



# Safety Instructions



## CAUTION RISK OF SHOCK



CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Only refer servicing to qualified service personnel.

## Explanation of Graphical Symbols



The lightning flash & arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of danger.



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.

## WARNING

To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture.

**1. Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.

**2. Retain Instructions** - The safety and operating instructions should be retained for future reference.

**3. Heed Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.

**4. Follow Instructions** - All operating and use instructions should be followed.

**5. Attachments** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.

**6. Water and Moisture** - Do not use this unit near water. For example, near a bathtub or in a wet basement and the like.

**7. Carts and Stands** - The appliance should be used only with a cart or stand that is recommended by the manufacturer.

**7 A.** An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause an overturn.



**8. Ventilation** - The appliance should be situated so its location does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation slots.

**9. Heat** - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

**10. Power Sources** - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

**11. Grounding or Polarization** - Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

**12. Power-Cord Protection** - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

**13. Cleaning** - Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

**14. Power lines** - An outdoor antenna should be located away from power lines.

**15. Nonuse Periods** - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

**16. Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

**17. Damage Requiring Service** - The appliance should be serviced by qualified service personnel when:

- A. The power supply cord or plug has been damaged; or
- B. Objects have fallen into the appliance; or
- C. The appliance has been exposed to rain; or
- D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
- E. The appliance has been dropped, or the enclosure damaged.

**18. Servicing** - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

### Note:

To CATV system installer's (U.S.A.): This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected as close to the point of cable entry as practical.

# FCC INFORMATION (U.S.A.)

## 1. IMPORTANT NOTICE: DO NOT MODIFY THIS

**UNIT!:** This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Vocopro may void your authority, granted by the FCC, to use this product.

**2. IMPORTANT:** When connecting this product to accessories and/or another product use only high quality shielded cables. Cable(s) supplied with this product **MUST** be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the U.S.A.

**3. NOTE:** This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurances that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the owner's manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "Off" and "On", please try to eliminate the problem by using one of the following measures:

Relocate either this product or the device that is being affected by the interference.

Use power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter(s).

In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300-ohm ribbon lead, change the lead-in to coaxial type cable.

If these corrective measures do not produce satisfactory results, please contact your local retailer authorized to distribute Vocopro products. If you can not locate the appropriate retailer, please contact Vocopro, 1728 Curtiss Court, La Verne, CA 91750.

## CAUTION:

### READ THIS BEFORE OPERATING YOUR UNIT

1. To ensure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.
2. Install your unit in a cool, dry, clean place - away from windows, heat sources, and too much vibration, dust, moisture or cold. Avoid sources of hum (transformers, v motors). To prevent fire or electrical shock, do not expose to rain and water.
3. Do not operate the unit upside-down.
4. Never open the cabinet. If a foreign object drops into the set, contact your dealer.
5. Place the unit in a location with adequate air circulation. Do not interfere with its proper ventilation; this will cause the internal temperature to rise and may result in a failure.
6. Do not use force on switches, knobs or cords. When moving the unit, first turn the unit off. Then gently disconnect the power plug and the cords connecting to other equipment. Never pull the cord itself.
7. Do not attempt to clean the unit with chemical solvents: this might damage the finish. Use a clean, dry cloth.
8. Be sure to read the "Troubleshooting" section on common operating errors before concluding that your unit is faulty.
9. This unit consumes a fair amount of power even when the power switch is turned off. We recommend that you unplug the power cord from the wall outlet if the unit is not going to be used for a long time. This will save electricity and help prevent fire hazards. To disconnect the cord, pull it out by grasping the plug. Never pull the cord itself.
10. To prevent lightning damage, pull out the power cord and remove the antenna cable during an electrical storm.
11. The general digital signals may interfere with other equipment such as tuners or receivers. Move the system farther away from such equipment if interference is observed.

## NOTE:

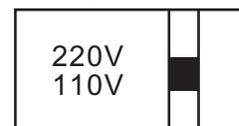
Please check the copyright laws in your country before recording from records, compact discs, radio, etc. Recording of copyrighted material may infringe copyright laws.

## CAUTION

The apparatus is not disconnected from the AC power source so long as it is connected to the wall outlet, even if the apparatus itself is turned off. To fully insure that the apparatus is indeed fully void of residual power, leave unit disconnected from the AC outlet for at least fifteen seconds.

## Voltage Selector (General Model Only)

Be sure to position the voltage selector to match the voltage of your local power lines before installing the unit.





**Welcome...**



And Thank you for purchasing the **GIG MAN** from VocoPro, your ultimate choice in Karaoke entertainment! With years of experience in the music entertainment business, VocoPro is a leading manufacturer of Karaoke equipment, and has been providing patrons of bars, churches, schools, clubs and individual consumers the opportunity to sound like a star with full-scale club models, in-home systems and mobile units. All our products offer solid performance and sound reliability, and to further strengthen our commitment to customer satisfaction, we have customer service and technical support professionals ready to assist you with your needs. We have provided some contact information for you below.

**VocoPro**

1728 Curtiss Court  
La Verne, CA 91750  
**Toll Free: 800-678-5348**  
TEL: 909-593-8893  
FAX: 909-593-8890

**VocoPro Company Email Directory**

**Customer Service & General Information**

info@vocopro.com

**Tech Support**

techsupport@vocopro.com

**Remember Our Website**

Be sure to visit the VocoPro website **www.vocopro.com** for the latest information on new products, packages and promos. And while you're there don't forget to check out our Club VocoPro for Karaoke news and events, chat rooms, club directories and even a KJ Service directory!

We look forward to hearing you sound like a PRO, with VocoPro, your ultimate choice in Karaoke entertainment.

**FOR YOUR RECORDS**

Please record the model number and serial number below, for easy reference, in case of loss or theft. These numbers are located on the rear panel of the unit. Space is also provided for other relevant information

**Model Number** \_\_\_\_\_

**Serial Number** \_\_\_\_\_

**Date of Purchase** \_\_\_\_\_

**Place of Purchase** \_\_\_\_\_



# GIG MAN

All-in-One Digital Karaoke/Jam-Along System

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## Specifications

### AC INPUT VOLTAGE:

115V / 230V

### AUDIO OUTPUT POWER:

50W+50W TOTAL (PEAK TO PEAK) THD=10%

### AV1 AV2 AV3 AUDIO INPUT SENSITIVITY:

300mV

### VIDEO INPUT SENSITIVITY:

1V

### MIC INPUT SENSITIVITY:

8mV

### KEYBOARD / GUITAR INPUT SENSITIVITY:

8mV

### VIDEO OUTPUT LEVEL:

1V (PEAK TO PEAK)

### AUDIO OUTPUT LEVEL:

500mV

### S/N RATIO:

60dB



**VocoPro**

ULTIMATE CHOICE OF KARAOKE ENTERTAINMENT



# Listening For A Lifetime

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. VocoPro and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing 'comfort level' adapts to a higher volume of sound. So what sounds 'normal' can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

## To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

## Once you have established a comfortable sound level:

- Set the dial and leave it there.
- Pay attention to the different levels in various recordings.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

## Some common decibel ranges:

Level	Example
30	Quiet library, Soft whispers
40	Living room, Refrigerator, Bedroom away from traffic
50	Light traffic, Normal conversation
60	Air conditioner at 20 ft., Sewing machine
70	Vacuum cleaner, Hair dryer, Noisy Restaurant
80	Average city traffic, Garbage disposals, Alarm clock at 2 ft.

