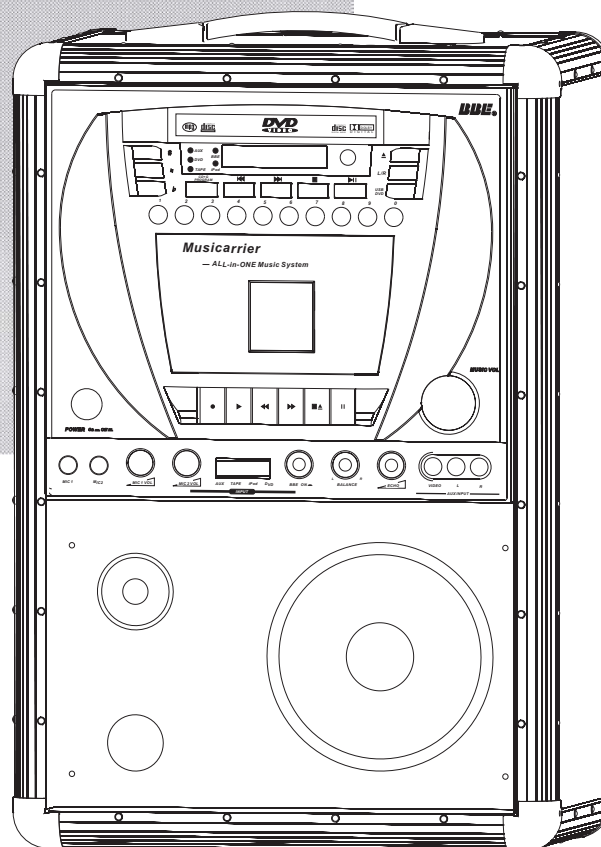




All-In-One Music System Musiccarrier

USER'S MANUAL



Before operation, carefully read the user's manual.

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WARNINGS, CAUTIONS AND OTHERS

Mises en garde, precautions et indications diverses



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING

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

FCC INFORMATION (U.S.A.)

1. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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 product in the U. S. A.

For Canada/Pour le Canada

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, AND FULLY INSERT.

ATTENTION: POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

For Canada/Pour le Canada

THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS FORM DIGITAL APPARATUS AS SET OUT IN THE INTERFERENCE-CAUSING EQUIPMENT STANDARD ENTITLED DIGITAL APPARATUS, ICES-003 OF THE DEPARTMENT OF COMMUNICATIONS. CET APPAREIL NUMERIQUE RESPECTE LES LIMITES DE BRUITS RADIO ELECTRIQUES APPLICABLES AUX APPAREILS NUMERIQUES DE CLASSE B PRESCRITES DANS LA NORME SUR LE MATERIEL BROUILLEUR: APPAREILS NUMERIQUES, NMB-003 EDICTEE PAR LE MINISTRE DES COMMUNICATIONS.

Caution

Disconnect the mains plug to shut the power off completely. The POWER is not disconnected from the mains line when the POWER button on the front panel is pressed in.

IMPORTANT FOR LASER PRODUCTS

1. **CLASS1 LASER PRODUCT**
2. **DANGER:** Visible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION:** Do not open the top cover. There are no user service able parts inside the unit. Leave all servicing to qualified service personnel.
4. **REPRODUCTION OF LABEL:** CAUTION LABEL, PLACED INSIDE THE UNIT.



PRODUCT COMPLIES WITH DHHS RULE 21 CFR SUB. CHAPTER J IN EFFECT AT DATE OF MANUFACTURE.
COMPLIES WITH DHHS RADIATION PERFORMANCE STANDARDS, 21 CFR SUB. CHAPTER J.

CERTIFICATION:

THIS PRODUCT COMPLIES WITH FDA RADIATION PERFORMANCE STANDARD, 21 CFR SUB. CHAPTER J.

SAFETY INSTRUCTIONS

Before using the unit, be sure to read all operating instructions carefully. Please note that these are general precautions and may not pertain to your unit.

1. Read Instructions

All the safety and operating instructions should be read before the product is operated.

2. Retain Instructions

The safety and operating instructions should be retained for future reference.

3. Heed Warnings

All warnings on the product 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. Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry cloth for cleaning.

7. 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.

8. Heat

The appliance should be situated away from heat sources such as radiators, heat register, stoves, or other apparatus (including amplifiers) that produce heat.

9. Water and Moisture

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

10. 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 point where they exit from the appliance.

11. Lightning

To protect your product from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

12. Carts and Stands

The product should be used only with a cart or stand that is recommended by the manufacturer.



12 A. An appliance and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the appliance and cart combination to overturn.

13. Power Sources

product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.

14. Grounding and Polarization

This product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

15. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

16. Overloading

Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

17. Object and Liquid Entry

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

18. Replacement Parts

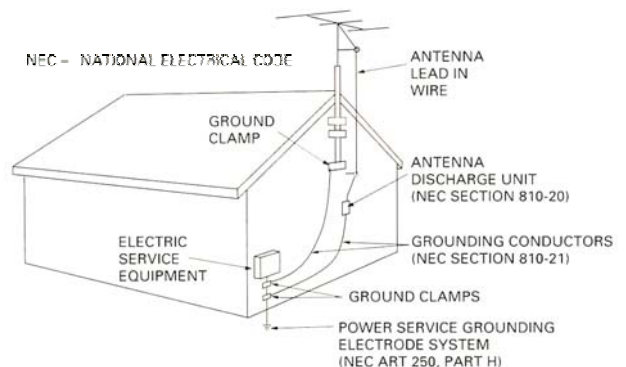
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

19. Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

20. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See figure below.



21. Damage Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- A. When the power supply cord or plug is damaged.
- B. If liquid has been spilled, or objects have fallen into the product.
- C. If the product has been exposed to rain or water.
- D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- E. If the product has been dropped or damaged in any way.
- F. When the product exhibits a distinct change in performance-this indicates a need for service.

22. Servicing

Do not attempt to service it yourself as operating instructions, do not attempt to service it yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personal.

Note to CATV system installer

This reminder is provided to call the CATV system installers 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 to the grounding system of the building, as close to the point of cable entry as practical.

Thank you for purchasing products from V2GO Technology!
V2GO Technology Inc., located in Los Angeles, CA, USA, is one of the world's most innovative manufacturers of quality audio and video electronic products. V2GO is proud of its strong R&D, quality control and production resources that have resulted in a line of products that are technologically advanced and are of superior quality and durability.

Providing quality products and services at a reasonable cost to the user is the basis of V2GO's corporate philosophy. The ability to convert intangible ideas into marketable products is V2GO's unchallenged advantage. V2GO - Making your life a little more fun.

Contact us:

Interested in becoming a retailer or distributor of V2GO products? Contact our sales department at sales@V2GOtech.com

For general information about V2GO products, contact us at customerservice@V2GOtech.com

For Technical Assistance, email us at techsupport@V2GOtech.com

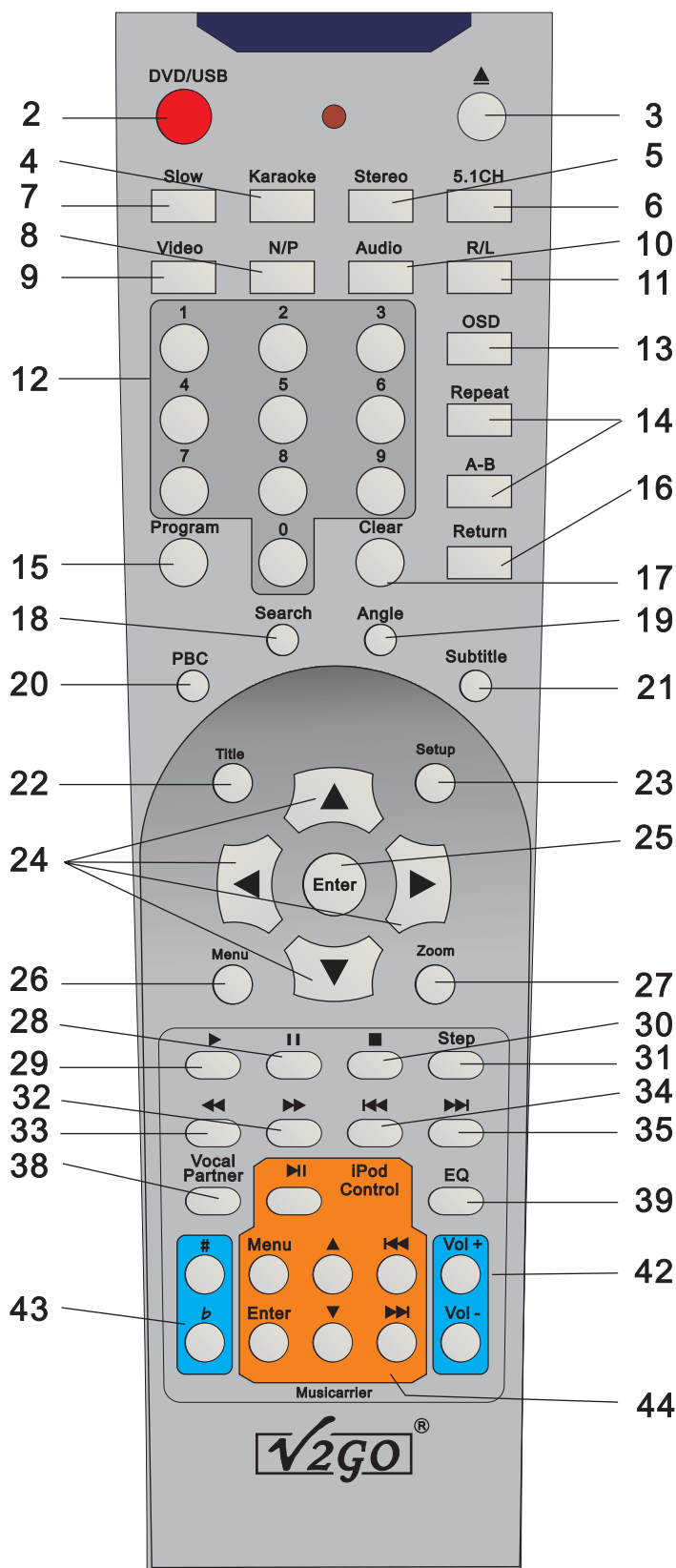
Monday to Friday, 8:30am to 5:30pm PST.

Please visit our website at www.V2GOTECH.com to find additional information about V2GO products and services.

