



Passionate about Music
It's what we do!

Better Music Builder®.com

Better Music Builder® is a leader in the Audio and Karaoke equipment industry. We are committed to offering you high quality audio products. Unlike any others brand, we deliver the best cost and value to you directly. For the latest update information including operation manuals, installation instructions, hook-up diagram and other new technologies updates etc. please visit us at our website www.BetterMusicBuilder.com.

OWNER'S MANUAL

DYNAMIC FUSION AMPLIFIER

DX-333 G2

G2 SERIES
Generation 2



Thank you for purchasing this unit. To make full and effective use of this unit, please read this Owner's Manual carefully before operating it. Please retain this manual for future reference.

www.BetterMusicBuilder.com



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INTRODUCTION

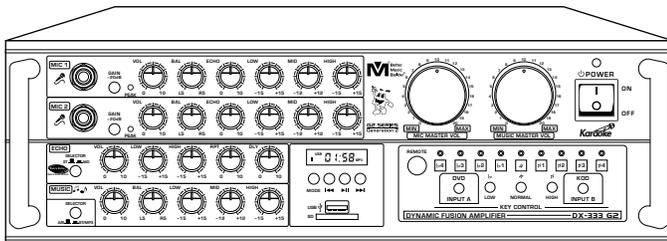
While keeping the integrity and quality of the original DX-333, the improved connectivity drives the new Better Music Builder Dynamic Fusion Amplifier DX-333 G2 into the digital age. The Dual-Channel amplifier works with all your favorite devices as it features Bluetooth connectivity and a Multimedia Expansion Port that supports USB/SD storage.

The Dynamic Fusion Amplifier DX-333 G2 features many recognizable functions users enjoyed on its best-selling predecessor. It features a user-friendly interface designed with fast access to effects control in mind. There's built-in Equalizer for music and vocal with a 9-Steps Music Key Control and independent microphone effects control. A convenient Volume Reset function allows user to choose a preset music volume. The DX-333 G2 is equipped with a standard built-in Smart Fan that automatically activates when high temperature is detected to keep the machine running cool and extend product life.

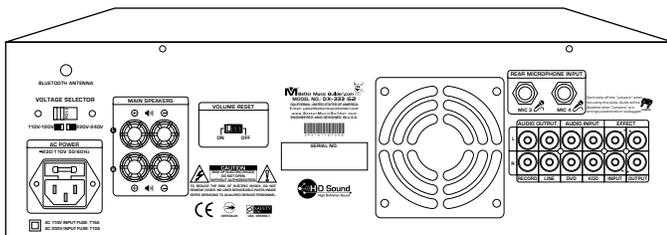
Users will see a lot of welcomed upgrades too. The Better Music Builder Dynamic Fusion Amplifier DX-333 G2 is no pushover as it packs a more powerful punch at 700 watts - able to power any spacious room. Although the amplifier is powerful, its size was not compromised. It comes in a slimmer size and weights 45% less than its predecessor. A pair of handles is mounted for even more portability. A voltage selector is also added so users can bring the amplifier across continents - talk about portability.

Better Music Builder is simply the best solution for home and professional karaoke performance!

DX-333 G2 Front View



DX-333 G2 Rear View



SYSTEM FEATURES

DYNAMIC FUSION AMPLIFIER

- 700 Watts Dual Channel Dynamic Fusion Amplifier
- Multimedia Expansion Control (USB/SD reader)
- Bluetooth Connectivity
- User-friendly Control Center
- 9-Steps Music Key Control
- Microphone Master Volume and Music Master Volume
- Independent Microphone
- Volume/Balance/Echo/Low/Mid/High Control
- Microphone Echo Volume/Low/High/Repeat/Delay Control
- Music Volume/Balance/Low/Mid/High Control
- (4) 1/4" Microphone Inputs
- (2) RCA Audio Inputs
- (3) RCA Audio Outputs
- Effect Input/Output
- Volume Reset
- Voltage Selector
- Built-In Smart Fan
- Rack Mountable

DX-333 G2 PACKAGE CONTENTS:

- Amplifier: 1 pc
- Remote Control: 1 pc
- Power Cable: 1 pc
- Instructional Manual: 1 pc
- Warranty & Registration Card: 1 pc



SAFETY INSTRUCTIONS

Please visit our website at BetterMusicBuilder.com for the most updated information, corrections on errors and changes in this manual. You may also contact us at toll free at 1-800-318-2218.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED PERSONNEL		

1. Read Instructions: All the safety and operation instructions should be read before this product is operated.
2. Retain Instructions: The safety and operating instructions should be kept for future reference.
3. Warnings: All warnings on this product in these operating instructions should be followed.
4. Follow Instructions: All operating and other instructions should be followed carefully.
5. Water and Moisture: This product should not be used near water, for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, swamp or salivating St. Bernard dog, etc.
6. Cleaning: Clean only with a dry cloth.
7. Ventilation: This product should be situated so that its location or position does not interfere with its proper ventilation. For example, the Component should not be placed on a bed, sofa, rug, or similar surface that may block any ventilation openings, or placed in a built-in installation such as a bookcase or cabinet that may impede the flow of air through ventilation openings.
8. Heat: This product should be stayed away from heat sources such as radiators, or other devices producing heat.
9. Power Sources: This product should be connected to a power supply only of the type described in these operation instructions or as marked on this product.
10. Power Cord Protection: Power supply cords should be routed so that they are not likely to be walked upon or pinched by items placed upon or against them. Please pay particular attention to cords plugs, convenience receptacles, and the point where they exit this product.
11. Object and Liquid Entry: Care should be taken so that objects do not fall on, or liquids are not spilled into this product.
12. Damage Requiring Service: This product should be serviced only by qualified service personnel when:

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

13. Servicing: The user should not attempt to service this product beyond those means described in this operating manual. All other servicing should be referred to the Service Department.

14. To prevent electric shock, do not use this polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

15. Grounding or Polarization: Precautions should be taken so that the grounding or polarization means of this product is not defeated.

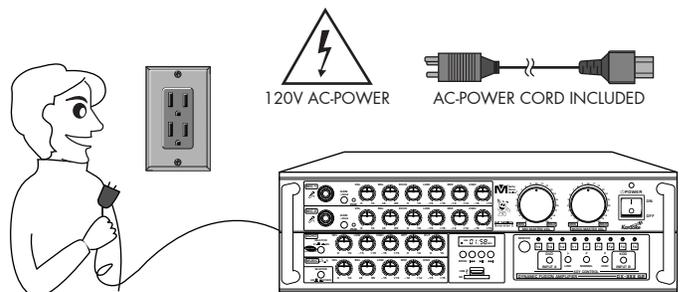
16. Power Precaution: Unplug this product during lightning storms or when unused for long periods of time. Note that this product is not completely disconnected from the AC power source when the power switch is in the OFF position.

17. This machine does not exceed the Class A/Class B (whichever is applicable) limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of the US Department of Communications.

AC-POWER SOURCES

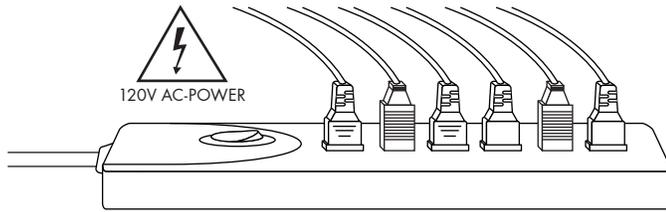
This set should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of electrical power supplied to your home, consult your dealer or local power company. For those sets designed to operate from battery power, or other sources, refer to the operating instructions.