## The following noises can be dangerous under constant exposure:

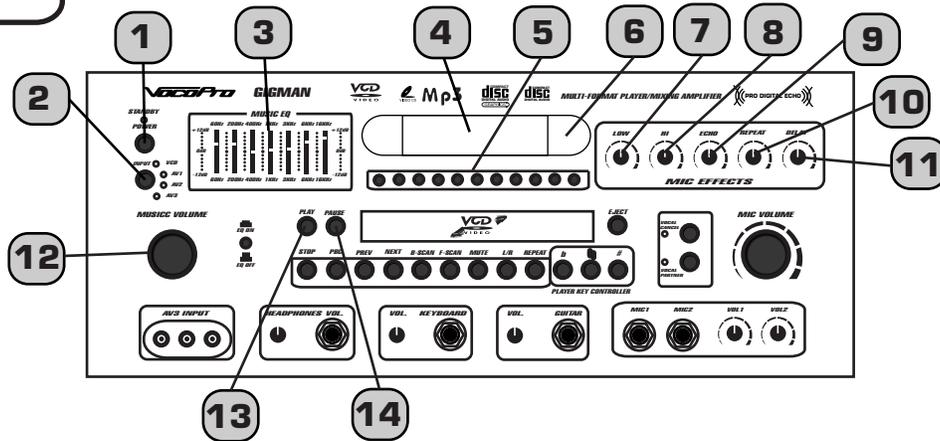
Level	Example
90	Subway, Motorcycle, Truck traffic, Lawn mower
100	Garbage truck, Chainsaw, Pneumatics drill
120	Rock band concert in front of speakers
140	Gunshot blast, Jet plane
180	Rocket launching pad

-Information courtesy of the Deafness Research Foundation



# Front Panel Description and Functions

## Front Panel

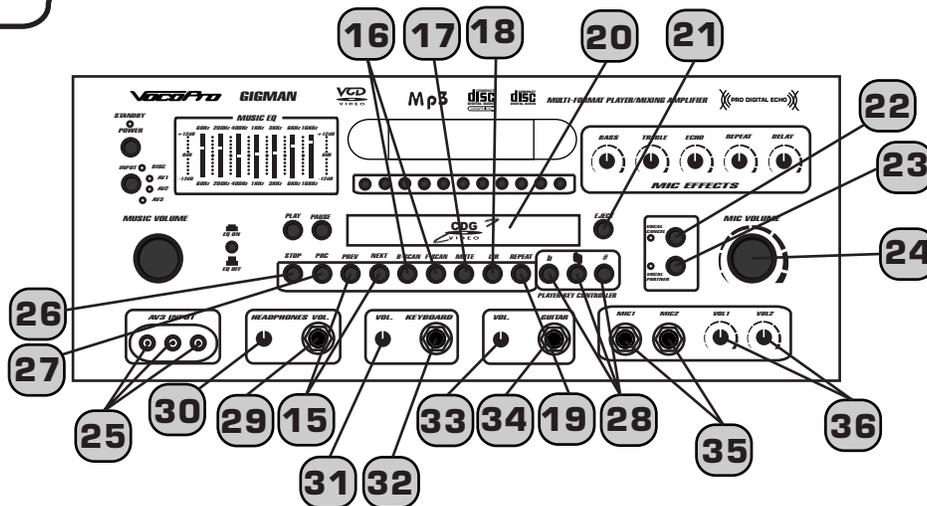


1. **POWER** button - This button is used to turn the GIG MAN 'ON' or place it in STANDBY mode. *NOTE: When in STANDBY mode, the GIG MAN is not completely powered down and still contains residual power.*
2. **INPUT** button - This button toggles through all the INPUT channels (VCD, AV 1/2/3) for available INPUT SOURCES.
3. **7-BAND GRAPHIC EQ** - This GRAPHIC EQ is used to BOOST and/or CUT particular frequencies from SOURCE MUSIC output. Each slide fader processes a particular frequency range indicated by the number above it. Frequencies from 30Hz - 120Hz constitute the very low to low range. Frequencies from 120Hz to 1kHz are the mid-range and frequencies from 1kHz to 16kHz make up the high to very high range. To adjust, slide the fader up to boost the frequency presence or down to cut the frequency presence.
4. **GRAPHIC DISPLAY** panel - This panel displays all graphical information regarding system operations, settings and performance.
5. **DIRECT TRACK ACCESS** buttons - These buttons allow for DIRECT TRACK selection. For tracks 10 and up, press the +10 button. For example, to go directly to track 13, you would press +10 and 3, and for track 22, you would press +10, +10 and 2.
6. **REMOTE SENSOR** - This sensor receives infrared signals transmitted by the REMOTE CONTROL transmitter. *NOTE: Obstacles located between the remote control and remote sensor should be avoided as they can prevent signal recognition.*
7. **LOW** control - This control increases/decreases the amount of LOW frequency response applied to the MASTER VOLUME output.
8. **HI** control - This control increases/decreases the amount of HIGH frequency response applied to the MASTER VOLUME output.
9. **ECHO LEVEL** control - This control adjusts the level of ECHO applied to the MIC channels. Turn control clockwise to INCREASE and counter-clockwise to DECREASE level.
10. **REPEAT** control - Use this control to adjust the REPEAT setting of the ECHO effect. As REPEAT adjusts the total number of echo intervals prior to fade-out, the more REPEAT that is applied, the more ECHO intervals will occur prior to fade-out. Turn control clockwise to INCREASE and counter-clockwise to DECREASE level.
11. **DELAY** control - Use this control to adjust the DELAY setting of the ECHO effect. As DELAY adjusts the total begin-to-end length of each echo interval, the more DELAY that is applied, the longer each ECHO interval will take to complete. Turn control clockwise to INCREASE and counter-clockwise to DECREASE level.
12. **MUSIC VOL.** control - This control increases/decreases the MUSIC VOLUME level. Turn clockwise to increase MUSIC VOLUME and counter-clockwise to decrease the MUSIC VOLUME.
13. **PLAY** button - This button is used to initiate disc PLAYBACK.
14. **PAUSE** button - This button is used to PAUSE disc PLAYBACK.