CONTROLS & FUNCTIONS

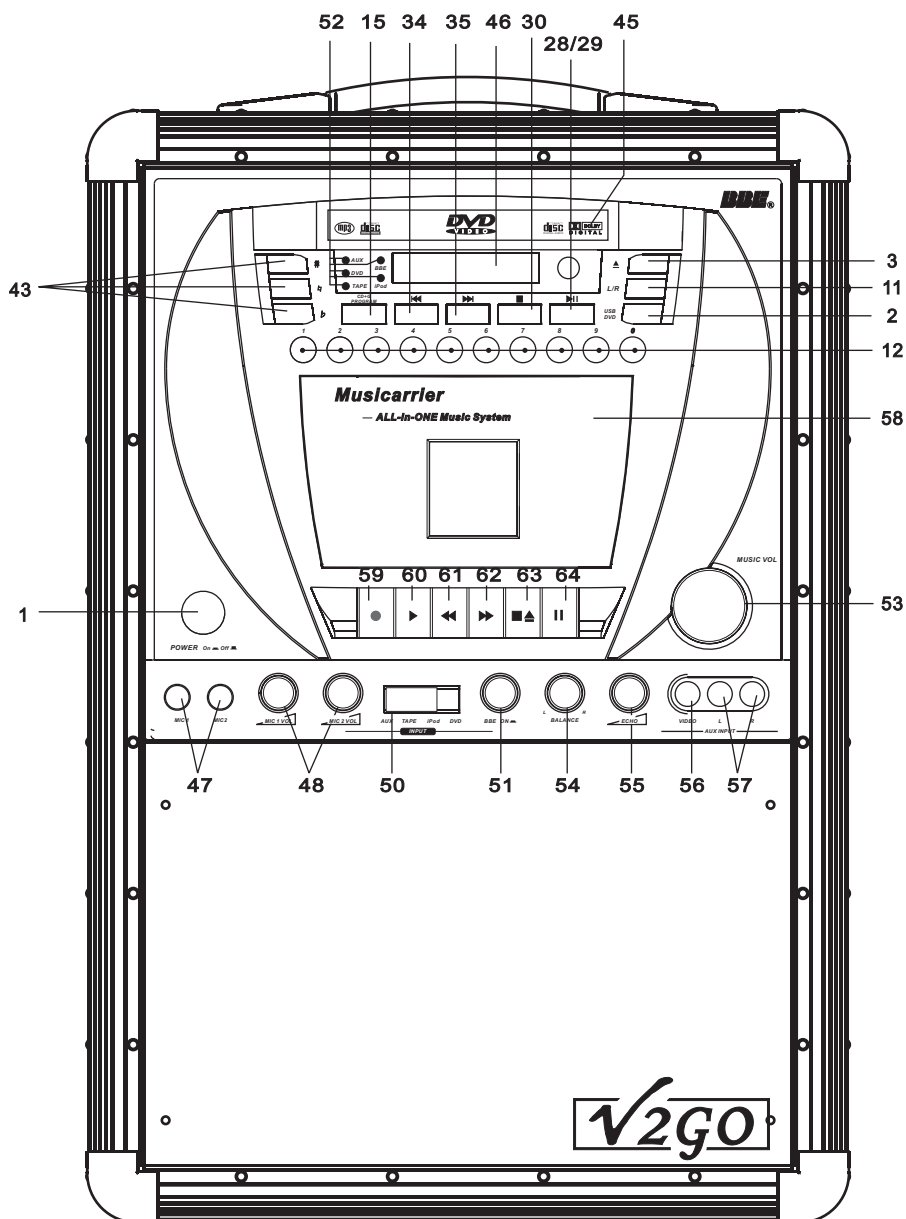
Remote Control Functions

2. DVD/USB Selector
3. Eject
4. Karaoke ON/OFF
5. Stereo (2 channel audio)
6. 5.1 (surround sound mode)
7. Slow Play
8. NTSC/PAL Selector
9. Video
10. Audio
11. L/R Selector
12. Numeric Keypad
13. OSD (on screen display)
14. A-B (section repeat)
15. Program
16. Return
17. Clear
18. Search
19. Angle
20. PBC (playback control)
21. Subtitle
22. Title
23. Setup
24. Directional Selector
25. Enter (confirm)
26. Menu
27. Zoom
28. Pause
29. Play
30. Stop
31. Step
32. Fast Forward
33. Fast Reverse
34. Previous
35. Next
38. Vocal Partner
39. EQ TM
42. Volume
43. Key Control
44. iPod Controls

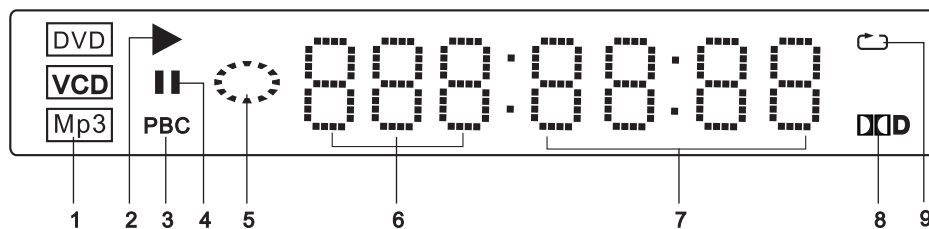


Front Panel Functions

1. Power
2. DVD/USB Selector
3. Eject (disc)
11. L/R Selector
12. Numeric Keypad
15. Program (disc)
- 28/29. Play/Pause
30. Stop
34. Previous
35. Next
43. Key Control
45. Disc Drawer
46. LED Display Window
47. Microphone Input (2)
48. Microphone Volume (2)
50. Function Selector
51. BBE Sonic Maximizer
52. Function Indicators
53. Volume
54. L/R Balance
55. Echo
56. AUX Video Input
57. AUX Audio Input
58. Cassette Door
59. Record
60. Play
61. Rewind
62. Fast Forward
63. Stop/Eject
64. Pause



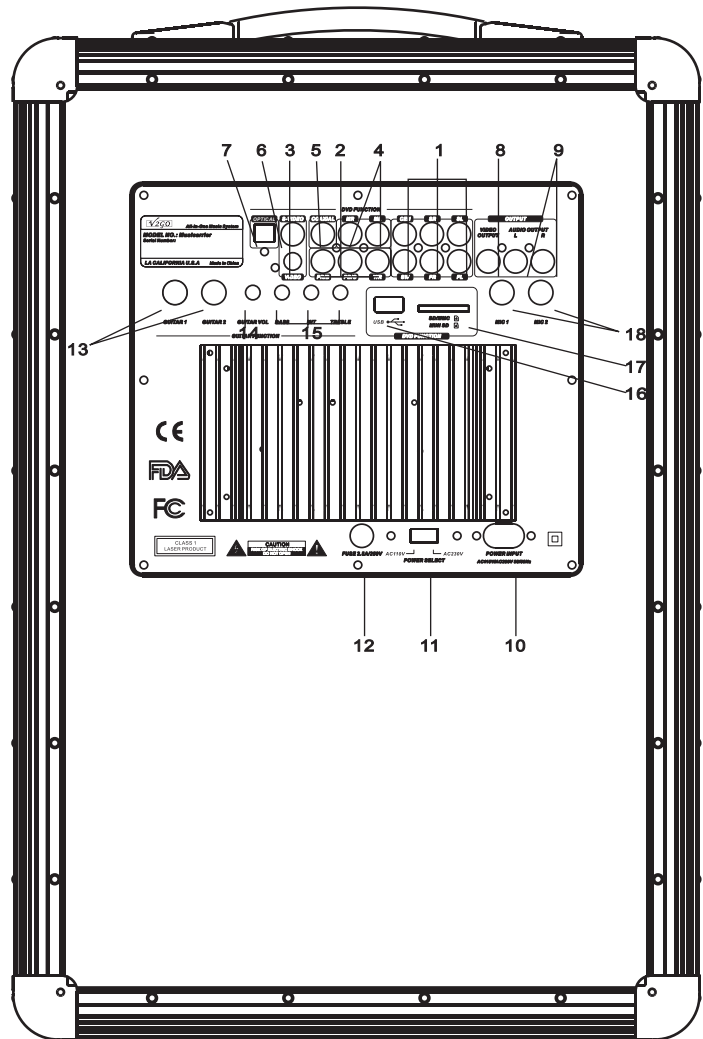
LED Display Window



1. Disc Type
2. Play Status
3. PBC
4. Pause
6. Disc Information
7. Time Display
8. Dolby

Rear Panel Functions

1. 5.1 (surround sound) Output
2. RGB Video Output
3. Composite Video Output
4. Stereo Output
5. Coaxial Output
6. S-VIDEO output
7. Optical Output
8. Composite Video Output
9. Stereo Output
10. Power Cord Connection
11. Voltage Selector
12. Fuse
13. Electric Guitar Inputs (2)
14. Electric Guitar Volume
15. HI, MID and LOW EQ Controls for Guitar Inputs
16. USB Connector
17. Memory Card Slots
18. Microphone Volume Controls