This unit is designed for use with 120V/60Hz AC. If the area where you live have different power source, you may need to use a transformer to convert to 120 Volts AC.



OVERLOADING

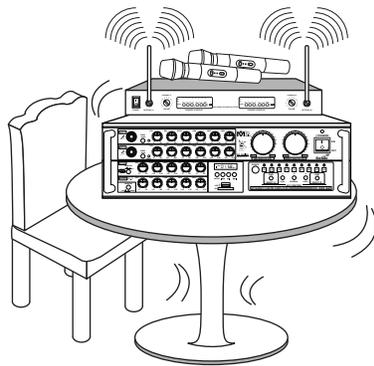
Do not overload wall outlets, extension cords or convenience receptacles beyond their capacity, since this can result in fire or electric shock.



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.

Do not place the electronic equipment onto the unstable table or stand.

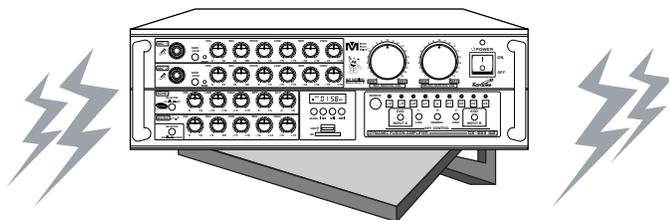
It is because it would fall easily from the unstable table or stand, so it may cause accident including personal injuries and damage the equipment. Please follow our instructions to install the equipment, or you may hire a professional technician to handle the installation for safety purpose.



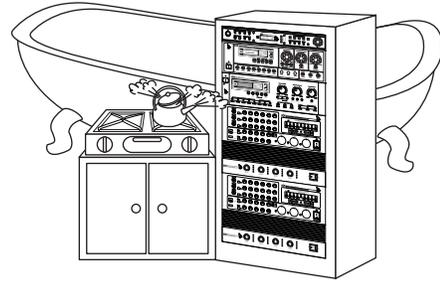
Do not place the set on an unstable cart, stand, tripod, bracket, or table. The set may fall, causing serious injury to a child or an adult and serious damage to the set. Use only a cart stand tripod, bracket, or table recommended by the manufacturer.

For the set with a three-wire grounding type ac plug:

This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to have a suitable outlet installed. Do not defeat the safety purpose of the grounding plug.

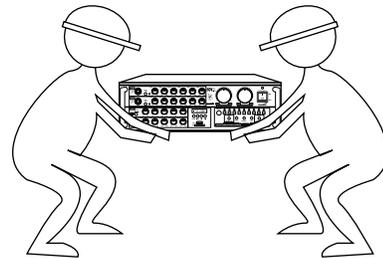


Do not store the electronic equipment near water or area with moisture such as bathroom, kitchen sink, laundry area and swimming pool, etc.



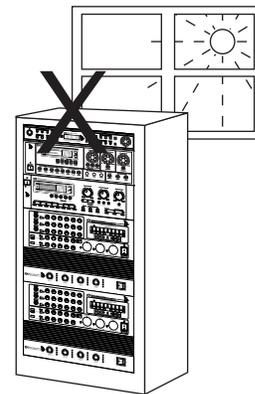
Do not transport the electronic equipment by yourself if its weight exceeds 70 pounds.

It is recommended that two people work together to transport the equipment or by using hand truck and the like.



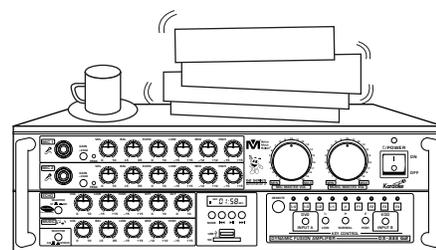
Do not place the electronic equipment directly under sunlight or close to the window.

It may cause overheat on the electronic equipment by the sunlight.

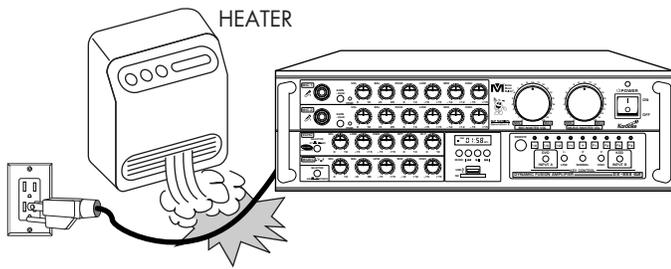


Do not block the openings and vents in the cabinet which is designed for the ventilation of the electronic equipment.

The blocking may cause overheat in the electronic equipment because of insufficient circulation of air, so it would damage the electronic equipment.

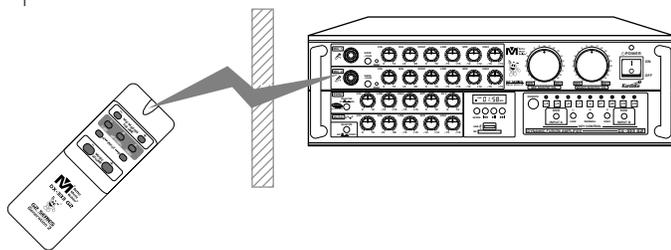


Do not place the electronic equipment near heat sources such as stoves, radiators and heaters, etc. Placing the electronic equipment too near to these heat sources would result in damaging the equipment and causing fire.



Using the Remote Control Unit

Use the remote control unit by pointing it towards the remote control sensor on the amplifier. Objects between the remote control unit and the remote control sensor may prevent proper operation.

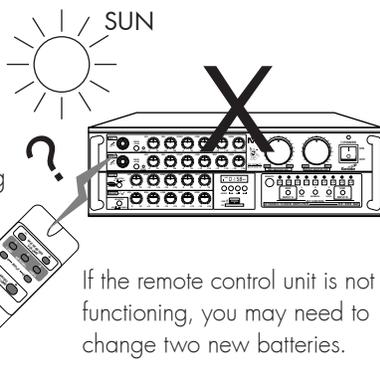


Cautions Regarding the Remote Control Unit

- Do not expose the remote control unit to shock. In addition, do not expose the remote control unit to liquids, and do not place in an area with high humidity.

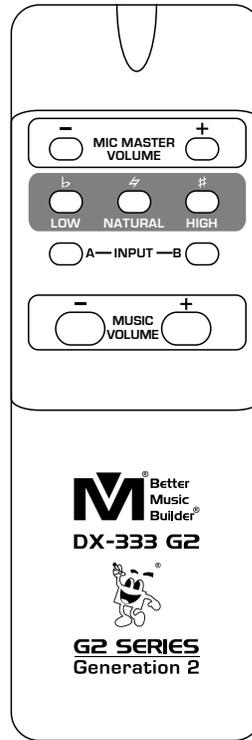


- Do not install or place the remote control unit under direct sunlight. The heat may cause deformation of the remote control unit.
- The remote control unit may not work properly if the remote control sensor on the amplifier is under direct sunlight or strong lighting. In such cases, change the angle of the lighting or the amplifier, or operate the remote control unit closer to the remote control sensor.



PACKAGE ACCESSORIES

The package comes with (1) amplifier, (1) owner's manual, (1) warranty & registration card, (1) remote control, and (1) AC power cable. All other accessories mentioned in the manual for installation purpose are not included. They are sold separately.