# Front Panel Description and Functions cont...

## Front Panel



15. **PREV / NEXT** buttons - These buttons are used to either go back to a PREVIOUS track or advance the NEXT track on a disc during playback.
16. **B-SCAN / F-SCAN** buttons - These buttons are used to SCAN either BACKWARD or FORWARD through tracks on a disc during playback. *NOTE: Using the B-SCAN and F-SCAN buttons during the playback of a CDG disc while performing Karaoke is not recommended as it will cause the onscreen lyrics to scramble.*
17. **MUTE** button - Press this button to SILENCE audio playback. Press a second time to return to audio playback.
18. **AUDIO** button - This button will cycle between **three** AUDIO PLAYBACK MODES: STEREO, LEFT/LEFT and RIGHT/RIGHT. In STEREO mode, audio playback is standard L/R audio. In L/L mode, the right channel is removed and replaced with a duplicate left channel. In R/R mode, the left channel is removed and replaced with a duplicate right channel.
19. **REPEAT** button - Press once to access the REPEAT selection window, press twice to select TRACK REPEAT mode and press a third time to select DISC REPEAT mode.
20. **DISC** tray - This tray is used for inserting and removing discs. The DISC TRAY is operated with the EJECT button.
21. **EJECT** button - This button is used to OPEN/CLOSE the DISC tray.
22. **VOCAL CANCEL** button - This feature is used to cancel out the lead vocal layer on a multiplex format CD+G or VCD disc. In order for this feature to work, the disc must be multiplex formatted. To activate, press the VOCAL CANCEL button once to remove the lead vocal layer. Press a second time, and the lead vocal layer will be reestablished. *NOTE: If you try to utilize this feature while a standard or non-multiplex disc is playing, it will not work as this feature is designed to work with multiplex discs only.*
23. **VOCAL PARTNER** button - This feature acts very similar to the vocal cancel feature, but with an added voice activation feature that acts like a vocal "auto-pilot". When you enable the VOCAL PARTNER feature, the lead vocal layer will be removed as long as you are singing into the microphone. When you stop singing into the microphone, the lead vocal layer will automatically be added back into the music. To activate VOCAL PARTNER, press button once. To remove VOCAL PARTNER, press a second time. *NOTE: If you try to utilize this feature while a standard or non-multiplex disc is playing, it will not work as this feature is designed to work with multiplex discs only.*
24. **MIC VOLUME** control - This control is the Master MIC VOLUME level for all microphone output. Turn clockwise to increase and counter-clockwise to decrease.
25. **AV3 INPUT** jacks (RCA) - These jacks are for connecting AUDIO/VIDEO OUTPUT from an external AV SOURCE. Connect an RCA-style AV cable (R, W, Y) from these jacks to the AV OUTPUT jacks on your external AV device.

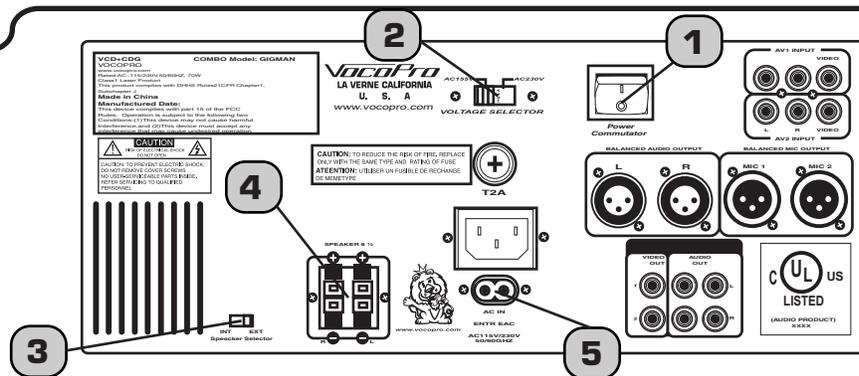


# Front Panel Description and Functions cont...

26. **STOP** button - This button is used to STOP disc PLAYBACK.
27. **PBC** button - The PBC (play back control) button toggles the PBC mode ON/OFF. When in PBC mode, you can use direct access to tracks/scenes by using the NUMBER PAD on the REMOTE CONTROL. This feature is used primarily with VCD, MP3 and PHOTO-CD discs. NOTE: Not all discs have PBC support coding. Check to make sure a disc has PBC support before trying to use the feature. Pressing the PBC button during the playback of a track/scene will cause the playback to stop and restart.
28. **DIGITAL KEY CONTROL** buttons - These buttons direct the DIGITAL KEY CONTROLLER to either raise, lower or reset the musical key of audio from the built-in multi-format disc player.
- # - Raises the musical key a half-step each time it is pressed.
  - ↵ - Resets the musical key to it's original key.
  - b - Lowers the musical key a half-step each time it is pressed.
29. **HEADPHONES** jack - This jack is used to connect HEADPHONES equipped with a 1/4" plug.
30. **HEADPHONES VOLUME** control - This control is used to set the VOLUME for the HEADPHONES.
31. **KEYBOARD VOLUME** control - This controls is used to set the VOLUME level for a KEYBOARD connected to the KEYBOARD INPUT JACK.
32. **KEYBOARD** input - This input is used to connect a KEYBOARD device via a 1/4" output cable.
33. **GUITAR VOLUME** control - This controls is used to set the VOLUME level for GUITAR connected to the GUITAR INPUT JACK.
34. **GUITAR** input - This input is used to connect a GUITAR via a 1/4" guitar cable.
35. **MIC INPUTS 1, 2** - These inputs are for connecting MICROPHONES with a 1/4" plug. NOTE: Both the XLR (rear panel) and 1/4" inputs cannot be used simultaneously for any given mic channel.
36. **MIC 1 / 2 VOLUME** controls - These controls adjust the VOLUME levels of MIC channels 1 and 2 individually. Turn controls clockwise to INCREASE and counter-clockwise to DECREASE.