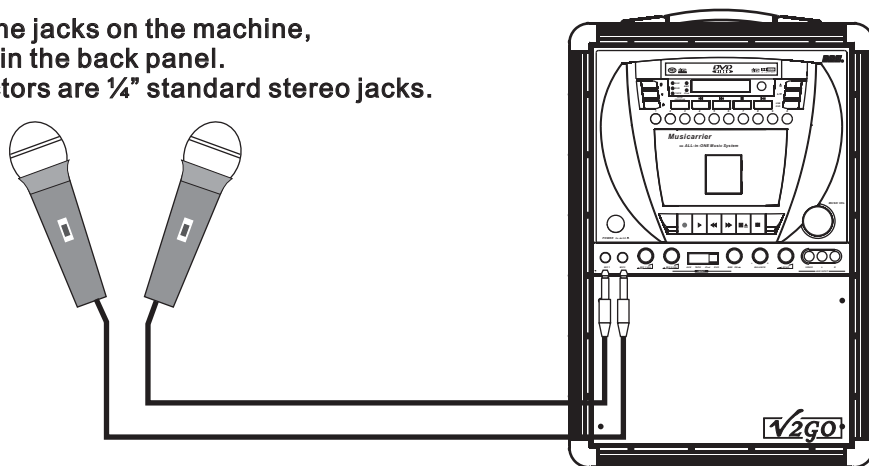
Connection

Microphone Connection

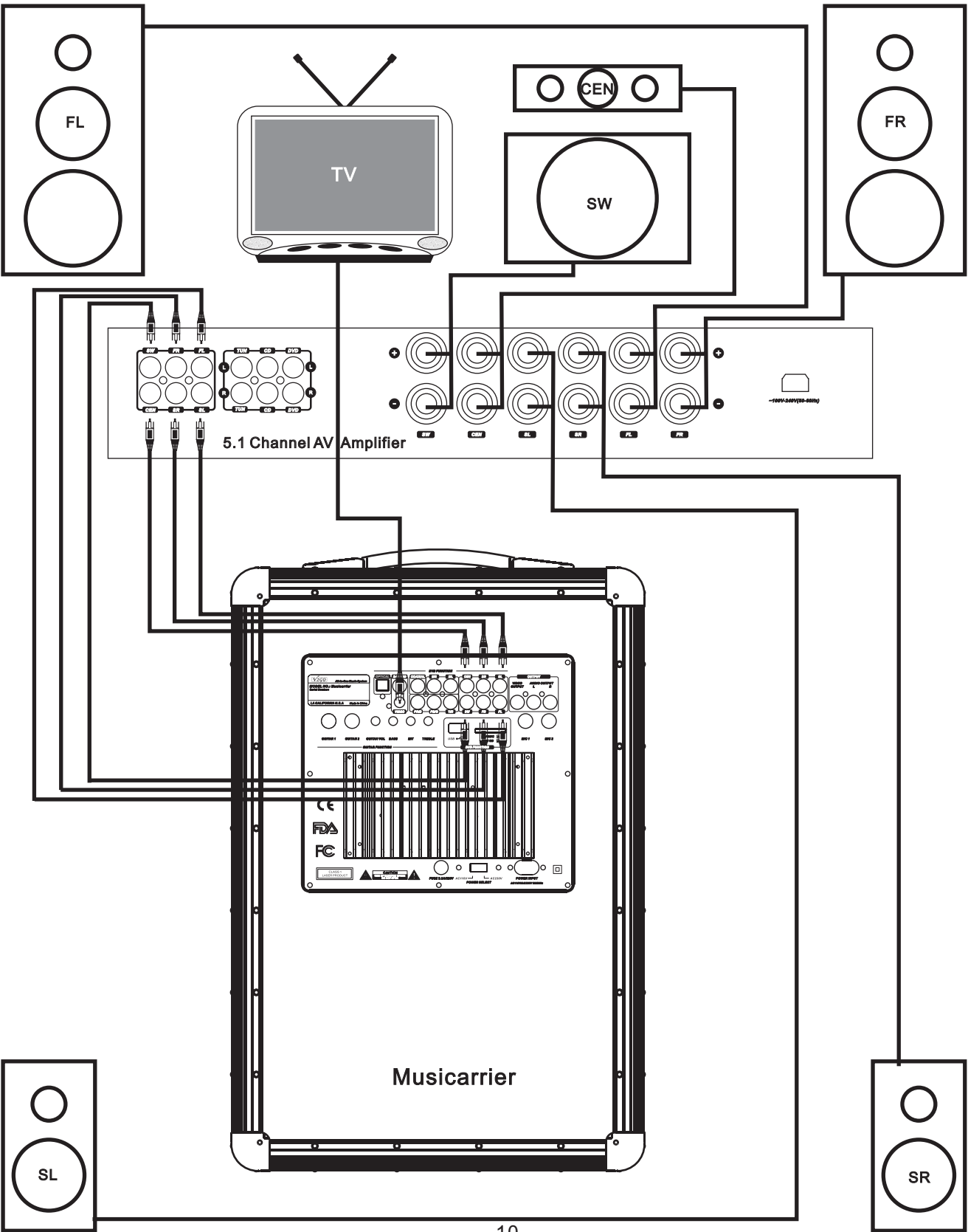
There are total four microphone jacks on the machine, two in the front panel and two in the back panel. The microphone input connectors are 1/4" standard stereo jacks.

You may connect microphone/s to the front panel or rear panel microphone inputs.

Optionally, connect wireless microphone receivers to the microphone input connectors and go wireless.



Home Theatre Connection

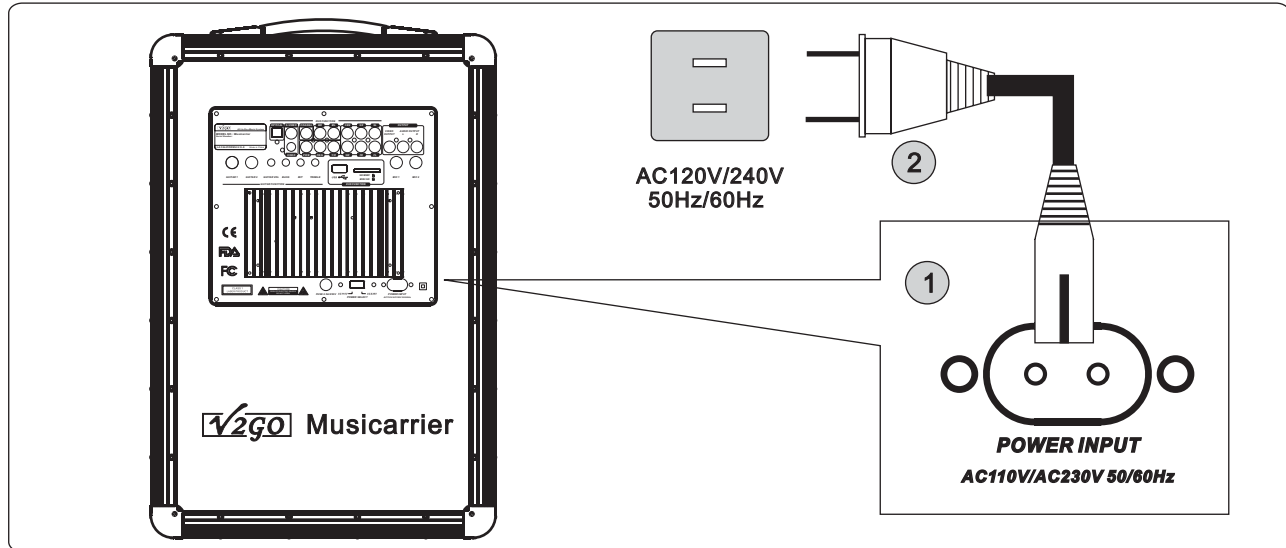


Power Cord Connection

1. Connect the power cord to the Musiccarrier first.
2. Connect the power cord to a wall outlet.

Note: Insure that the Power Selector Switch (11) is switched to match the electrical service available in your area.

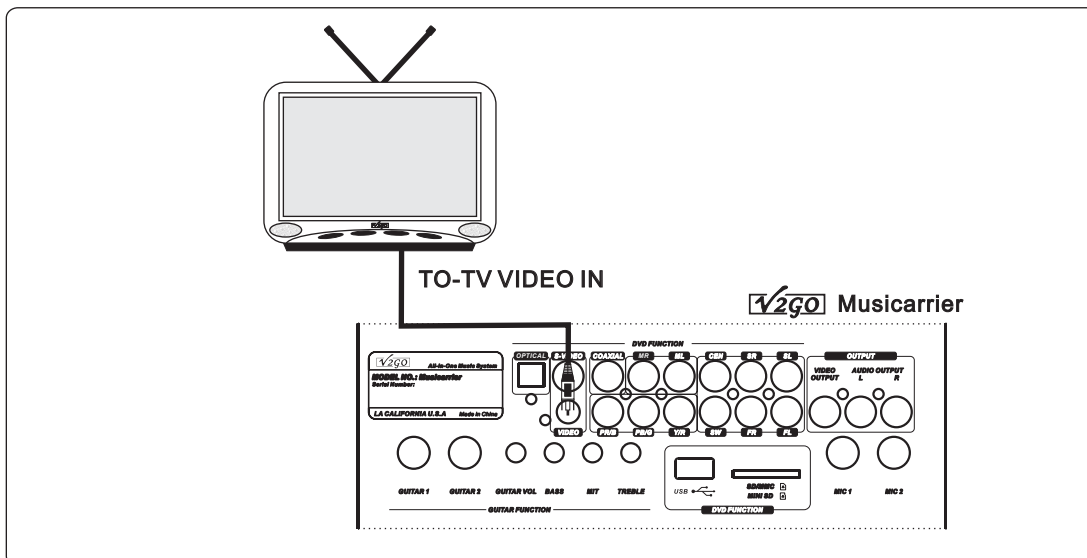
Warning: When finished using the Musiccarrier, turn the power off using the front panel POWER button (1). If the Musiccarrier is to be unused for an extended period of time, unplug the power cord from the wall outlet.



Composite Video Output Connection

1. Connect one end of the supplied yellow RCA cable to the VIDEO OUTPUT jack on the Musiccarrier.
2. Connect the other end of the cable to VIDEO IN jack on your television.

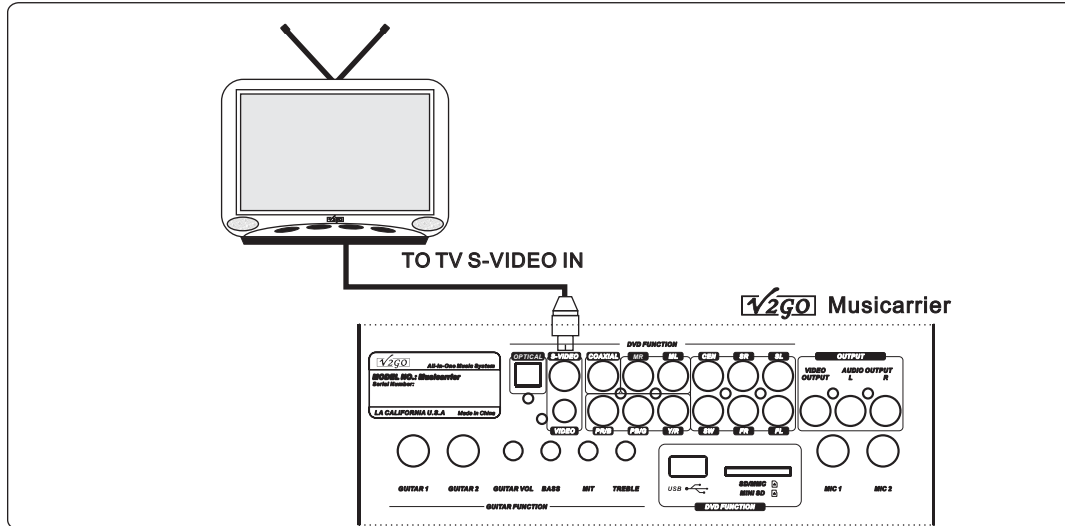
NOTE: This only applies to a standard television with an AUX Video Input (often a yellow connector on the front or rear of your television, paired with red and white RCA audio input jacks). Your television will not automatically recognize that you have connected a device to the AUX Video Input. This input needs to be turned on. Many televisions use channel 100, 0 or 1 for the AUX Video Input. Refer to your television's owner's manual for further information.