Remote control



AC power cable (6 feet)
United States (2M) to IEC (F)



Consumer warranty
and registration card
<Mail in U.S.A. only> Consumers from Canada
can get the warranty card by downloading it
from our website www.BetterMusicBuilder.com.



Owner's Manual

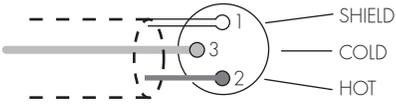


SPEAKER CONNECTION METHODS AND INFORMATION

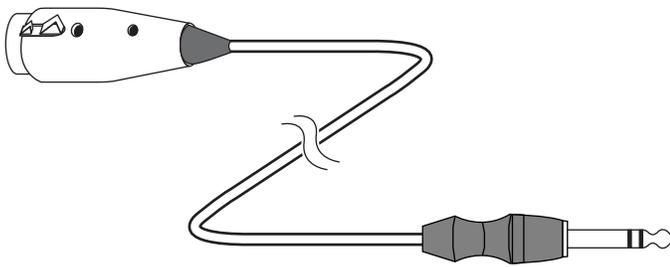
CONNECTOR INFORMATION

Balanced XLR Connectors

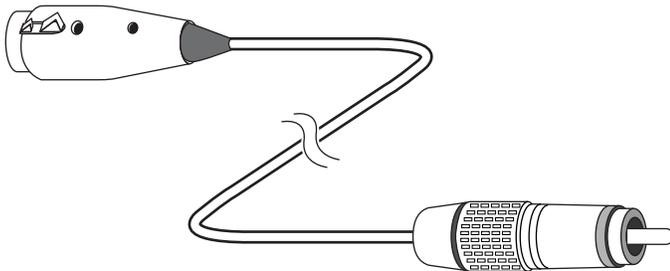
	XLR	TRS
Hot (+)	Pin 2	Tip
Cold (-)	Pin 3	Ring
Shield (Ground)	Pin 1	Shield



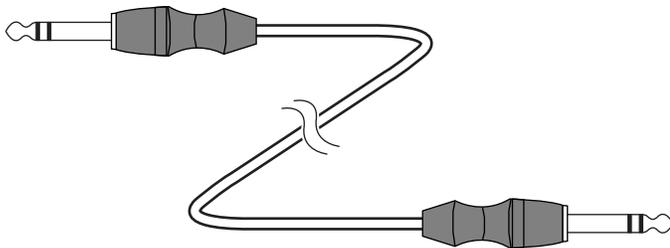
XLR to 1/4" Cable



XLR to RCA Cable

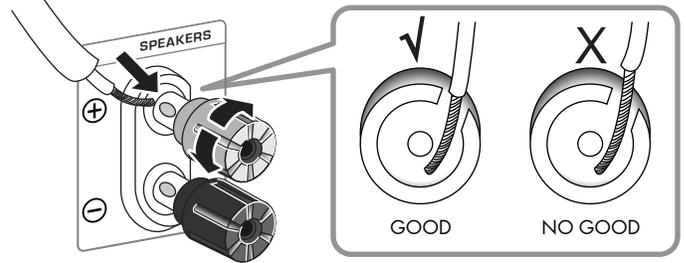


1/4" to 1/4" Cable

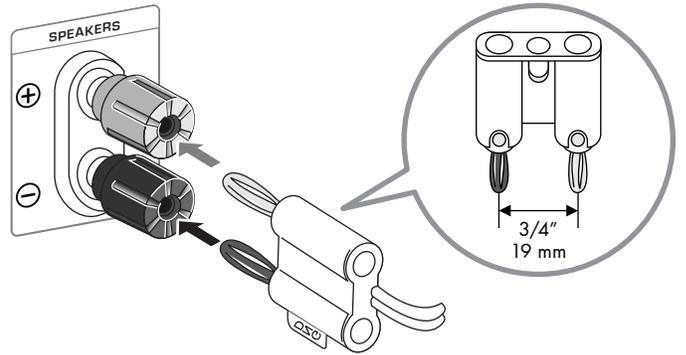


METHODS OF SPEAKER CONNECTION

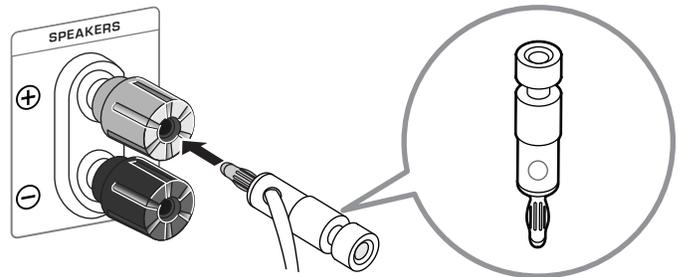
1. Wire Insert Type (Poor Connection)



2. Double Banana Plug Type (Standard Connection)



3. Single Banana Plug Type (Superior Connection)



Either banana plug or wire insert type can be used to connect the unit to speakers. Be sure to connect red (+) to red (+) and black (-) to black (-). Otherwise, the sound output would be 180° out of phase and distorted.

Follow these steps to insert the wire directly into the speaker terminal.

1. Strip off the vinyl covering and twist the tip of the wire core.
2. Loosen the knob and insert the wire core into the terminal hole.
3. Tighten the knob to fix the wire core in place.

Do not allow the wire core to protrude or touch other terminals or wires, otherwise, damage may occur.



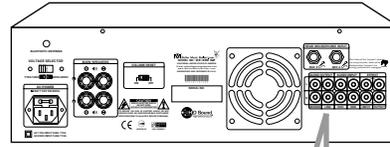
SYSTEM APPLICATIONS

LINE OUTPUT EXTENSION FOR LARGE FORMAT SOUND SYSTEM

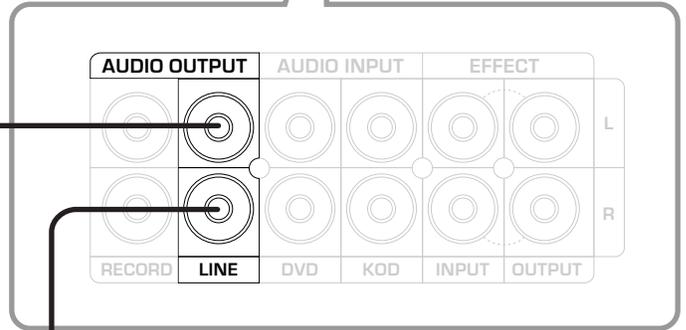
DX-333 G2 is an excellent professional amplifier with power output of 700 watts. It's perfect for karaoke and DJ. Using the line audio output offered by the DX-333 G2, you can extend its functions by connecting to other devices to get the full live sound effect.

Why connect an additional 2-channel power amplifier to a mixing amplifier?

The DX-333 G2's power can only reach a maximum of 800 square feet, if it's being used in a bigger area like a commercial space, you'll need to extend its power by connecting to a 2-channel power amplifier. 3-channel power amplifier is also available. Please review the diagram. We recommend contacting our authorized dealer for advice and recommendation on connections.