# Rear Panel Description and Functions

## Rear Panel

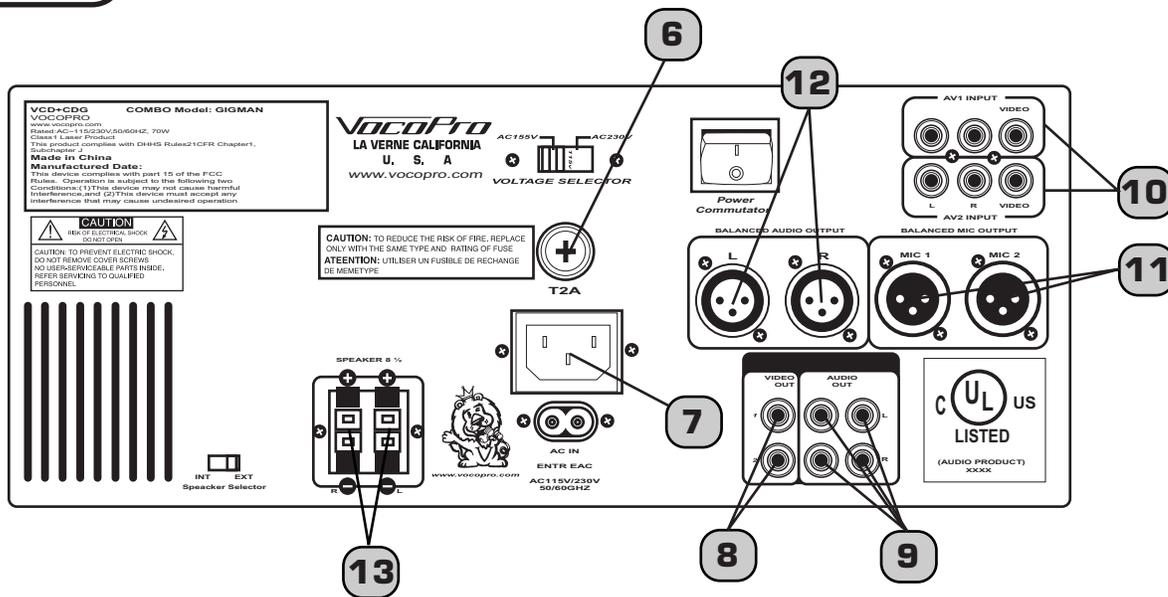


1. **POWER** switch - This switch turns the GIG MAN's MAIN POWER ON/OFF.
2. **VOLTAGE** selector - This selector toggles between 110-120V and 220-240V power settings. **Please ensure this toggle is set to the correct position, matching the receiving AC outlets power supply before plugging it in and operating it. Doing so may cause severe damage to the unit and void your product warranty.**
3. **INTERNAL/EXTERNAL SPEAKER** selector - This selector toggles the GIG MAN's master output to be played through either the BUILT-IN speakers or EXTERNAL speakers connected to the EXTERNAL SPEAKER CONNECTORS. NOTE: You cannot playback from both INTERNAL and EXTERNAL speakers simultaneously.
4. **EXTERNAL SPEAKER** connectors - These connectors are for connecting EXTERNAL SPEAKERS to be used for playback instead of the BUILT-IN SPEAKERS. NOTE: Only connect one 8-ohms rated speaker to each speaker connector.
5. **AC-IN** terminal - Connect AC MAIN POWER CORD from the wall outlet to this terminal.



# Rear Panel Description and Functions cont...

## Rear Panel

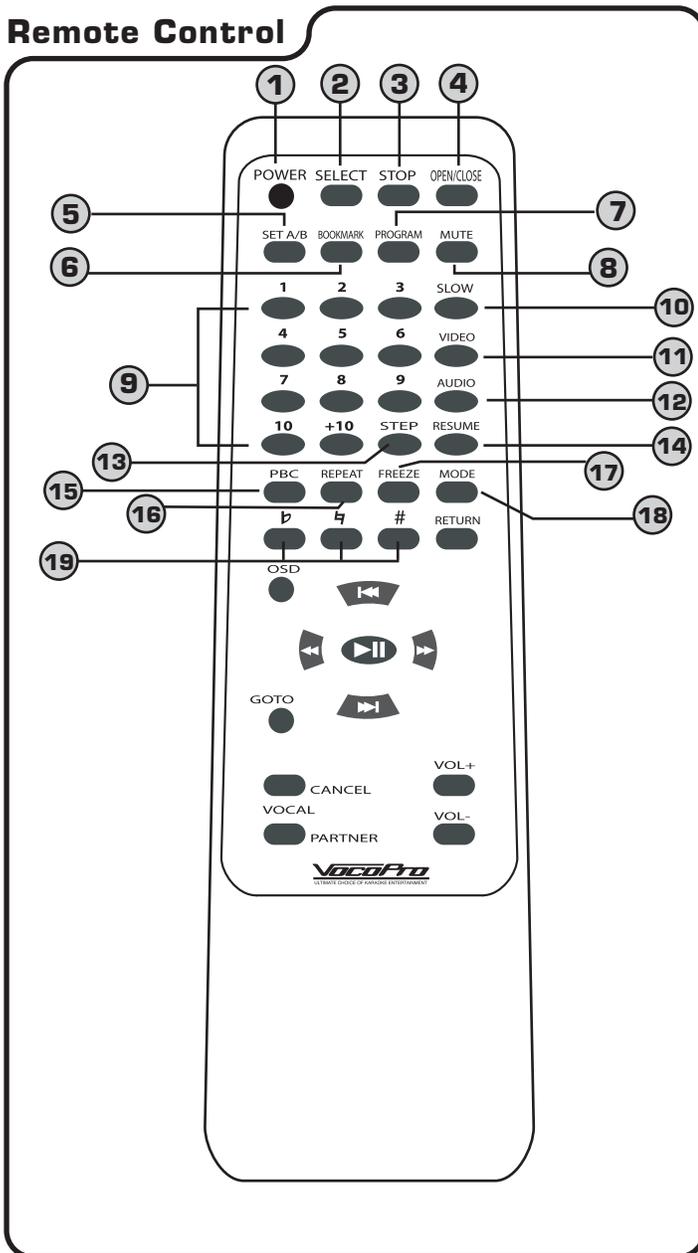


6. **FUSE** terminal - This terminal houses the GIG MAN's main system FUSE. *NOTE: If fuse replacement is necessary, only replace with the same type and rating of fuse.*
7. **AC POWER** outlet - This outlet provides AC POWER to an external device. *NOTE: Do not connect any device with a power consumption level higher than 200W.*
8. **VIDEO OUT 1-2** jacks (RCA) - These jacks are for connecting the GIG MAN's VIDEO OUTPUT to TV or DISPLAY devices. Connect RCA-type patch cables from these jacks to the VIDEO INPUT jacks on the connecting TV or display devices.
9. **AUDIO OUT 1-2** jacks (RCA) - These jacks are for connecting the GIG MAN's AUDIO OUTPUT to amplifier, recording or mixing devices. Connect paired RCA-type patch cables from these jacks to appropriate INPUT jacks on external audio devices.
10. **AV 1-2 INPUT** jacks - These jacks are for connecting AUDIO/VIDEO OUTPUT from external AV SOURCES. Connect RCA-style AV cables (R, W, Y) from these jacks to the AV OUTPUT jacks on your external AV devices.
11. **BALANCED MIC 1-2 INPUT** (XLR) - These jacks are for connecting microphones via BALANCED XLR-type microphone cables. *NOTE: Both the XLR and 1/4" MIC jacks cannot be used simultaneously for any given mic channel.*
12. **BALANCED AUDIO OUTPUT** jacks - These XLR jacks are for connecting MASTER output to an external device with balanced cables.
13. **L-R-FRONT SPEAKER** jacks - Connect EXTERNAL L and R SPEAKER's to this jack.