S-VIDEO Connection

1. Connect one end of an S-VIDEO cable (user supplied) to the S-VIDEO OUTPUT jack on the Musiccarrier.
2. Connect the other end to the S-VIDEO IN connector on your television.
3. Set your television to the S-VIDEO mode. Refer to your television's owners manual for further instructions.

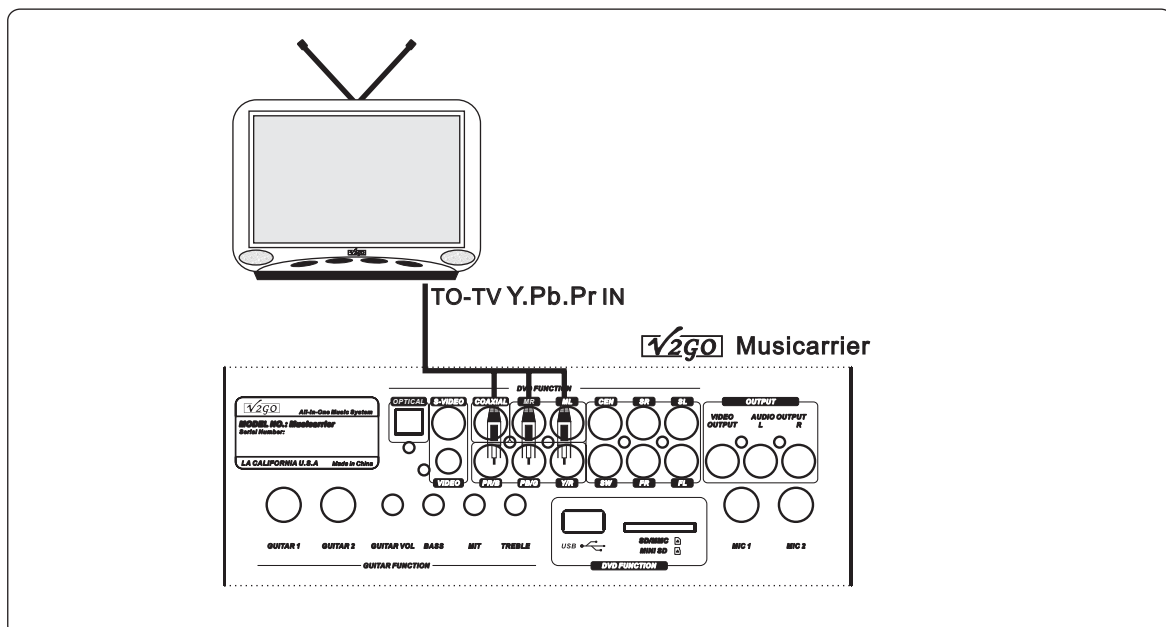
The Musiccarrier's S_VIDEO setting is shown on PAGE 20



Y.Pb.Pr Connection

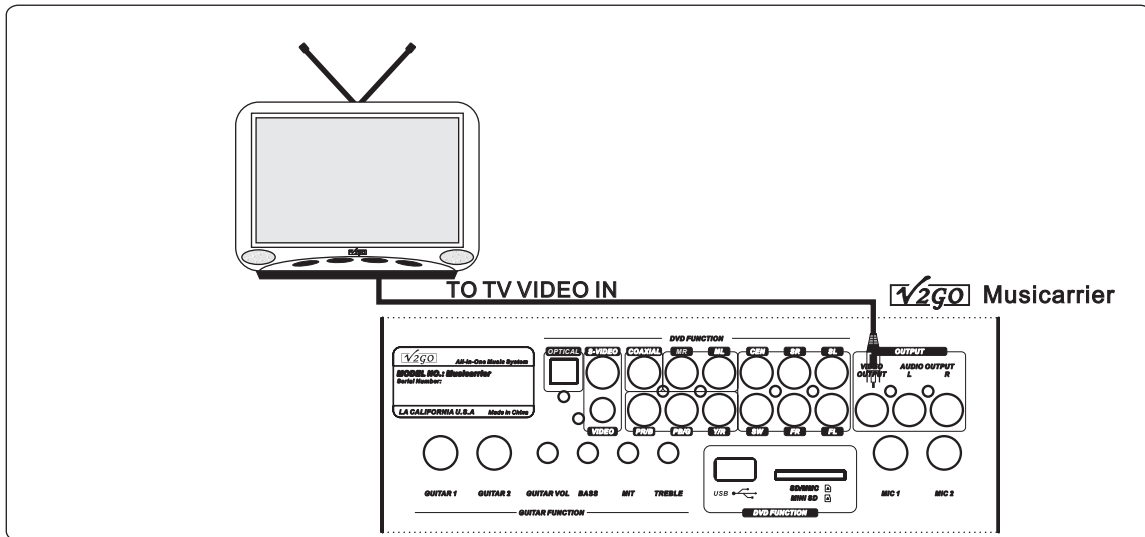
1. Connect RCA cables (user supplied) to the PR/B – PB/G – Y/R RCA connectors on your Musiccarrier.
2. Connect the other ends of the RCA cables to the PR/B – PB/G – Y/R IN jacks on your television (if equipped).
3. Your television should be set in PR/B – PB/G – Y/R video mode. Refer to your television's owners manual for further instructions.

The Musiccarrier's PR/B – PB/G – Y/R setting is shown on PAGE 20



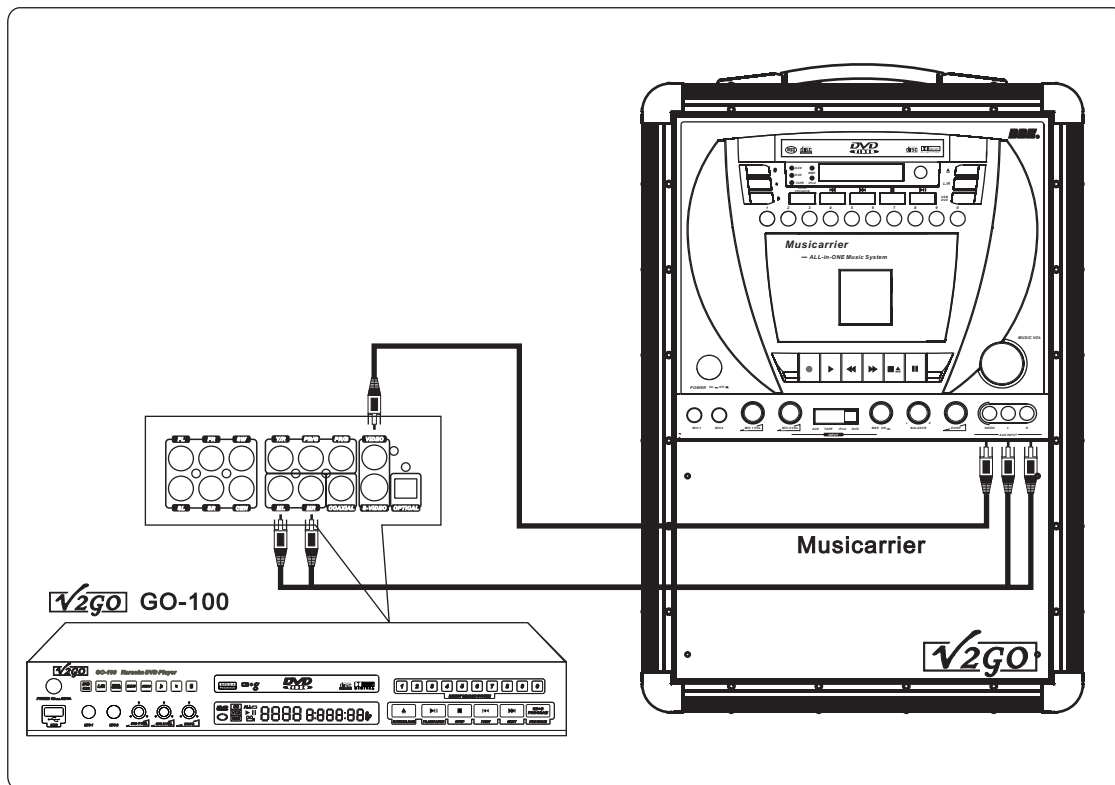
AUX Video Output Connection

The auxiliary video output is for use with external video sources. When used with an iPod, this will allow for the display of video from your iPod to your television.



AUX In Connection

Your Musiccarrier is equipped with front panel audio and video inputs. Using these inputs you may connect a VCR, DVD or karaoke player. Doing so will allow your Musiccarrier to amplify the sound while outputting video to your connected television. To do this you must connect your television to the AUX Video output jack on the rear panel.

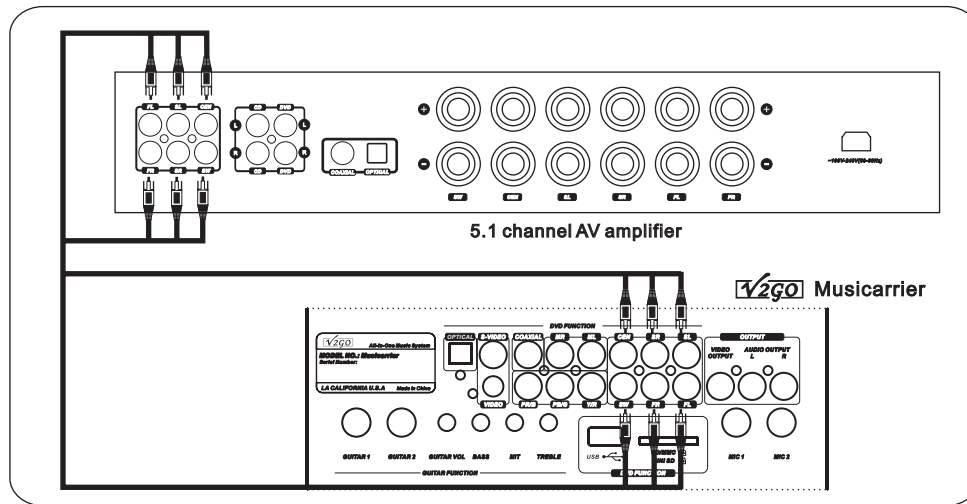


AUDIO CONNECTION

Your V2GO Musiccarrier is a DVD player unit with a built in amplifier and speakers. There are 5 different ways to connect the Musiccarrier with other different external audio amplifiers. The following sections illustrate each connection method.

