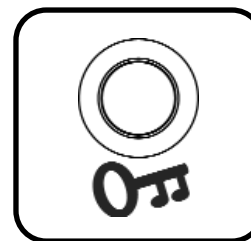
For best results, ensure you use your VideoMaker in a well-lit area.

Make sure you place your VideoMaker in a secure location where it will not be damaged. Recommended locations include on top of or next to your television set.

Features - On-Key Pitch

On-Key Button

Press the On-Key button to activate automatic pitch correction. Your voice will sound perfect! Press this button repeatedly to move through the options shown here.



On-Key Pitch Correction

The pitch of your voice is automatically corrected to match the melody line in the song.



Scoring Function

This option allows you to score your singing performance. A numeric score appears on the screen while you are singing. Your score goes up or down depending on how well you sing. Your singing is rated according to the accuracy of your pitch and timing. This function is great for singing contests with your friends!



Combination Pitch Correction and Scoring

This option allows you to use the scoring function while pitch correction is activated. Your performance is scored based on how you actually sing, but the sound you hear from the speakers is corrected.

On-Key Karaoke™ Technology

On-Key™ Technology

Your On-Key Karaoke™ VideoMaker is unique in the consumer karaoke market, thanks to its powerful, patented On-Key technology. On-Key technology has been developed during twenty years of research and development at IVL Technologies, and was formerly only available in very expensive, professional quality sound studio equipment.

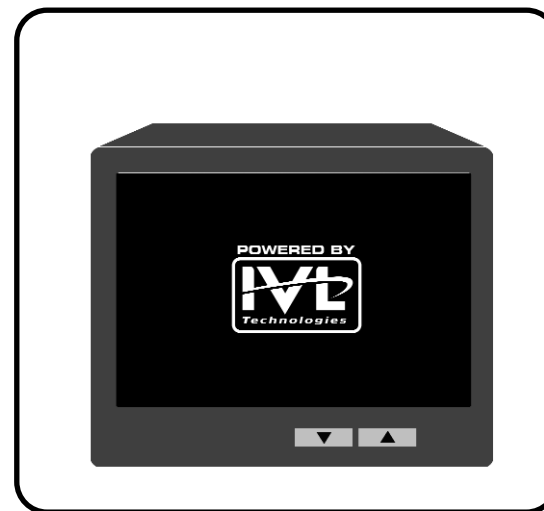
IVL's On-Key technology uses specialized Digital Signal Processing to apply vocal transformations to your voice, in real time. It is this technology that powers the On-Key Karaoke VideoMaker's special features, including Pitch Correction, Scoring, Harmony, Spatial Effects, Voice-shifting, and much, much more.

The specific features made possible through On-Key technology will be outlined in detail through the following sections.

Getting Started - Opening Screens

Opening Screens

If you have not already done so, turn on your television. Then press the 'Power' button on the On-Key Karaoke™ VideoMaker, as well as on the Wireless Remote Control. You should now see VideoMaker's start-up screen, and hear an audio jingle. If you do not, please go over previous Getting Started sections again. If you still do not see VideoMaker's output on your TV screen, refer to the Troubleshooting section at the end of this user manual.



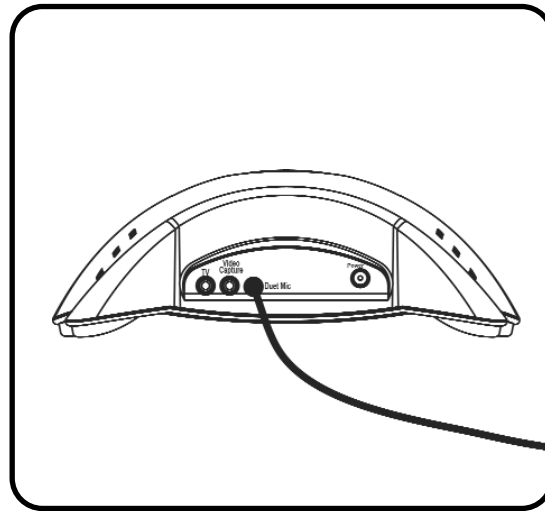
Getting Started - Opening Screens



Opening Screens, cont'd

A selection menu will appear, offering you the option between Stereo and Mono outputs. Use the left and right arrow buttons on the Wireless Remote Control to select between the two output types. If you have plugged the VideoMaker into a stereo TV or VCR, select the Stereo option. If you have plugged the VideoMaker into a mono TV or VCR, select the Mono option. You are now ready to use your On-Key Karaoke™ VideoMaker. Please take the time to read through the rest of this user manual to familiarize yourself with the important features and functionality of your VideoMaker.