# Remote Control Description and Functions

## Remote Control



1. **POWER** button - This button is used to turn the GIG MAN 'ON' or place it in **STANDBY** mode. *NOTE: When in STANDBY mode, the GIG MAN is not completely powered down and still contains residual power.*
2. **SELECT** button - This button is used to make selections in OSD and media menus when an entry is highlighted.
3. **STOP** button - This button is used to **STOP** disc **PLAYBACK**.
4. **OPEN/CLOSE** button - This button is used to **OPEN/CLOSE** the **DISC** tray.

5. **SET A/B** button - This feature allows you to select a section of the disc for repeat playback. While a disc is playing, press the A/B button once to select the beginning point of the selection. Press the A/B button again to select the end point of the selection. Playback of the selection will start automatically. Press the A/B button again to cancel this feature and return to normal playback.
6. **BOOKMARK** button - Press the **BOOKMARK** button to set a memory point on the disc. Press the **RETURN** button at any time to jump to the **BOOKMARK** point and resume playback.
7. **PROGRAM** button - Press this button to enter track **PROGRAM** mode. The disc must be stopped to enter **PROGRAM** mode. **See the PROGRAM function in the Advanced Operation section of this manual for a detailed explanation of this feature.**
8. **MUTE** button - Press this button to **MUTE** or silence the audio track during playback. Press **MUTE** a second time to restore the audio playback
9. **NUMBER** pad - Use these buttons for direct track selection, selecting tracks in program mode or any other occasion where numeric entry is needed. The +10 button adds 10 to the track number each time it is pressed: 10, 20, 30 etc.
10. **SLOW** button - Press this button to playback in slow motion. Press **SLOW** to cycle through the 4 available playback speeds: 1/2 speed, 1/4 speed, 1/8 speed and normal. Press the **PLAY** button to cancel slow-motion playback.
11. **VIDEO** button - Use this button to select between **NTSC/PAL** video modes. For U.S., Mexico, and Canada, select **NTSC**. For European countries, select **PAL**.
12. **AUDIO** button - This button is used to select the audio playback mode: **LEFT/LEFT, RIGHT/RIGHT** and **STEREO**
13. **STEP** button - Press this button to playback the video one frame at a time. Each press of the step button will advance the video one frame. Press the **PLAY** button to return to normal playback.
14. **RESUME** button - This button is used to jump to the point on the disc previously marked using the **BOOKMARK** feature.
15. **PBC** button - When playing a 2.0 compatible **VCD** disc, an **MP3** or **PHOTO-CD** disc, press this button to enable **PBC** control for direct track selection, menu support and auto-playback
16. **REPEAT** button - Press this button once to have the currently selected track play again (repeat) after it completes. Press **REPEAT** a second time and the entire disc will be replayed once. Press **REPEAT** a third time to turn **REPEAT** mode off.
17. **FREEZE** button - Press this button to **FREEZE** the video playback on the current frame without freezing the audio playback.
18. **MODE** button - Press this button to display the first nine tracks' information on the video display. *NOTE: This function is only available with VCD media.*
19. **DIGITAL KEY CONTROL** button - These buttons direct the **DIGITAL KEY CONTROLLER**

- # - Raises the musical key a half-step each time it is pressed.
- ♯ - Resets the musical key to it's original key.
- b - Lowers the musical key a half-step each time it is pressed





# Getting Connected

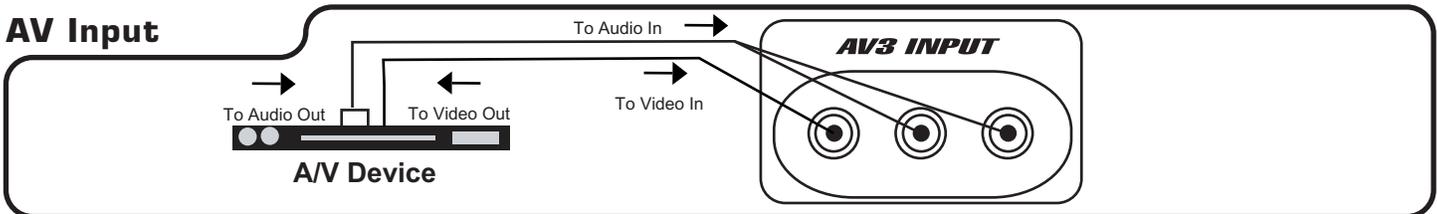
## AV Input Connections

To connect an AV source player, use an RCA-type AV cable with red, white and yellow colored plugs.

For AUDIO, connect the L and R AUDIO OUTPUT jacks from the source player to the L (white) and R (red) AUDIO INPUT jacks on the GIG MAN, using the AV channel of your choice.

For VIDEO, connect the VIDEO OUTPUT jack on the source player to the yellow VIDEO INPUT jack on the GIG MAN, using the same channel you connected the audio to.

### AV Input



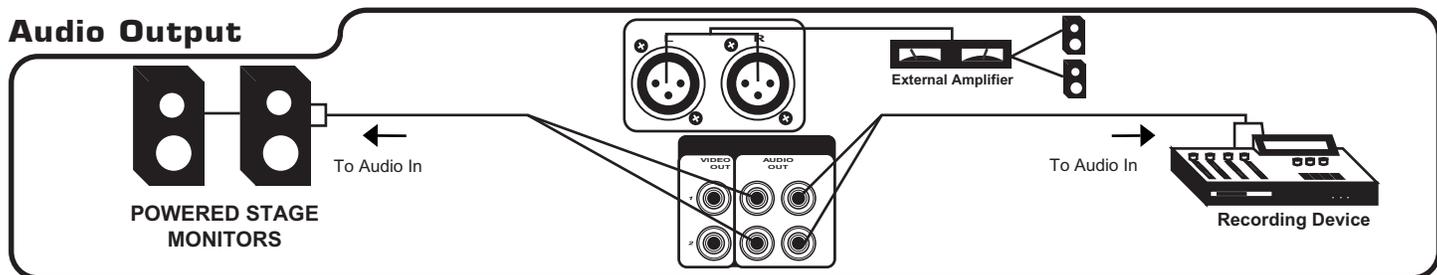
## Audio Output Connections

To connect audio output to external devices, there are three available channels: AUDIO OUTPUT 1 & 2 (RCA) and BALANCED AUDIO OUTPUT (XLR). All three OUTPUTS can be connected simultaneously

For AUDIO OUTPUT 1 & 2, using an RCA-type audio cable, connect the left and right AUDIO/LINE/AUX INPUT jacks on the external device to the left and right AUDIO OUTPUT 1 or 2 jacks on the GIG MAN.