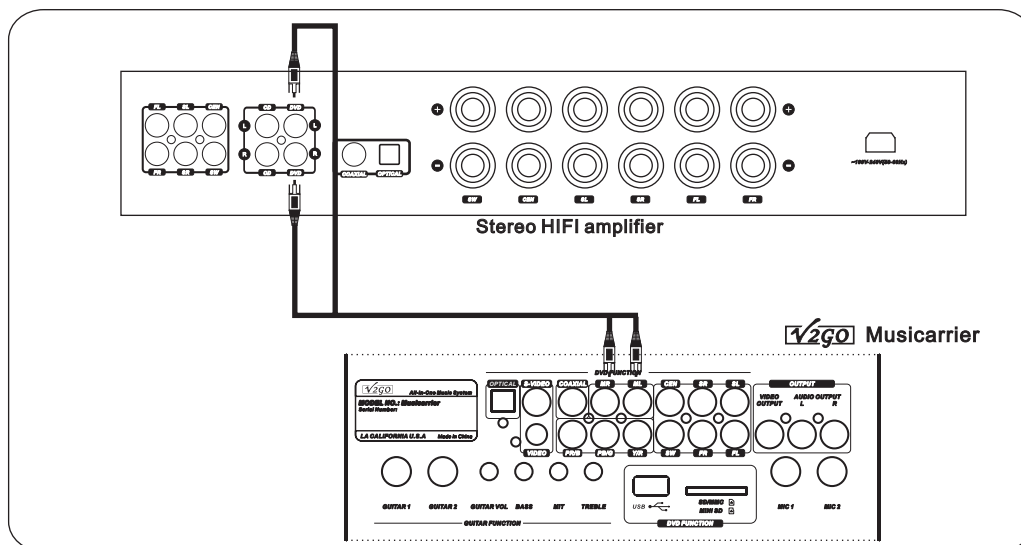
5.1 Surround Sound Output

1. Connect 6 user supplied RCA cables to the FL, FR, SL, SR, CEN and SW jacks on the Musiccarrier.
2. Connect the 6 RCA cables to the corresponding connectors on your surround sound amplifier.



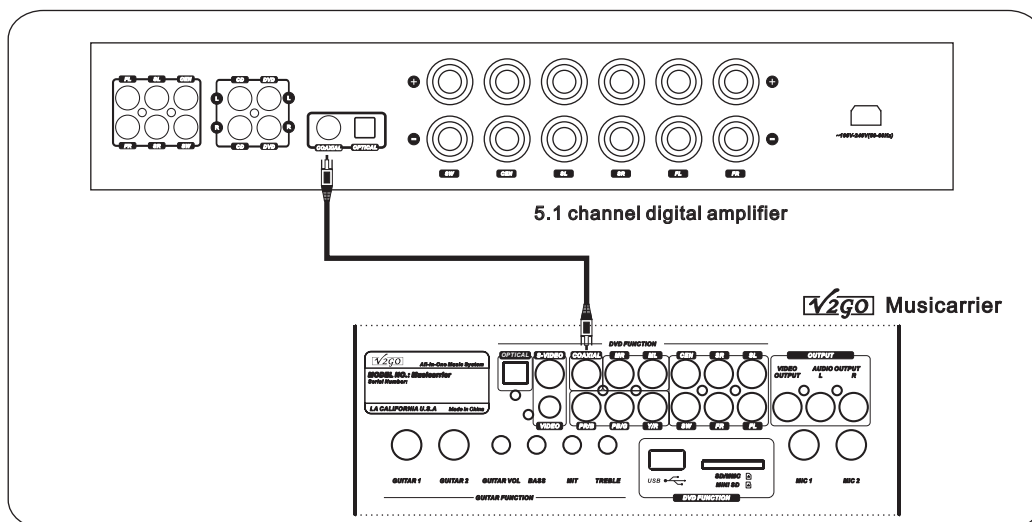
1. Connect the red and white RCA connectors on the supplied RCA cable to the corresponding MR and ML connectors on the back of the Musiccarrier.
2. Connect the other ends of the RCA cable to the stereo audio inputs on your stereo system.

NOTE: This configuration will output the prerecorded audio portion of any type disc played on the Musiccarrier, however, it will not output the audio from microphones connected to the Musiccarrier. See "AUX Audio Output Connection" in a following section.



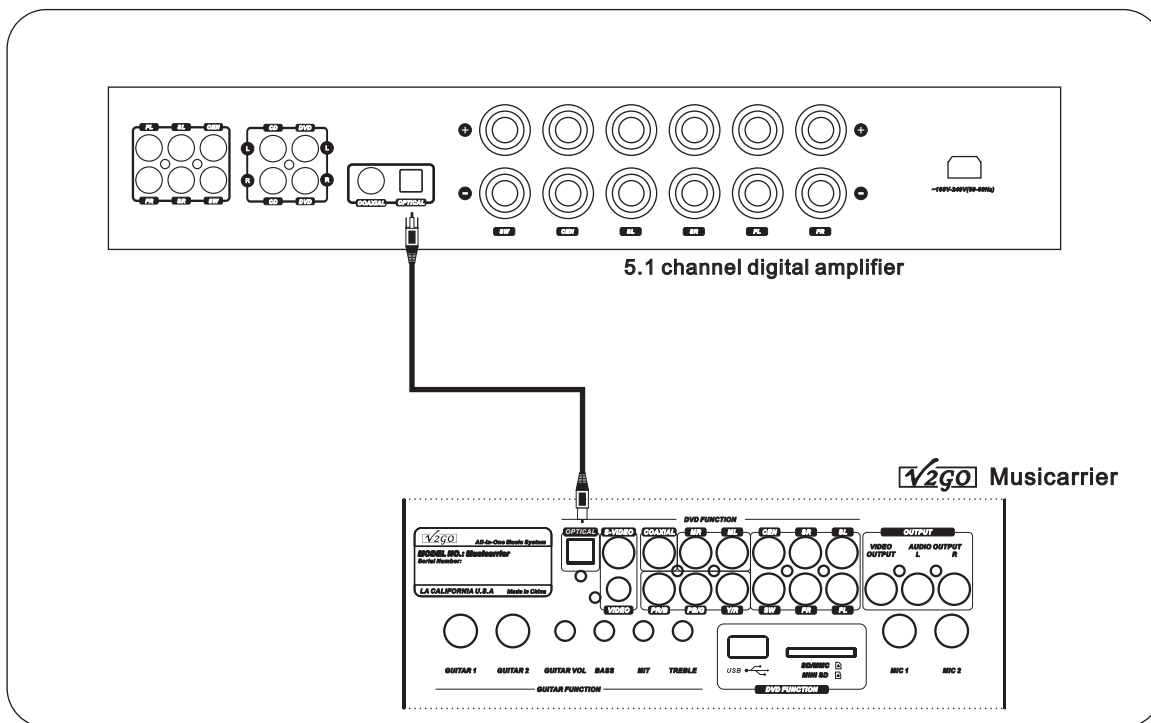
Coaxial Output

Connect a user supplied coaxial cable to the coaxial output on the back of your Musiccarrier. Connect the other end of the coaxial cable to the coaxial input on your 5.1 channel digital amplifier.



Optical Output

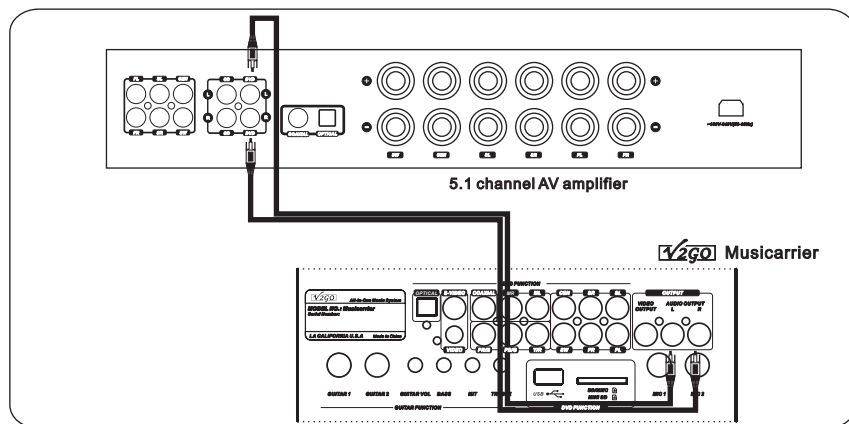
1. Connect a user supplied optical cable to the optical output on the back of your Musiccarrier.
2. Connect the other end of the optical cable to the optical input on your 5.1 channel digital amplifier.



AUX Audio Output Connection

The Aux Audio Output Connection is used when the Musiccarrier is to be connected to a PA system or other audio amplification system. Using these outputs allow for the full audio output of connected microphone(s), an iPod, or any audio device connected to the AUX Input on the front of the Musiccarrier.

1. Connect the red and white RCA connectors on the supplied RCA cable to the corresponding L and R Audio Output connectors on the back of the Musiccarrier.
2. Connect the other ends of the RCA cable to the stereo audio inputs on your PA system or other audio amplification system.



BRIEF INTRODUCTION

Your V2GO Musiccarrier is a multi-format disc player with a built-in mono amplifier and speakers. Simply connect your Musiccarrier to a power source and you are ready to begin listening to CDs or singing karaoke. Connecting your Musiccarrier to a television allows you to see the karaoke music's lyrics or to watch a DVD movie.

1. Connect the power cord on your Musiccarrier to an electrical outlet as previously described.
2. Connect the video output on your Musiccarrier to your television as previously described.
3. Press the POWER button on the Musiccarrier.

DVD Disc Playback

1. Using the Function selector switch (50), select DVD. Use this position for playback of any supported disc playback.



Tray eject



Reading disc

2. Press the Eject (3) button on the Musiccarrier's remote control.
3. Insert a DVD disc (alternately a CD or CD-G karaoke disc) and press Eject (3) again to close the disc tray.

After several seconds of reading the disc your Musiccarrier will automatically recognize the type of disc and begin playing it from the beginning.

If you have a memory device connector to your Musiccarrier (fully described later), you will need to select either the disc or memory device using the DVD/USB button.

4. Once playing, use the remote control to directly access songs or chapters using the numeric keypad.
5. Adjust the volume using the volume control on the front of the Musiccarrier or using the Vol + and Vol – buttons (42) on your remote control.

TAPE PLAYBACK AND RECORDING

1. Using the Function selector switch (50) on the front of your Musiccarrier, select "TAPE".
No video will be displayed on a connected television when playing tapes.
 2. Press the tape Eject button (63) to open the cassette door.
 3. Insert a cassette tape and close the door.
 4. Press the Play button (60) to play.
-
1. Insert a cassette tape into the cassette compartment and close the door.
 2. Press both record and play buttons (59 and 60) simultaneously to start recording.
 3. When the front panel's selector switch is set to DVD or AUX, audio from a disc, external source or microphone will be recorded on the cassette tape. When the Function selector switch (50) is set to TAPE, only audio from the connected microphone(s) will be recorded on the tape.
Note: You only can record audio from a microphone when the TAPE function is selected.