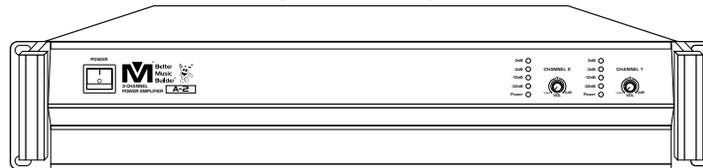
DX-333 G2 REAR VIEW



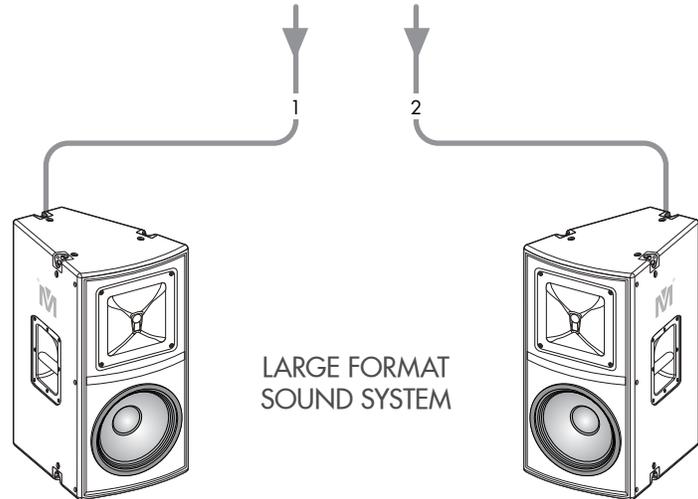
1. MAIN LEFT 2. MAIN RIGHT

Connect to 2-Channel Power Amplifier for more power

CHANNEL 1: MAIN LEFT SPEAKER
CHANNEL 2: MAIN RIGHT SPEAKER



2-CHANNEL POWER AMPLIFIER

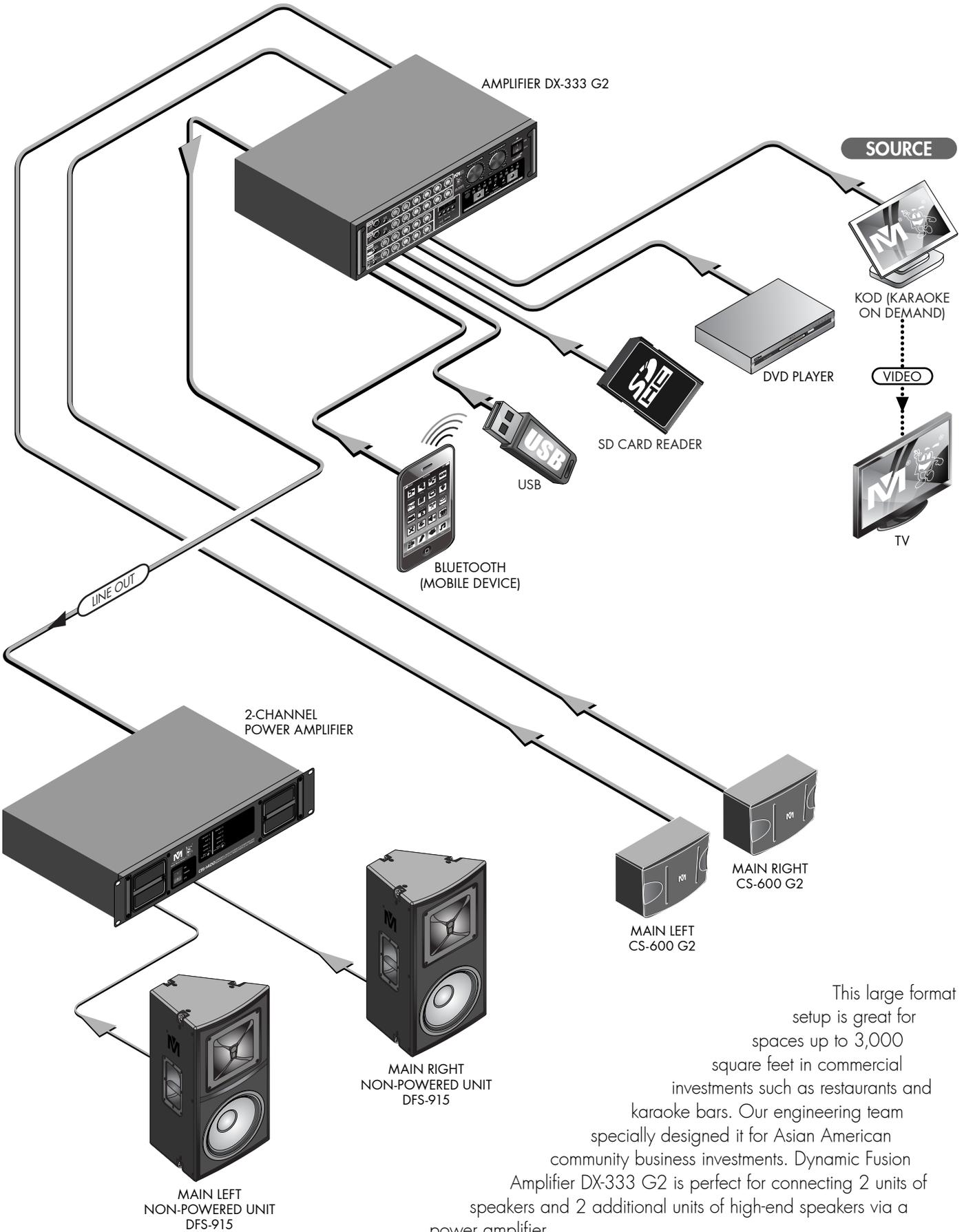


MAIN LEFT
NON-POWERED UNIT
DFS-915

MAIN RIGHT
NON-POWERED UNIT
DFS-915

LARGE FORMAT
SOUND SYSTEM

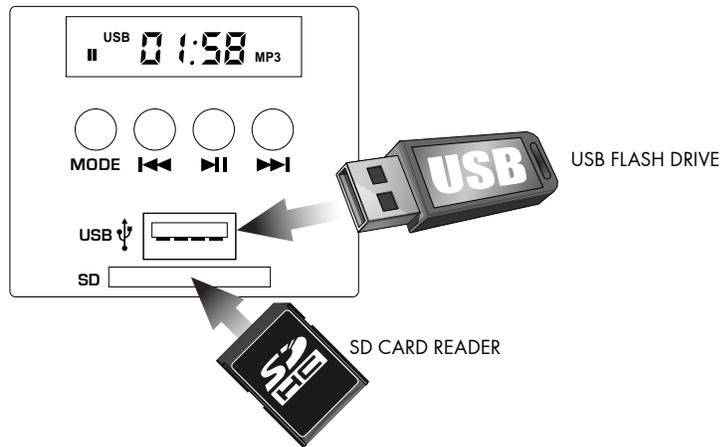
CONNECTING THE WHOLE SYSTEM FOR LARGE FORMAT



This large format setup is great for spaces up to 3,000 square feet in commercial investments such as restaurants and karaoke bars. Our engineering team specially designed it for Asian American community business investments. Dynamic Fusion Amplifier DX-333 G2 is perfect for connecting 2 units of speakers and 2 additional units of high-end speakers via a power amplifier.