For BALANCED AUDIO OUTPUT, using two XLR-type audio cables, connect the left and right AUDIO/LINE IN jacks on the external device to the left and right BALANCED AUDIO OUTPUT jacks on the GIG MAN's rear panel.

### Audio Output

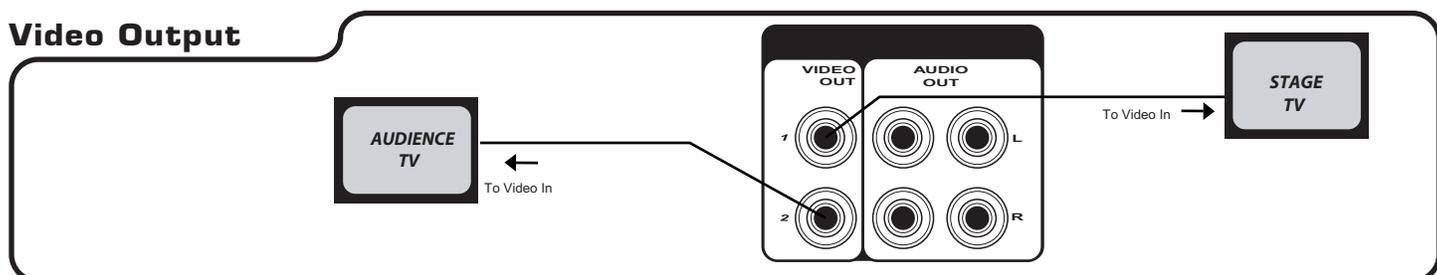


## Video Output Connections

The GIG MAN has two VIDEO OUTPUT channels with RCA-type jacks for connection to TV's or monitor devices.

To connect VIDEO, using an RCA-type patch cable, connect the VIDEO IN jack of your television or monitor device to either the VIDEO OUT 1 or 2 jacks on the GIG MAN. Both VIDEO OUTPUTS can be connected simultaneously

### Video Output



## Getting Connected cont...

### Microphone/Instrument Input Connection

After making your main system connections, it is time to get your microphones and instruments connected and ready for performing. Before you get started with your connections we recommend to take the following tips into consideration:

- When connecting instruments, refrain from using defective cables as they can cause significant noise and loud pops, posing a threat to system speakers.
- When using effects devices for instruments, such as pedals/stomp boxes, use caution when connecting a chain of multiple effects devices as the output voltage may change and possibly overload the GIG MAN's input channel.
- When connecting a guitar, longer cables are recommended to prevent guitar feedback from occurring

The GIG MAN has one guitar (1/4"), one keyboard (1/4") and two microphone (1/4"/XLR). Remember that both the XLR and 1/4" cannot be used simultaneously.

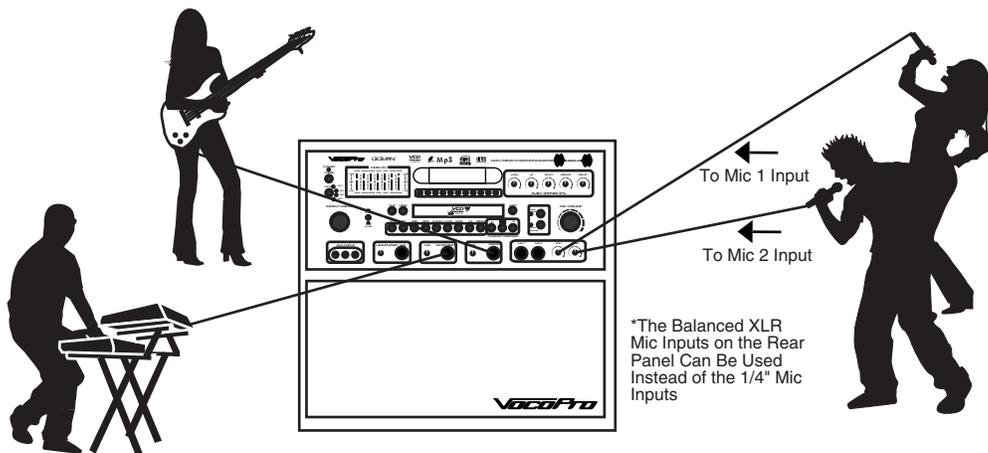
To connect MICROPHONES via 1/4" mic cables, connect the XLR-end of the cable into the MICROPHONE until it locks into place and connect the 1/4" plug into either of the MIC 1 or 2 jacks on the GIG MAN.

To connect MICROPHONES via XLR mic cables, connect the XLR-F end of the cable into the MICROPHONE until it locks into place and connect the XLR-M end into either of the BALANCED MIC 1 or 2 jacks on the GIG MAN's rear panel.

To connect a GUITAR, connect a 1/4" instrument cable from the GUITAR's 1/4" output to the GIG MAN's 1/4" GUITAR input.

To connect a KEYBOARD, connect a 1/4" instrument cable from the KEYBOARD's 1/4" output to the GIG MAN's 1/4" KEYBOARD input.

### Instruments



### AC Device Connections

The GIG MAN has an AC power outlet on the rear panel to provide power to a connecting device. **Please note that a device with a power consumption rating over 200W should not be connected as that exceeds the allowable power feed. Doing so may cause serious damage to both devices and may void your warranty.**

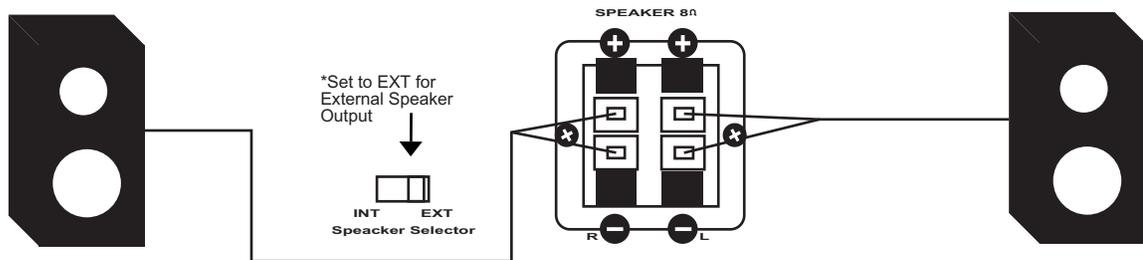


# Speaker Connection

The GIG MAN has a set of speaker connectors for connection to external speakers. Remember that only speakers with an impedance rating of 8 ohms should be connected.