USB/Memory Card Operation

The USB jack on the back of your Musiccarrier provides the option to play files recorded on a USB flash drive or hard drive in Mp3, WMA, JPEG, AVI and VCD formats.

If no disc is in the disc tray, the Musiccarrier automatically loads data from the USB device.
If the player is playing a disc, press the STOP (30) button to stop playing before connecting a USB flash drive or hard drive. Once the USB flash drive or hard drive is connected, press the USB/DISC button. The root directory of the connected USB device will display on the connected television after a few seconds. Use the remote control's directional buttons (24) to select the file you want to play. Press the ENTER (25) button to start playing from the attached USB device.

Your V2GO Musiccarrier is designed to read MP3, MWA, JPEG, AVI and VCD files from an SD card, MMC card or MINI SD card.

If no disc is in the disc tray, the Musiccarrier automatically loads data from the memory card. If the player is playing a disc, press the STOP (30) button to stop playing before connecting a memory card. Once the memory card is inserted, press the USB/DISC button. The root directory of the connected memory card will display on the connected television after a few seconds. Use the remote control's directional buttons (24) to select the file you want to play. Press the ENTER (25) button to start playing from the memory card.

NOTE: The more used memory the attached memory device contains, the longer it will take for the Musiccarrier to read the contents and display the root directory.

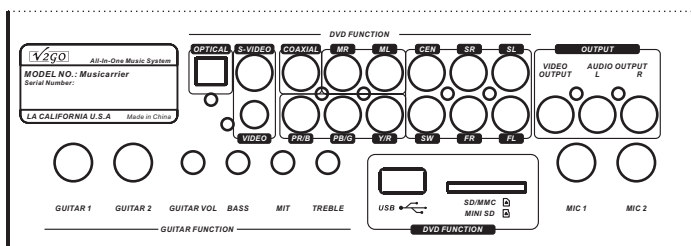


NOTE: The more used memory the attached memory device contains, the longer it will take for the Musiccarrier to read the contents and display the root directory.

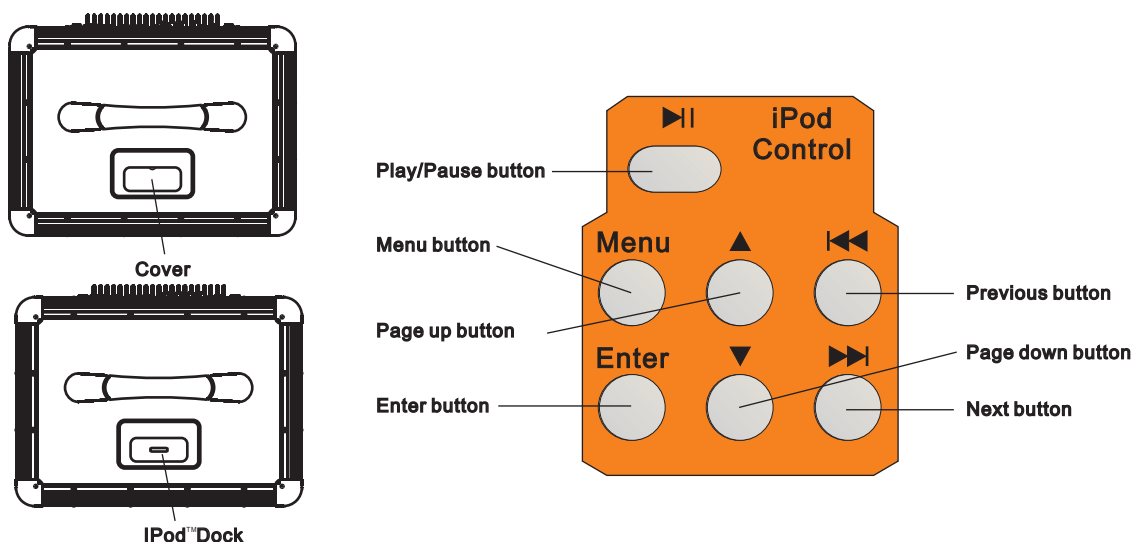
USE INSTRUCTION FOR ELECTRIC GUITAR

Your V2GO Musiccarrier has electric guitar input jacks bringing a new lever of convenience to electric guitar players. Electric guitar players can use the Musiccarrier as a practice amplifier or they can play along with both karaoke discs and CDs.

Connect ¼" instrument cable between the guitar and one of the Musiccarrier's ¼" guitar input jacks. The Musiccarrier offers 2 guitar input jacks allowing the use of 2 guitars at the same time. Adjust the master volume of the two guitars with the GUITAR VOL knob. Increase or lower the low EQ of the guitar with the BASS knob. Increase or lower the mid EQ of the guitar with the MID knob. Increase or lower the high EQ of the guitar with the TREBLE knob.



iPod™ PLAYBACK



Your Musiccarrier supports audio and video playback from the full series of iPod players from Apple. Additionally, you can use your Musiccarrier to recharge your iPod.

1. Remove the cover from the iPod dock on the top of your Musiccarrier.
2. Your Musiccarrier comes supplied with 4 types of iPod docks to fit different iPod models (MINI, NANO, VIDE030 or VIDE060). Choose the suitable dock depending upon your iPod model.
3. Insert your iPod into the Musiccarrier
4. Using the Function selector switch (50) select iPod.
5. Connect the AUX video output of the Musiccarrier to your television to view video stored on your iPod.

Use the Musiccarrier's remote control to control your iPod using the iPod controls (44). Choose those files you wish to play using the Page up/Page down buttons and press the Enter button to confirm your selection. Press the PLAY button to start playback. Press the Previous/Next buttons to select songs while playing. Press the MENU button to return.

DVD PLAY MODES

④ Karaoke Mode

This mode is used for karaoke entertainment. Using your remote control, press the STOP button (30). Press the KARAOKE button (4) to enter the karaoke mode. In the karaoke mode, the CD or CD+G disc stops automatically at the end of each song. The PLAY button (29) must be pressed for the next song. The KEY control (43) is activated only in the karaoke mode. If the key of a song is changed, the Musiccarrier will reset the key to neutral at the end of the song.

NOTE: If your Musiccarrier is connected to an external amplification system, the karaoke music with microphone will only be available at the aux OUTPUT connectors on the back of the Musiccarrier.

⑤ Stereo Mode

With the player stopped, press STEREO button (5) on the remote control to enter this mode. The television screen will display Stereo. Stereo is the recommended mode for enjoying high fidelity music.

NOTE: In the stereo mode, music is available at the ML, MR, FL, FR and KARAOKE OUTPUT jacks.

⑥ 5.1 Channel Mode

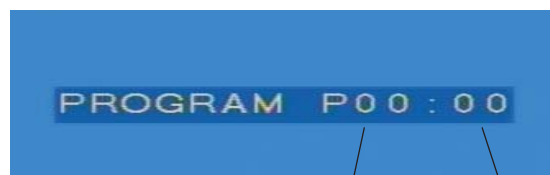
With the player stopped, press 5.1 CH button (6) on the remote control. The television screen will display 5.1 CH. This mode allows for full surround sound viewing when connected to an external surround sound amplifier and speaker system.

NOTE: In the 5.1 channel mode, there will be audio available at the ML, MR, FL, FR, CEN, SL, SR and SW jacks when playing a DOLBY 5.1 channel disc.

⑮ Program Mode

The Program Mode allows the user to program the playback sequence of tracks played. The program mode will not function with DVD, MP3 or VCD 2.0 discs.

1. Insert a CD, MP3 or CD-G disc into the player. Wait a few seconds for the player to read the contents of the disc.
2. Press the STOP button (30).
3. Press PROGRAM button (15) to begin programming.
4. Select the desired track number using the remote control's numeric keypad (12). Each time a track has been selected, the track number will display on the connected video monitor.
5. Press the ENTER button (25) each time a track has been chosen to confirm the choice. Each time the ENTER button is pressed the track number will be added to the playback sequence.
6. In the event a track needs to be removed, press the CLEAR button (17) immediately after the incorrect track is entered.
7. Repeat step 4 and 5 to add additional tracks to the playback sequence.
8. Press the STOP button twice to exit the Program Mode.
9. Press the PLAY button (29) to begin the sequential play back of the programmed tracks.



Play order

Programmed track number

FUNCTIONS AND OPERATIONS

Vocal Partner

Vocal Partner button (#38, pg. 7) controls karaoke disc vocals, turning them Off when you begin to sing, and turning them On when you stop singing (automatically). This function will only work with karaoke discs that have been recorded with demonstration vocals (a singer) singing with the music on either the right audio channel or the left audio channel. This type of karaoke disc is referred to as a Multiplex Disc.

1. Pressing the vocal partner button once. Your television will display VOCAL PARTNER- R. If your multiplex karaoke disc was recorded with the demonstration vocal recorded on the right channel, the demonstration vocal singer's voice will be apparent in your right speaker. With a microphone plugged in, the demonstration singer will disappear once you sing into the microphone and reappear once you stop singing.
2. Press the vocal partner button again and VOCAL PARTNER-L will appear on your television. If your multiplex karaoke disc was recorded with the demonstration vocal recorded on the left channel, the demonstration vocal singer's voice will be apparent in your left speaker. With a microphone plugged in, the demonstration singer will disappear once you sing into the microphone and reappear once you stop singing.
3. Press the vocal partner button again to disable this function.

Note: These functions are applicable for CD, CD+G, and VCD karaoke discs only.

Key Control

The Key Control buttons (43) are typically used only with karaoke discs, although it can be used at anytime in the karaoke mode. The Key Control buttons change the key of the playback music up and down in ½ steps, allowing the singer to sing in a key comfortable for his or her voice. The b button lowers the key while the # button raises the key. Neither button changes the speed of the music. Neither button affects the microphone(s).

Video Output Select

The Musicarrier supports a number of different types of video output including: VGA, SCRAT, composite S-video and PR/B – PB/G – Y/R.

Once your video monitor is connected to the Musicarrier select the video type as follows:

1. Depress the Stop button (30).
2. Depress the Video button (9).
3. Within 2 seconds depress the Enter button (25).
4. Repeat this process as many times as necessary to get the video type necessary for proper display on your monitor.

8 Video Type Select

The N/P button (8) is used to switch between NTSC and PAL video format discs.