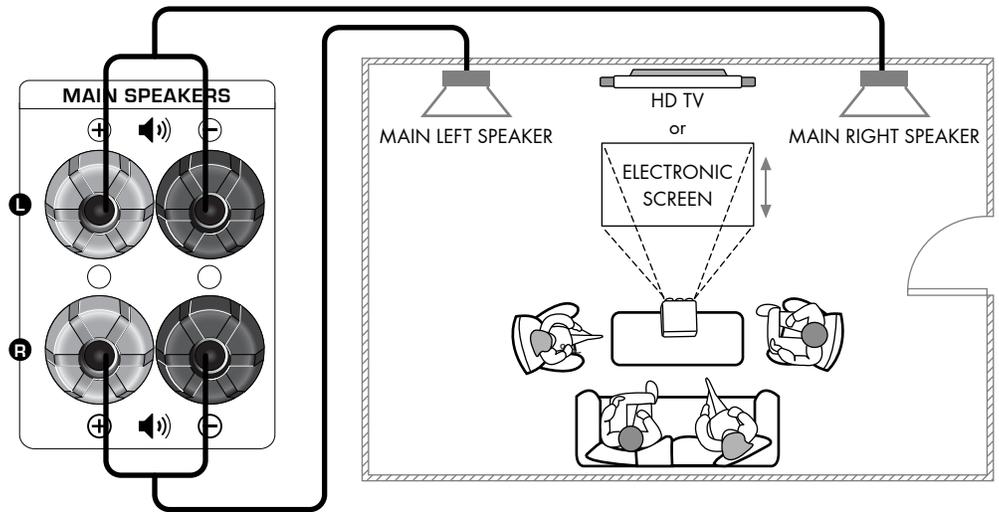
MULTIMEDIA EXPANSION BAY – MP3 SOURCE INPUT

Multimedia Expansion Bay provides easy access to MP3 files in USB and SD connection. You can find the ports on the front panel. Note that only one port can be used at once.



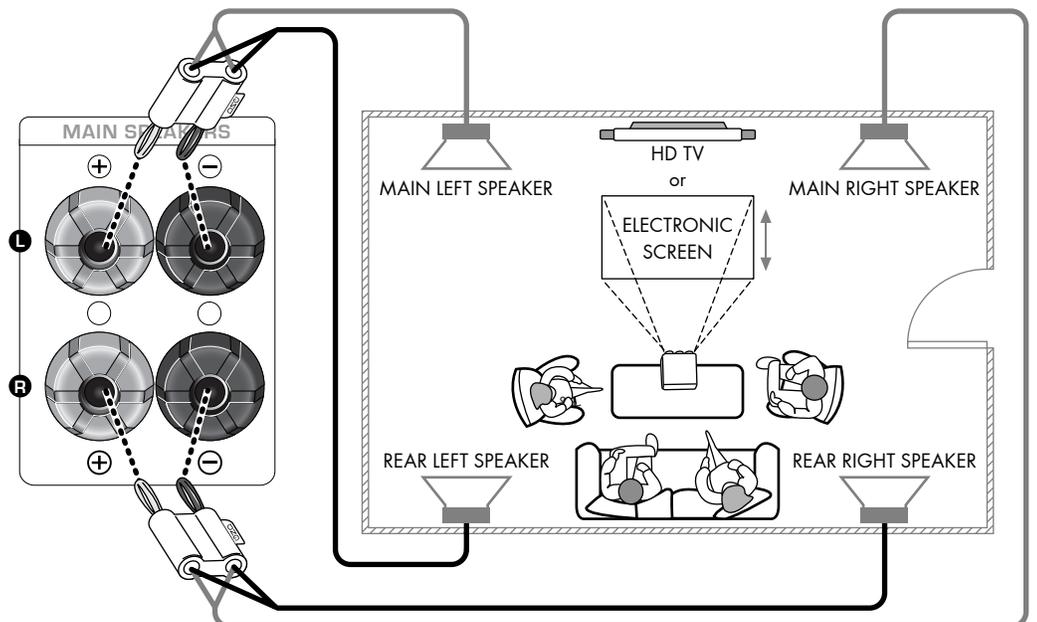
CONNECTING THE MAIN SPEAKERS for 2-CHANNEL

DX-333 G2 is designed to drive two main speakers in a room. Ones that produce most of the music output.



CONNECTING THE MAIN SPEAKERS for 4-CHANNEL

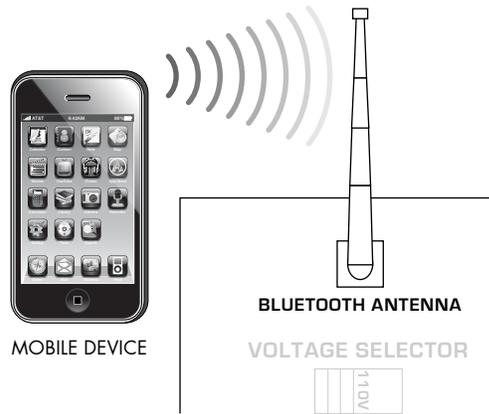
The DX-333 G2 is also capable of driving four speakers (two main and two rear speakers) to achieve a surround sound effect. Please refer to the diagram for proper wire connection.



CONNECTING BLUETOOTH

1. Ensure Bluetooth is turned "ON" in your mobile device.
2. With the DX-333 G2 powered "ON", search for available bluetooth networks from your mobile device. The amplifier will appear in the Bluetooth network list as "BT SPEAKER".
3. Connect to "BT SPEAKER".

NOTE ▶ You may be prompted to enter a password, if so, enter "0000" (zeroes).

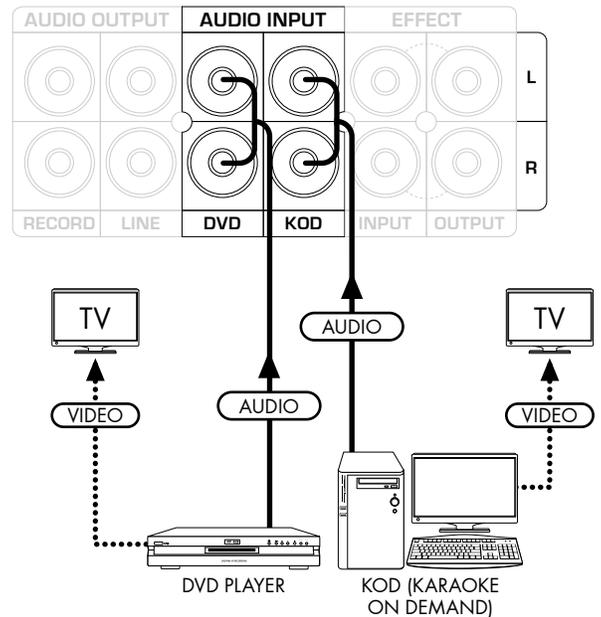


CONNECTING THE AUDIO INPUT SOURCE

Before connecting the audio source (i.e. KOD & DVD), turn off power for all devices to prevent damage to the equipment. To connect the audio source, please refer to the diagram. To ensure high quality sound and video, we recommend using high quality cables and connectors.

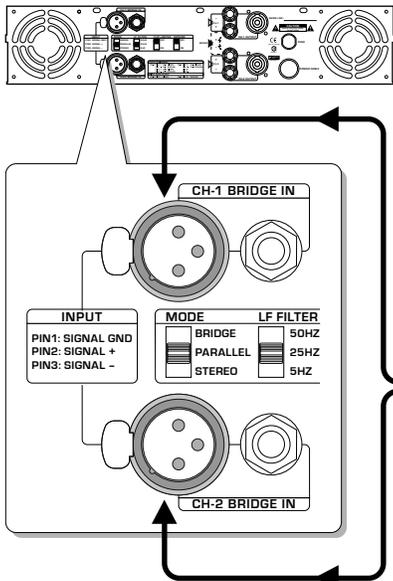
KOD stands for Karaoke On Demand. It is a karaoke player with built-in hard drive capable of storing a large amount of music videos. KOD is an all inclusive software and hardware management tools controlled by a computer. KOD is capable of handling all the accounting management includes food/beverage, hourly room rentals, content and distribution of music videos on an as needed basis. This is the main workhorse of the KTV commercial business.