To connect speakers, first unlock the plastic fasteners on each speaker connector by pushing downward on them. Then strip approximately a 1/2" of insulation from the speaker wire ends and twist the strands so that they can easily slide through the holes. Once a wire is inserted, lock them in place with the fasteners by pushing upward on them. It is easy to over-insert a wire into a speaker connector so that the insulation is inserted as well. To ensure this doesn't happen, only insert the wires to the point where you can still see the edge of the insulation.

## Speakers



# Basic and Advanced Operations

## Preparing a Disc for Playback

Turn the power on by pressing the **POWER** button on the front panel. Press the **OPEN/CLOSE** button to open the disc tray. Insert a disc into the round recess in the tray with the label side up.

## Playing a Disc

Press the **PLAY/PAUSE** button on the front panel or the remote control to begin disc playback. Press the **PREV/NEXT** buttons to skip to the beginning of the previous or next track. Press the **STOP** button to cease playback of the disc.

## Selecting a Playback Starting Point

To select a playback starting point, press the **GOTO** button on the Remote Control. Using the 0-9 number keys, enter the start point in minutes and seconds format (for example 3320 to start playback at 33 minutes and 20 seconds from the start of the disc). Playback will start automatically when the last digit is entered.

## Customizing Audio Playback for MPX Media

Multiplexed discs are specially recorded so that the vocals can be removed for Karaoke. These discs are recorded with the vocals on the right channel only. When the right channel is bypassed and the left channel is split to both sides, the vocals disappear, leaving the music only. The **AUDIO** button on the GIG MAN's front panel and remote control allows you to select through 3 audio playback modes: **LEFT CHANNEL ONLY**, **RIGHT CHANNEL ONLY AND BOTH (STEREO)**. To select, press the **AUDIO** button repeatedly.

## Muting Playback

Pressing the **MUTE** button on the remote control silences the audio during playback of a disc. Press the **MUTE** button again or either of the **VOLUME** buttons to restore audio playback.



## Basic and Advanced Operations cont...

### Displaying the Remaining Time

While the disc is playing, pressing the OSD button on the remote control will display the disc's playback status. Press the OSD button to cycle between TRACK TIME REMAINING and DISC TIME REMAINING.

### Programming a Playback Sequence

Press the PROGRAM button to enter PROGRAM mode. Using the number buttons (0-10, +10), enter the track numbers to be played. Press the PLAY button to begin playback of the programmed sequence. Note: Program mode cannot be entered while a disc is playing.

### Repeat Playback

To repeat a track/scene press REPEAT once.

To repeat a disc/title press REPEAT twice.

To cancel REPEAT mode, either press the PLAY button, or cycle through the REPEAT options till REPEAT is turned OFF

### Repeating a Segment Using the A-B Feature

The starting point of the LOOP region is immediately commenced after pushing A-B. Press the A-B button again to establish the LOOP ending point.

To cancel the A-B loop Press the A-B button a third time.

Note: You cannot search and skip tracks while using the A-B feature.

### Programmed Playback

You can select up to 99 tracks to program. The program is maintained until the STOP button is pressed twice or the unit is turned on or off.

Use the number buttons to select a track. Once selected, press PROGRAM to enter it into the program. Repeat this procedure till you are complete with your program.

To start playback of a disc press PLAY.

You can cancel a program by pressing the STOP button twice, removing the disc or turning off the unit.

This function does not work unless you turn PBC on.

## MP3 Functions and Operations

The GIG MAN can play back MP3's files recorded to CD-ROM, CD-R or CD-RW discs.

### Notes on MP3 Discs

An MP3 file stores audio data that has been compressed using the MPEG1 encoding scheme. Although PC terminology uses "files" and "folders" regarding MP3s and storage, in this manual we refer to them as "tracks and albums".

### Notes on Playing MP3s

- An MP3 track must be recorded on a disc in the format compliant with ISO9660. Track order may differ from MP3 player to MP3 player.
- The maximum allowable number of tracks and/or albums located on a disc is 900, including the root albums (directory).
- The maximum allowable depth of a nested folder is 127, including files.
- If a disc contains both audio as well as MP3 tracks, it will not play in the GIG MAN.
- Multi-session discs are limited to a total of 20 sessions.
- MP3 playback is optimal with MP3s encoded with a sampling rate of 44.1 kHz and a fixed bit rate of 128 Kbps.
- The unit may not play MP3 tracks recorded using a packet writing utility.
- The unit can only play back MP3 tracks having a file extension of ".mp3".
- It may take 30 seconds or more before the unit can start playback of MP3's. This time depends on the number of recorded tracks and the complexity of the album tree.
- If you play a non-MP3 track that has the ".mp3" file extension, the unit will skip to the next valid track automatically.
- Digital recordings with this unit cannot be done while playing back MP3 discs.



# MP3 Functions and Operations cont...

## Notes on display indications during playback

- Up to 8 characters are displayed for the name of an album or track.
- Characters other than uppercase letters ("A" to "Z"), numerals ("0" to "9") and underscore (" \_") may not be displayed, or may be displayed in different characters.
- The elapsed playing time may not be displayed correctly for MP3 tracks.
- Depending on the condition of the recording equipment or the CD-R/RW disc itself, a false album or track which cannot be played on the unit may be displayed on a TV screen.

## Notes on creating MP3 discs

- When converting audio data to MP3, create MP3 files with a sampling frequency of 44.1 kHz and a fixed bit rate of 128 Kbps.
- When creating MP3 discs, do not store more than 900 albums and/or tracks in a disc.
- To play tracks in the order they were recorded, ensure your encoding software is set up to auto arrange by name, or use only one album (if they are already alphabetized) or place a three digit number in front of each track to set an order manually.

Recommended = 001-S ong.mp3, 002-S ong.mp3, 003-S ong.mp3...

Not Recommended = 1-S ong.mp3, 5-S ong.mp3, 10-S ong.mp3...

## MP3 Glossary

**File Extension** - A 3-character string added to a file name under the Windows or DOS environment is called a "file extension". A file extension is used mainly to identify types of files. The file extension for MP3 files is ".mp3".

**ISO 9660** - ISO stands for the "International Organization for Standardization". ISO 9660 determines the file structure for CD-ROMs. This unit can play MP3 files recorded in the format compliant with ISO 9660.

**Nesting of folders (albums)** - To organize all your data files stored in a PC, you can store related files in a folder. A folder can contain other folders as well as files. For example, FOLDER A can contain FOLDER B (as well as files) and FOLDER B can contain FOLDER C (as well as other files).