5. Depress the Stop button (30).
6. Depress the N/P button (8).
7. Within 2 seconds depress the Enter button (25).
8. Repeat this process as many times as necessary to get the video type necessary for proper display on the attached video monitor.

This process allows the user to choose between MULTI, SYSTEM, NTSC and PAL. Settings for 480P, 576P, and 720P should be selected in the SETUP menu described later.

NOTE: Occasionally when adjusting the Musiccarrier's settings the user may create a situation where the system needs to be reset to factory defaults because the user may no longer be able to view system information on the video monitor. To reset all functions to the factory default:

1. Turn the power off using the Power button on the Musiccarrier.
2. Turn the Power back on.
3. Press the eject button on the Musiccarrier
4. Using the Musiccarrier's front panel numeric keys, enter 222888
5. Press the Stop button (30)
6. Turn the power off using the Power button on the Musiccarrier.
7. Turn the Power back on.

10 Audio Output

The Audio Output button (10) is used with DVD discs to access different audio modes available on the DVD.

11 Audio Playback Mode

The R/L button (11) is used when playing CD, CD-G, VCD and MP3 format discs to select the audio playback mode. Available modes are mono, left, right and stereo.

13 OSD Display

Press the OSD button (13) to display the currently selected track and time information. Four displays are available: single track time, total disc time, up count time and count downtime.

14 Repeat Mode

The Repeat mode is comprised of 2 buttons (both shown as 14); the Repeat and the A/B buttons. When playing a disc, press the Repeat button once and the connected monitor will display Rept 1, indicating that the current song or chapter will repeat until the Stop button (30) is pressed. Pressing the Repeat button again will cause the entire disc to repeat until the Stop button (30) is pressed. Pressing Repeat again returns the mode to full disc play and stop. This mode is available with any type of disc.

The A-B mode button allows the user to select a starting point and ending point to repeat within a DVD chapter. This function will only work with DVD discs. While playing a DVD disc, press the A-B button immediately followed by the Enter button (25) at the point that the section is to be repeated from. Continue playing until the end of the section is reached and press A/B immediately followed by the Enter button (25). The selected section will play repeatedly until either the A-B button or the Stop button (30) is pressed.

12 Numeric Keypad

Direct numeric access buttons are used to enter song or chapter numbers between 1 and 999. Combinations of digits must be entered within 5 seconds of each other. Numbers entered that exceed the number of tracks or chapters on the disc playing will be ignored.

24 Directional Arrows

The 4 direction buttons (24) are used to navigate around the menu screens. When displaying JPEG images from a disc, memory card or USB device, these buttons may be used to rotate the JPEG image right to left, up to down and so on.

27 Zoom Button

The Zoom button (27) is used to magnify the image on the attached video monitor. The image size is increased by a factor of 1.5x, 2x and 3x. Once an image is magnified, the Direction buttons (24) may be used to move the magnified image across the connected video monitor. When displaying JPEG images, use the ◀◀ (33) button to zoom out and the ▶▶ (32) button to zoom in. The JPEG image may be rotated using the Direction buttons (24).

18 Search Play

The Search button (18) is used to select specific titles and chapters within a DVD disc. When the Search button is pressed a search dialog will appear on the connected video monitor. Use the right and left arrows to select Chapter or Title. Use the numeric keypad to enter specific Chapter and Title numbers, followed by the Enter button (25). With the Musicarrier stopped and a USB device connected, the Search button may be pressed to display the root directory of the USB device.

31 Step Button

The Step button (31) causes the DVD to pause playback. Once paused, each time the Step button is pressed the DVD will scan forward 1 frame. Press the Play button (29) to resume normal play.

34&35 Previous And Next

The Previous button (34) allows the user to interrupt the currently playing track or chapter and skip backwards to the beginning of the currently playing track. The Next button (35) allows the user to interrupt the currently playing track or chapter and skip forwards to the beginning of the next track.

33&32 Backward And Forward

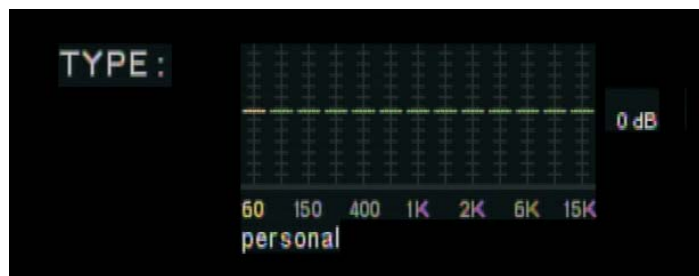
The Fast Forward button (32) allows the user to quickly move forward within the currently playing track or chapter. The Fast Forward will increase the speed each time it is pressed – 2x, 4x, 6x and 8x, and then returning to normal play. The Fast Reverse button (33) allows the user to quickly move backwards within the currently playing track or chapter. The Fast Reverse will increase the speed each time it is pressed – 2x, 4x, 6x and 8x, and then returning to normal play.

NOTE: This function is disabled when playing CD-G karaoke discs.

39 EQ(Equalizer)

The EQ button (39) allows the user to customize the sound of music or other playback material to suite their tastes. Pressing the EQ button turns the equalizer on. Pressing the EQ button a second time displays the Dynamic Frequency Spectrum. Pressing the EQ button a third time turns the equalizer off.

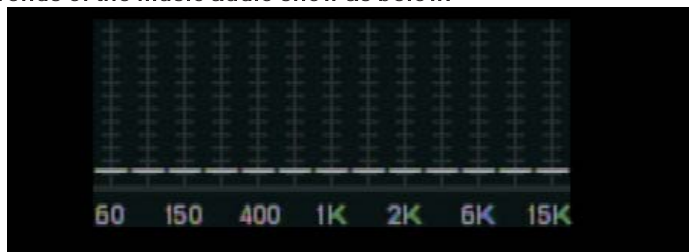
Preset and custom equalization modes are available. Press the EQ button once to turn the EQ on. Press either the Enter (25) or the Play (29) button to enter the custom EQ settings. A total of 8 EQ settings are available – Standard, Classic, Jazz, Rock, Pop, Ballad, Dance and Personal. In the Personal setting the user may adjust each band of the EQ as desired. The EQ level of each band is adjusted with the Up and Down directional buttons (24). Shifting from one band to another is accomplished using the Right and Left directional buttons (24). Once adjustments are complete, press the EQ button to save and select the Personal setting.



Personal setting

Dynamic frequency spectrum display:

The frequency trends of the music audio show as below.



Dynamic frequency spectrum display

7 Slow Play

The Slow button (7) allows the user to slow the playback speed of DVDs and VCDs. While playing a DVD, pressing this button allows the user to slow down the playback to $\frac{1}{2}$ or $\frac{1}{8}$ normal speed in either the forward or backward direction. When playing VCD discs the Slow button will slow the playback to $\frac{1}{2}$ or $\frac{1}{8}$ speed but only in the forward direction. Press the Slow button once for $\frac{1}{2}$ speed and a second time for $\frac{1}{8}$ speed. Pressing the Slow button again will result in normal play. When the Musicarrier is playing in the slow mode, the audio output is disabled.

42 Volume Up & Down

The Music Volume Control buttons (42) allow the user to adjust the playback volume of the Musiccarrier. This control has no effect on attached audio amplifiers, PA systems, etc.

53 Music Volume Control

The Music Volume Control buttons (42) allow the user to adjust the playback volume of the Musiccarrier. This control has no effect on attached audio amplifiers, PA systems, etc.

26 Menu Mode

The Menu Mode (26) allows the user to bring up the main menu of a DVD disc. Once the DVD disc's main menu is displayed, use the directional arrows (24) to navigate to the desired menu item. Pressing the Enter (25) or the Play (29) button selects the chosen menu item.

20 VCD Menu (PBC ON)

The PBC (Playback Control) button (20) is used with VCD discs exclusively. Pressing the PBC button with a VCD inserted will bring up the VCD disc's main menu. Use the Numeric Keypad (12) to select the desired VCD scene. Confirm the selection by pressing the Enter button (25).

21&22 Title & Subtitle

Pressing the Title button (22) brings up the title menu on a DVD disc.

Pressing the Subtitle button (21) brings up the subtitle display on DVD discs allowing that option.

19 Change Angle Play

When playing a DVD disc that incorporates multi-angle playback, the Angle button (19) allows switching between the video angles.



Angle 1



Angle 3

[29] [28]&[30] Play, Pause & Stop

Pressing the Play button (29) starts playback of the currently playing disc. Pressing the Pause button (28) pauses the playback of the currently playing disc. Pressing the Stop button (30) stops playback of the currently playing disc.

[48]&[18] Karaoke Tune Up

Karaoke adjustment: When in karaoke mode, you can adjust the volume of the microphone and the digital echo as you like.

MIC knob

To raise or lower the volume of MIC 1 and MIC 2.

ECHO knob

To raise or lower the echo level of microphones.

Tape Functions and Operations

Tape playback [60] : Put the tape into the cassette compartment and close it up. Press ► button to start.

Pause [64] : Press II button to pause when playing. Press again to continue playback.

Fast forward search [62] : Stop playback and press ►► button to advance the tape.

Fast backward search [61] : Stop playback and press ◀◀ button to reverse the tape.

Recording [59] : Record and play button must be pressed simultaneously to start recording. Recording doesn't work if no tape is in cassette compartment or write protect notches are removed.

Stop [63] : Press stop button to stop playback/recording/fast search.

Eject [63] : Stop playback and press ■▲ button to open cassette compartment door.

[53] Amplifier Volume Control

Adjust the amplifier volume of Musiccarrier with the Music VOL knob.

[51] BBE Audio Effect

BBE effect: Musiccarrier provides you BBE effect function. Press BBE button to set the function ON/OFF. The BBE indicator will light when the function ON.

[50] Function Selector

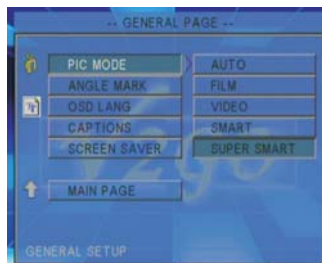
Select AUX, DVD or TAPE function.

SETUP MENU

Stop any playback. Press Setup button (23) to enter the Setup menu.

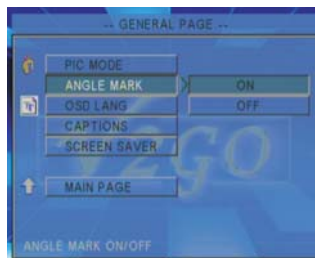
Use the Directional Arrow buttons (24) and Enter (25) button to select the desired operation.
To exit Setup, press Setup button or choose the Exit Setup option on the attached video display.