NOTE ▶ If there's a humming sound after turning on the machine, the audio connection may be in the video input or the video connection may be in the audio input.



CONNECTING THE AUDIO LINE OUTPUT

POWER AMP REAR VIEW

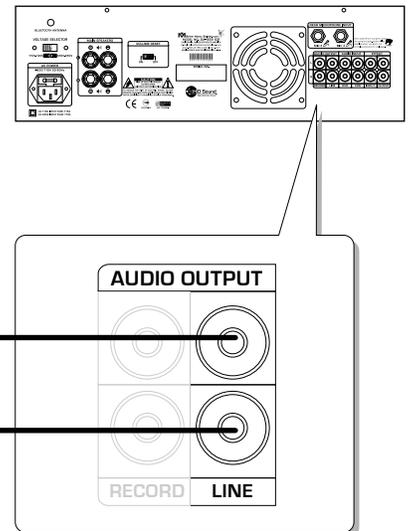


The 1/4" unbalanced cable is a standard audio signal connection. The XLR balanced cable is a higher quality signal connection recommended for the best audio performance.

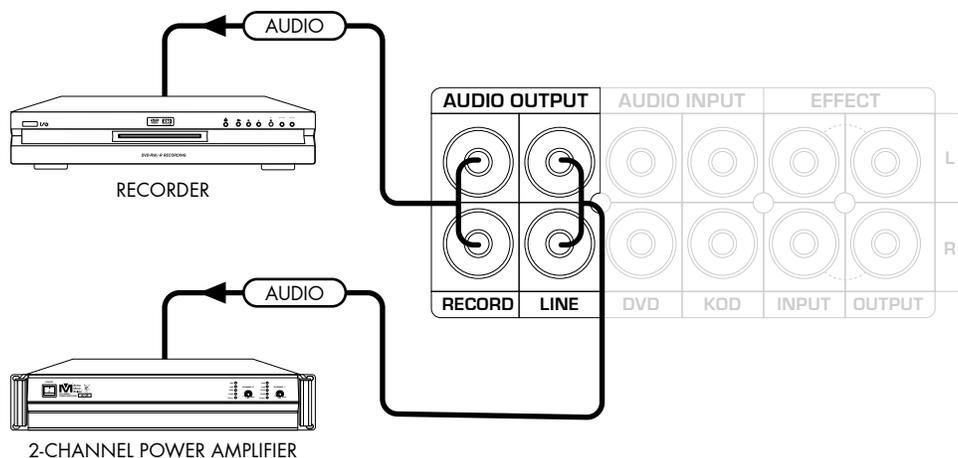


AUDIO (XLR) BALANCE OUTPUT
XLR (MALE) TO RCA CABLE

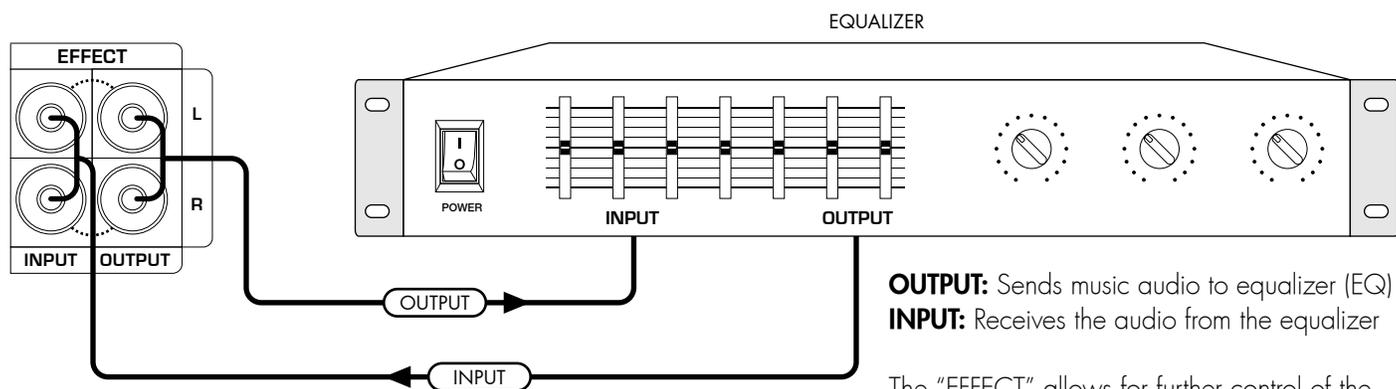
DX-333 G2 REAR VIEW



CONNECTING THE AUDIO OUTPUT



CONNECTING THE EQUALIZER

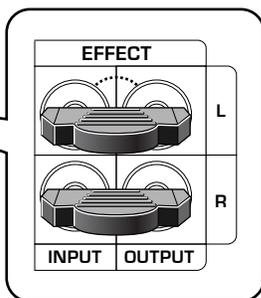
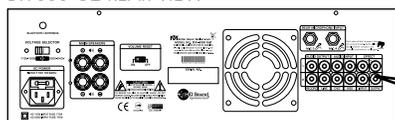


OUTPUT: Sends music audio to equalizer (EQ)
INPUT: Receives the audio from the equalizer

The "EFFECT" allows for further control of the audio using an external equalizer.

"JUMPERS" CONNECTION

DX-333 G2 REAR VIEW

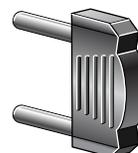


✓ Right Position



JUMPER (HORIZONTAL)

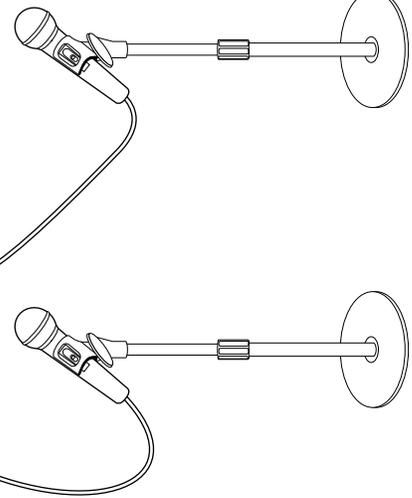
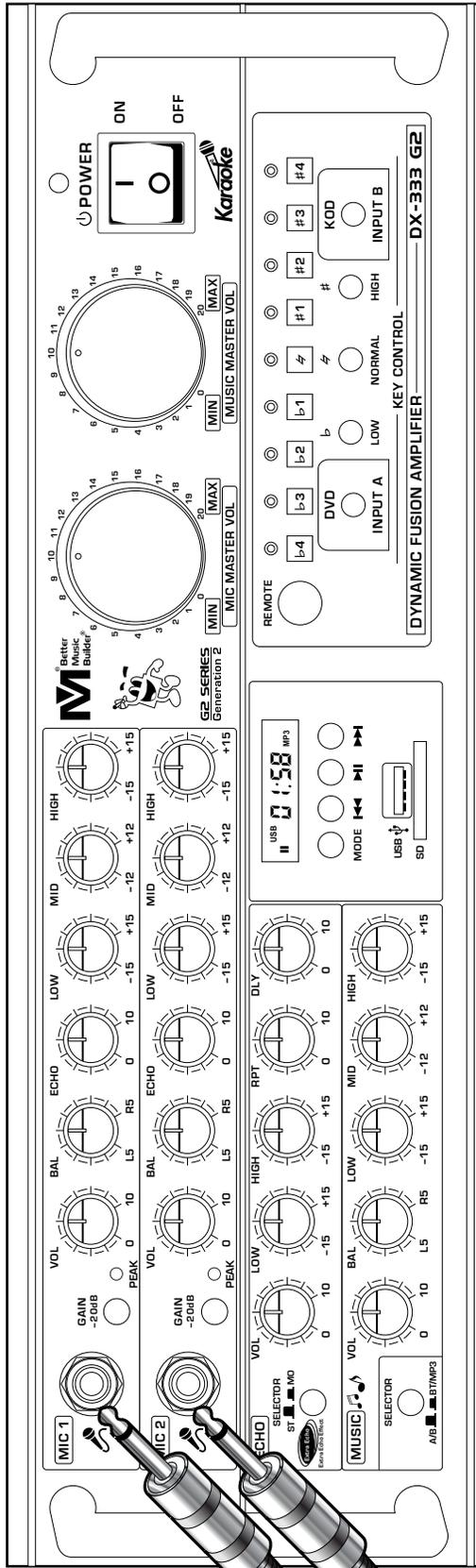
✗ Wrong Position