Connecting a Second Microphone



Connecting a Second Microphone

The VideoMaker offers two microphone inputs, perfect for when you want to sing karaoke duets with a friend. Simply plug a second microphone (sold separately) into the 'Duet Mic' jack located at the back of VideoMaker. Any Spatial Effects you apply to the Headset Microphone will also be applied to the second microphone. If you want to raise or lower the duet microphone's volume level, simply use the 'Duet Mic Volume' control knob located on the front of VideoMaker.

Unit Diagram - Remote

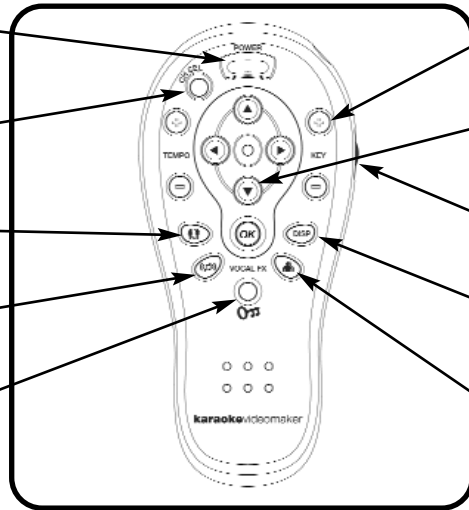
Power Button
Press to turn power on or off.
Note the LED will light up indicating the power is on.

Channel Selection
ButtonSelect between one of two wireless channels if signal gives off static or interference.

Voice Shifting
Cycle through the Vocal Transformation options.

Spatial Effects
Cycle through the range of Spatial Effects.

On-Key Button
Cycle through Pitch Correction and Scoring features.



Tempo and Key Controls
Raise or lower the tempo (speed) or the key of the song you are singing.

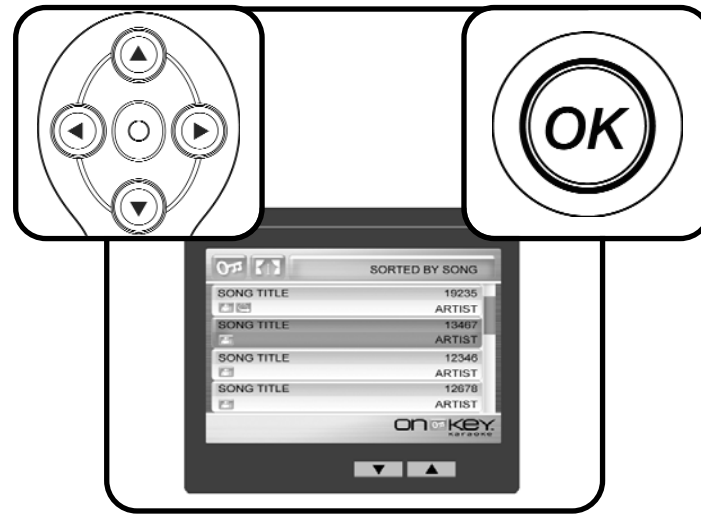
Up and Down Buttons
Move through the song list or raise and lower music volume during song play.

Volume Control Wheel
Raise or lower the Headset Microphone volume level.

Display Button
Toggle between the split-screen VideoMaker overlay and full-screen video.

Accompaniment
Cycle through Duet and Harmony features.

Getting Started - Song Select



Selecting a Song

Use the left and right arrow buttons to move through the different song select playlists. Use the up and down arrow buttons to move through the song list. A quick press and release of the up and down buttons will move the selector up or down one song. Holding the up or down button will move the selector faster through the song list. Press OK to begin playback of the selected song. Press OK again during song play to return to the song select screen.

Getting Started - Song Play



Song Play

After pressing OK, your selected song will begin to play. Lyrics are displayed on the TV and highlighted to indicate when they should be sung. You can pause and resume song play by pressing the right arrow button. Press OK to return to the song select screen.

Unit Diagram - VideoMaker