General Setup



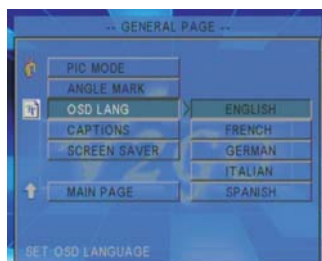
1. PIC MODE

Use to set the picture mode.



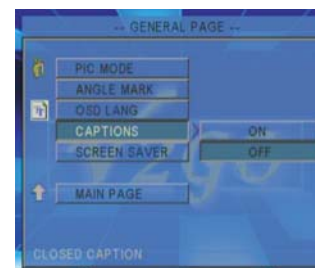
2. ANGLE MARK

Use to display the multi-angle mark when playing multi-angle DVD discs. When set to ON, the Angel Mark will display when multi-angles are available. When set to OFF, no multi-angle mark will be displayed.



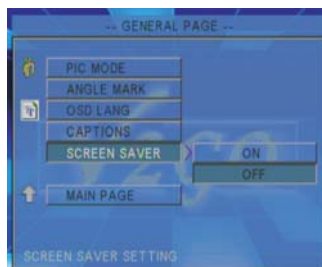
3. OSD LANGUAGE

Use to select your screen display language.



4. CAPTIONS

Set to ON to show captions and OFF to hide them.



5. SCREEN SAVER

Use to set the Screen Saver On or OFF. When set to ON the screen saver will start if the Musicarrier has been inactive for an extended period of time. The screen saver will not automatically start if OFF has been selected.

Speaker Setup



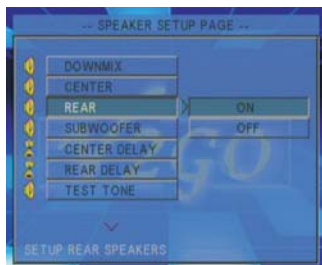
1. DOWNMIX

Two audio channels will be available when LT/RT or STEREO is selected. When set to 5.1 CH mode, 6 audio channels (surround sound) will be available.



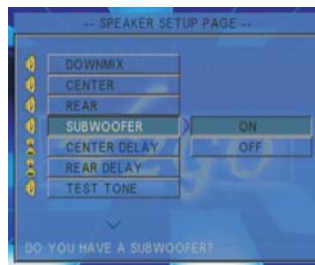
2. CENTER

Select ON to enable output from center speaker. Select OFF when standard stereo has been selected.



3. REAR

Select ON to enable left surround (SL) and right surround (SR) channels. Select OFF when standard stereo has been selected.



4. SUBWOOFER

Select ON to enable subwoofer speaker output. Select OFF when standard stereo has been selected.



5. CENTER DELAY

Use to select the delay time of the center signal output.



6. REAR DELAY

Use to select the delay time of the SL/SR output to match the placement of the center speaker.



7. TEST TONE

In the 5.1 CH mode (surround sound) the Test Tone is used to test each of the connected speakers. The left corner of the connected video monitor will graphically display each speaker as it is sequentially tested. Select OFF to end the test.

Audio Setup



1. SPDIF OUTPUT

This sets the optical and coaxial digital outputs to ON or OFF. Set to OFF if no digital or optical devices are connected. Set to SPDIF/RAW when connected to an amplifier with Dolby decoding. Set to SPDIF/PCM when using a stereo amplifier to play Dolby digital discs.



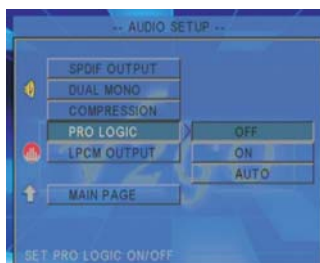
2. DUAL MONO

Use to select STEREO OUTPUT, L-MONO output, R-MONO output or MIX-MONO output. MIX-MONO results in a mono audio signal sent to both the R and L speakers.



3. COMPRESSION

Use to control acoustic highs and loud portions of an audio track (example: a war movie with bombs exploding and then with people whispering in the next scene). This control dynamically lowers the volume and still keeps the original quality of the audio track.



4. PRO LOGIC

Use to turn the built-in Dolby decoder ON or OFF. The AUTO setting automatically selects the disc format.



5. LPCM OUTPUT

Use to select personal preferences of audio timbre.

Karaoke Setup



1. KARAOKE MODE

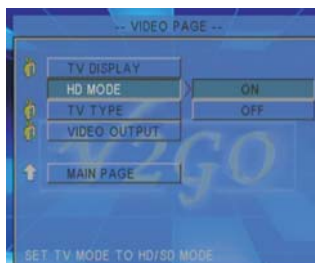
Select ON to enter the karaoke mode. Key control function is only available with the KARAOKE mode turned on. Select OFF to turn off the karaoke mode. When 5.1 CH is selected the KARAOKE mode is set to OFF automatically.

Video Setup



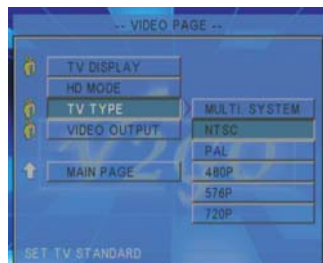
1.TV DISPLAY

Use the TV DISPLAY to choose the TV display mode for video output.



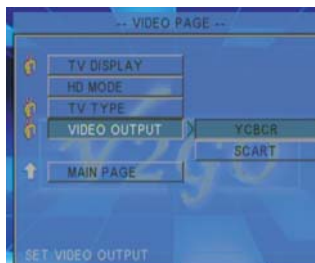
2. HD MODE

Turn ON to enable the HD mode.
Turn OFF to disable the HD mode.



3.TV TYPE

Set the video output that matches your television's system format.

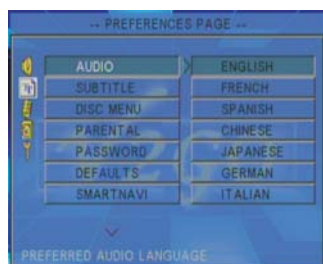


4.VIDEO OUTPUT

Select the video output connection type.

Preferences Setup

Stop playing before entering setup.



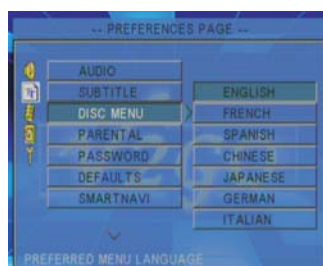
1.AUDIO

Use to select language for discs with multi-language capabilities.



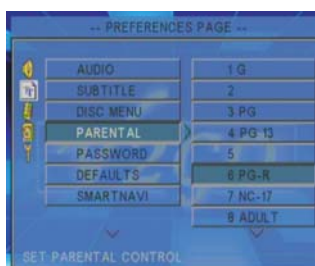
2.SUBTITLE

Use to select your preferred subtitle language.



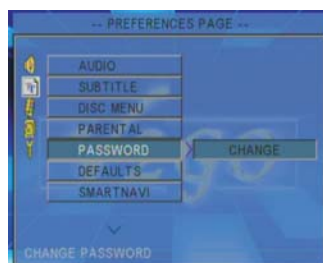
3. DISC MENU

Use to select the disc language.



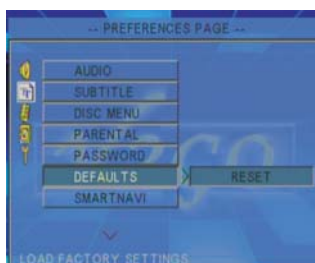
4.PARENTAL

Allows the user to set passwords for each rating of DVD discs – G, PG, PG-13, R and X ratings are supported. The user must enter a password before changing the level of control.



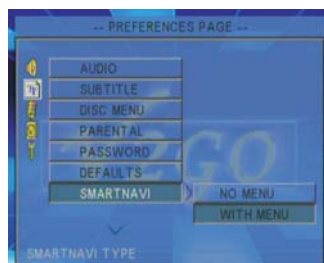
5.PASSWORD

The user may change the password with this option. The existing password is required before changes are allowed. In the event the password has been forgotten, enter 3308 to reset the system.



6.DEFAULTS

Use to reset the Musiccarrier's preferences to the original factory presets.



7.SMART NAVI

Use to enable MP3 discs to play as if they were standard CD discs.

SPECIFICATIONS

Model	Musiccarrier	Audio output format	Stereo, 5.1CH, optical and coaxial
Power requirements	115VAC/230VAC,50/60HZ	DVD frequency response	20HZ-20KHZ
Power consumption	90W	DVD S/N ratio	80dB
Supported disc formats	DVD, MPEG-4, VCD1.0-3.0, MP3, CD+G, CD, JPEG,	DVD harmonic distortion	0.3%
Disc size	Diameter: 4.72"/120mm 3.15"/80mm	Karaoke frequency response	20HZ-20KHZ
Video format	NTS, PAL, AUTO	Karaoke S/N ratio	70dB
Video output type	Composite video, S-VIDEO VGA, SCART, RGB	Echo level	10 levels
Video output level	CVBS: 1Vp-p/75ohm	Total harmonic distortion	0.5%
Audio out	45W@8Ω RMS	Dimensions (L)*(W)*(H)	12.6"/320mm x 9.8"/250mm x 20.5"/520mm
Remote distance	Max 23'7 meters @ 30° angle	Weight	24.1lbs/10.9kg
Microphone input sensitivity	Max 10mV		

TROUBLESHOOTING

Symptom	Possible Causes	Handling
No power	1. The power cord isn't connected or isn't connected firmly	Make sure the power cord is plugged into an outlet and the Musicarrier
	2. The power supply hasn't been switched ON	Make sure the power supply to the outlet is switched ON
	3. The fuse is blown	Replace fuse. Note: If the replacement fuse blows have the unit examined by a qualified service technician
Display No Disc after placing a disc	Wrong disc format not match (Please refer to page 26)	Use correct format discs
	The disc is scratch or deformed	Use a different disc
No video color or video contains static	The DVD video format or television format do not match in Setup	Switch to the same format (Please refer to page 28)
No S-VIDEO output	S-Video is not selected as the video output format in Setup	Change the video output format (Please refer to page 28)
No VGA output	VGA output is not selected in Setup	Change the video output format (Please refer to page 28)
No SCART output	SCART is not selected in Setup	Change the video output format (Please refer to page 28)
No optical or coaxial output	Check the audio setting in Setup	Set the digital output to RAW or PCM (Please refer to page 27)
Remote is not functioning or is less sensitive	Batteries are dead	Replace the batteries

Note:

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