**Session** - A session is one uninterrupted section of written data on a disc. A multi-session disc is a disc that has more than two sessions.

## MP3 Playback

### To load an MP3 disc:

The disc will automatically load and display the MP3 window. It may take up to 20 seconds for an MP3 disc to be read depending on the complexity of the file structure.

### To start playback of a disc:

Select the MP3 title that you want to begin playback with. If you have folders on the disc, you may need to navigate through them to find the desired MP3 title.

Press PLAY.

You can cancel a program by pressing the STOP button twice or turning the unit on or off.  
This function does not work unless you turn PBC on.

**Refer to the "Basic and Advanced Operations" Section For More Playback Operations**



# Karaoke Functions and Operations

## Notes on Karaoke Media

There are various types of Karaoke media available for playback with the GIG MAN. You can perform Karaoke with MP3, CDG and VCD formats. The thing to remember is how each type differs as far as audio channels and video support.

## CDG

CDG has been the most commonly used format of Karaoke media for the last 7 years. It is very similar to a standard CD, except it has video graphics that are decoded by your Karaoke player and displayed onscreen. In addition, many CDG's are specially 'multiplex' formatted with background music on the left channel and vocals on the right channel, so vocal cancellation can be done by simply adjusting the balance control.

## VCD

While the VCD format is not as popular in North America as it is in other countries, it remains an excellent format to be used for Karaoke. Because video is not limited to 16 colors (as with CDG), VCD's tend to have motion video behind the lyrics instead of a monotone screen, making them a bit more attractive to party atmospheres. Most VCD's also have multiplexed coded audio for easy vocal cancellation.

## Adjusting the Echo Level

Digital echo provides a very spacious feeling to the vocals. You can adjust the ECHO effect to sound several ways.

1. First off, you can adjust the overall ECHO applied to the Mic channels via the ECHO VOLUME control. This limits the echo to all three channels together.
2. After the ECHO level is set, you can start customizing the nature of the echo effect via the REPEAT and DELAY controls. The REPEAT control adjusts the number of times the echo will repeat prior to fading out. The DELAY control adjusts the interval time between each echo. For example, a minimal REPEAT and maximum DELAY configuration would result in one echo repetition that occurred seconds after the source sound. A maximum REPEAT and minimum DELAY configuration would result in several echo repetitions occurring extremely close together, at times sounding slightly overlapped.
3. Start some background music and finalize the settings to achieve the "perfect" echo effect.

## Using Digital Control

Digital Key Controllers are designed to transpose the natural key of source music up or down, so that singers can perform songs that are normally out of their vocal range. You can use the Digital Key Controller to obtain the desired musical key within 1.5 octaves up or down from the original key.

1. To step up, press the left button marked "b".
2. To step down, press the right button marked "#".
3. To revert back to the original key, press the RESET button.

# Viewing a Photo-CD

## To LOAD a PHOTO-CD:

1. Insert a PHOTO-CD to either automatically start a slideshow or display the Photo-CD selection window

## To view PHOTO-CD images on-screen:

1. Select a viewing MODE on the bottom of the menu using the remote control.
2. Select a PHOTO from the menu (may be in a folder) to begin viewing.
3. Press PLAY
4. Press the PAUSE button to PAUSE on an image. You can use the 9 or : buttons to maneuver through the Photo's in PAUSE mode
5. Press STOP to cancel viewing the Photo-CD



# Viewing VCD's

## Tips on VCD Discs

There are two types of VCD's:

### VCD 1/1.1 Format

This format of VCD has no menu, track search and other video features available, as this format does not support PBC. The same as with audio CD's, these discs will auto-play with full motion-picture audio and video, but with no support for menus and custom track selection.

### VCD 2.0 Format

2.0 formatted VCD's are equipped with PBC support. PBC (playback control) allows for user-interaction with system menus, search functions and other video-based operations. Moreover, high-resolution still pictures (JPG/JPEG) can be displayed if they are embedded in a VCD track/scene.

## Playing VCD's

To LOAD a VCD disc:

1. Refer to "Basic and Advanced Operation" section for instructions.

### Track/Scene Searching

To SEARCH through a track/scene:

1. Press the ◀▶ buttons on the remote control or front panel. Each time you press the ◀ or ▶ button, the search speed increases.

1. To fast forward a disc press ▶▶

2. To fast reverse a disc press ◀◀

3. To return to normal playback, press the PLAY button.

### Scene/Track Selection

To SKIP to the next chapter or track:

1. Press ▶▶ during playback. The disc position advances one chapter or track each time the button is pressed.

To RETURN to the previous chapter or track:

1. Press ▶▶ twice in rapid succession to return to the beginning of the previous chapter or track.

*NOTE: When using these features with a VCD1.1 disc with PBC on, you may be returned to the main menu.*

**To skip to the desired track directly using the number buttons:**

1. During playback or in stop mode, enter the desired track number using the number buttons on the remote control. For example, to play track 3, press 3 and then ENTER.

*NOTE: For numbers above 10, use the +10 key. For example, for track 22, press +10 twice and 2, then ENTER*

### Step Mode

To ENTER STEP MODE during playback:

1. Press the STEP button. Each press, the program advances one frame. There is no audio during STEP playback.

**To RETURN to normal playback:**

1. Press PLAY

### Slow Playback

To enter SLOW MODE during playback:

1. Press SLOW. Each time SLOW is pressed, the play speed changes.

*NOTE: There is no audio during SLOW playback.*

**To return to normal playback:**

1. Press PLAY.



# Troubleshooting

## Troubleshooting

No audio output.	The input selector is not set to the channel that the active source player is connected to.	Check the source player input channel and ensure the input selector is set to that channel.
	The speaker selector is not set correctly.	If external speakers are connected, set the speaker selector to EXT. If no external speakers are connected, select INT.
	Faulty connection within external components or external component failure.	Checks overall cabling and viability of external equipment.
	The power cord to the GIG MAN is not plugged in.	Plug the power cord from the GIG MAN to a wall outlet.
	Your TV does not have RCA style A/V input jacks.	Use an external RF Modulator.
Unable to connect the GIG MAN to my television monitor with the RCA cable provided.	An open microphone or guitar is too close to the output speakers.	Increase space between microphone and speakers.
There is a loud "squealing" noise coming from the speakers.	Microphone or guitar volume is too high.	Turn down microphone or guitar volume.
	Excessive treble is applied.	Lower the treble levels.
An MP3 or Photo-CD does not play in the GIG MAN.	The MP3/Photo-CD either has files that are not standard-formatted, or the disc was not standard-copied.	Try other MP3/JPEG encoding software or disc writing software for writing the discs.



# **VocoPro**

ULTIMATE CHOICE OF KARAOKE ENTERTAINMENT



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