JUMPER (VERTICAL)

NOTE Don't take off the "jumpers" when not using the jacks. Audio will be disabled when "jumpers" are wrongly positioned or unplugged.

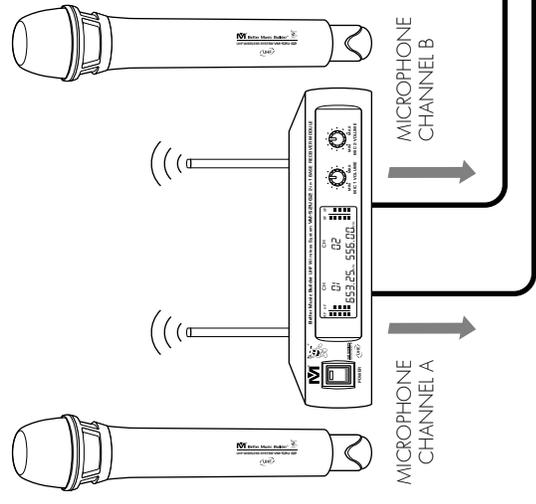
CONNECTING THE MICROPHONE INPUT



NOTE

Adjust MIC Master Volume to 0 dB before inserting 1/4" microphone plugs into the MIC inputs to avoid feedback and/or damage.

CONNECTING THE MICROPHONE INPUT



Rear microphone inputs are designed for wireless microphone, while front microphone inputs are designed for wired microphones.

BLUETOOTH ANTENNA

VOLTAGE SELECTOR

110V-120V 220V-240V

AC POWER

~230/110V 50/60Hz

AC 110V INPUT FUSE: T15A
AC 230V INPUT FUSE: T10A

REAR MICROPHONE INPUT

MIC 3

MIC 4

Don't take off the "jumpers" when the microphone will be disabled after "power-on" or "power-off" if the microphone is wrongly positioned or unplugged.

MAIN SPEAKERS

L R

VOLUME RESET

ON OFF

HD Sound

High Definition Sound

CAUTION

RISK OF ELECTRIC SHOCK
WITHOUT AUTHORIZATION
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CE

39553E28 USA 39589E1

Better Music Builder.com

MODEL NO.: DX-333 G2

CALIFORNIA, UNITED STATES OF AMERICA

Email: sales@bettermusicbuilder.com

ENGINEERED AND DESIGNED IN U.S.A.

3 9 5 4 1 8 1 1 7 2 0 0

SERIAL NO.

REAR MICROPHONE INPUT

AUDIO OUTPUT

AUDIO INPUT

EFFECT

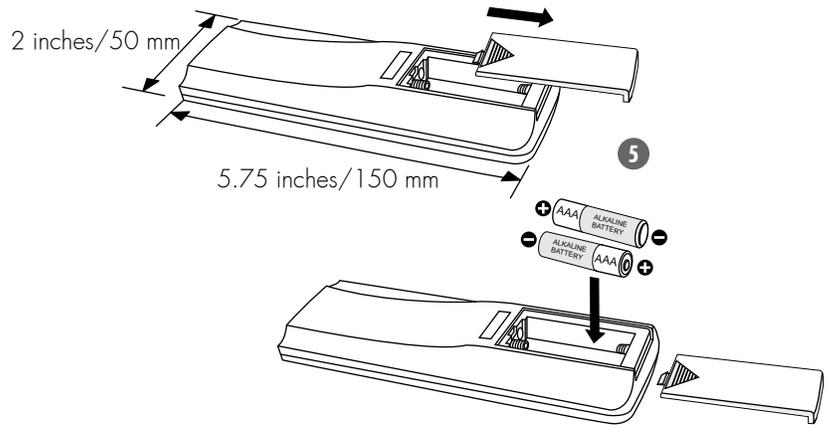
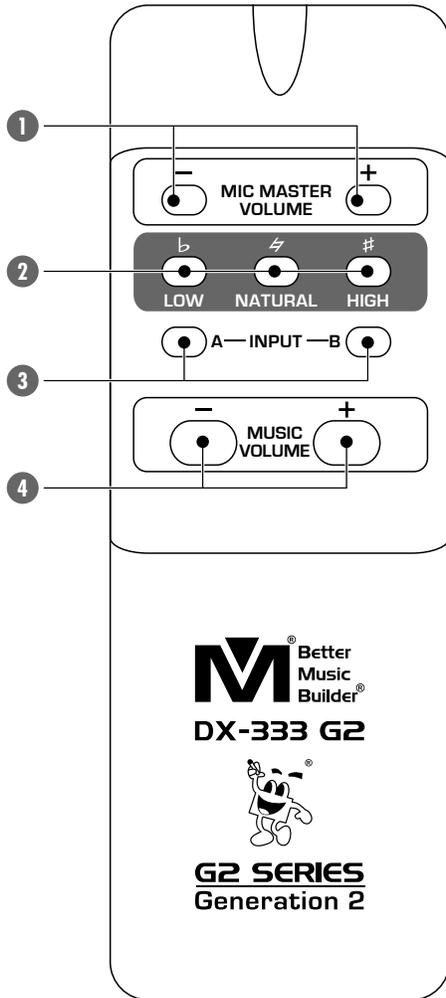
L R

RECORD LINE DVD KOD INPUT OUTPUT



CONTROLS AND FUNCTIONS

REMOTE CONTROL:



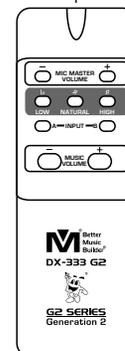
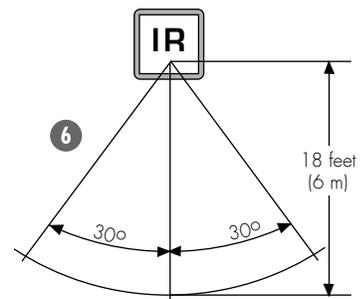
5 CHANGING BATTERIES

Open the battery compartment cover on the back of the remote control unit. The cover should open easily if you press and slide it in the direction of the arrow. Insert two AAA batteries as shown and slide the cover back on.

6 USING THE REMOTE CONTROL UNIT

When operating the remote control, point the remote's infrared port to the front panel of the amplifier. The remote control can be used within a range of 18 feet (6 meters) from the remote sensor and within angles of up to 30 degrees.

REMOTE CONTROL SENSOR



1 MICROPHONE MASTER VOLUME

Microphone Master Volume control.

2 KEY CONTROL: **b** LOW, **⚡** NATURAL, **#** HIGH

Controls the music key.

3 INPUT A (DVD) AND INPUT B (KOD) SELECTION

4 MUSIC MASTER VOLUME

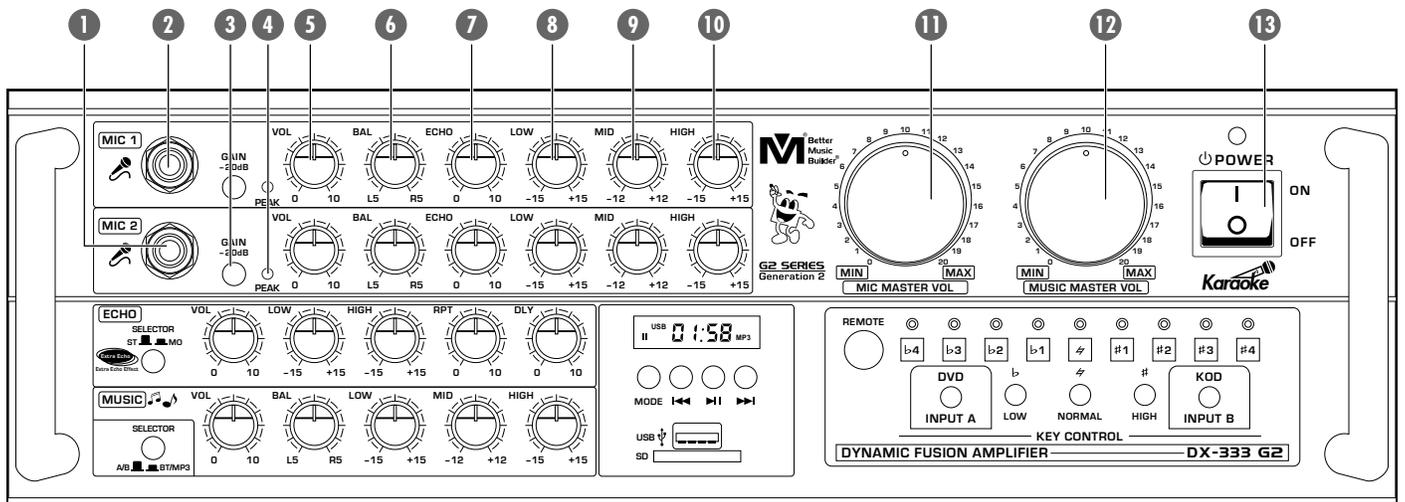
Music Master Volume control.



CONTROLS AND FUNCTIONS

FRONT PANEL (TOP):

- 1 MIC. 2 INPUT (1/4 inch PORT)**
This port is for microphone input 2.
- 2 MIC. 1 INPUT (1/4 inch PORT)**
This port is for microphone input 1.
- 3 MIC. GAIN SWITCH KEY**
Press switch inward to decrease the microphone output by 20dB and release to outward position to revert back to normal volume.
- 4 MIC. SIGNAL LIGHT**
When audio signal reaches a high level, the light will flash.
- 5 MIC. VOLUME CONTROL**
Adjusts the microphone volume.
- 6 MIC. BALANCE CONTROL**
Adjusts the microphone signal for left and right speakers.
- 7 MIC. ECHO VOLUME CONTROL**
Adjusts the microphone echo effect.
- 8 MIC. LOW CONTROL**
Adjusts the microphone low frequency.
- 9 MIC. MIDDLE CONTROL**
Adjusts the microphone middle frequency.
- 10 MIC. HIGH CONTROL**
Adjusts the microphone high frequency.
- 11 MIC. MASTER VOLUME CONTROL**
Controls all microphones output level. The volume level ranges from 1 to 20 units (not dB level).
- 12 MUSIC VOLUME CONTROL**
Adjusts the volume of the audio source. The volume level ranges from 1 to 20 units (not dB level).
- 13 POWER SWITCH**



FRONT PANEL (BOTTOM):

14 DVD/KOD OR BLUETOOTH/MP3 SELECTOR

15 STEREO OR MONO SELECTOR

Adjusts echo to stereo or mono.

16 MUSIC VOLUME CONTROL

Adjusts the music volume level.

17 ECHO VOLUME CONTROL

Adjusts the echo volume level for all microphone inputs.

18 MUSIC BALANCE CONTROL

Adjusts the music balance signal for left and right speakers.

19 ECHO LOW FREQUENCY CONTROL

Adjusts the low frequency.

20 MUSIC LOW FREQUENCY CONTROL

Adjusts the low frequency.

21 ECHO HIGH FREQUENCY CONTROL

Adjusts the high frequency.

22 MUSIC MIDDLE FREQUENCY CONTROL

Adjusts the middle frequency.

23 ECHO REPEAT CONTROL

Adjusts the echo repeat of the echo effect.

24 MUSIC HIGH CONTROL

Adjusts the high frequency.

25 ECHO DELAY CONTROL

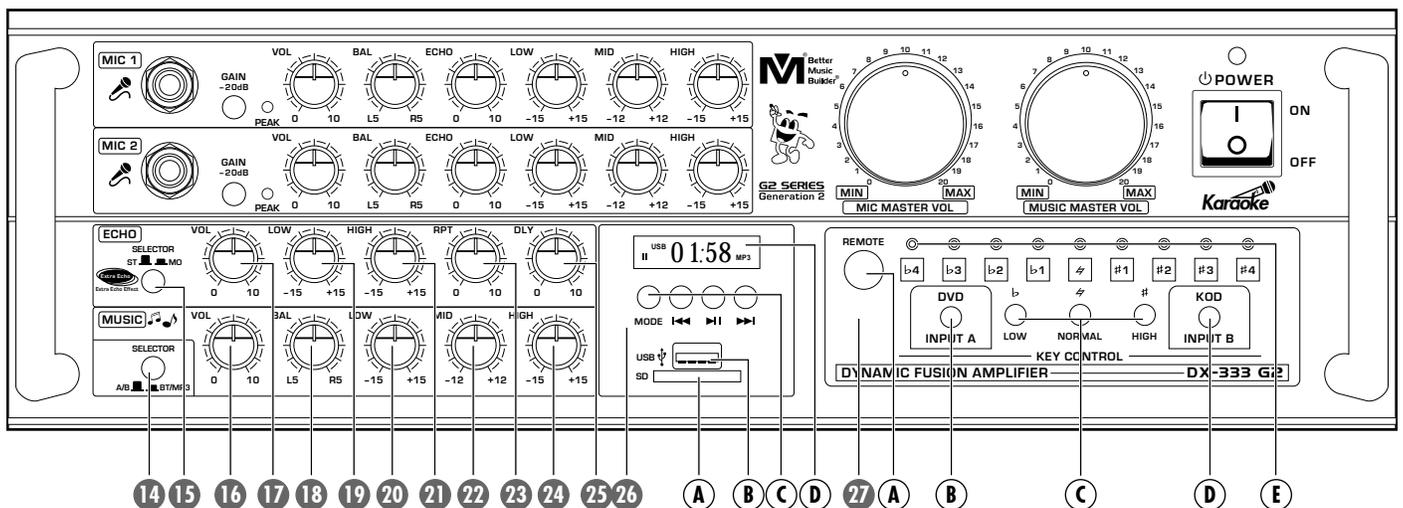
Adjusts the echo delay time of the echo effect.

26 MULTIMEDIA EXPANSION BAY

- A. SD CARD PORT
- B. USB PORT
- C. CONTROL FUNCTIONS
- D. LCD: System status display.

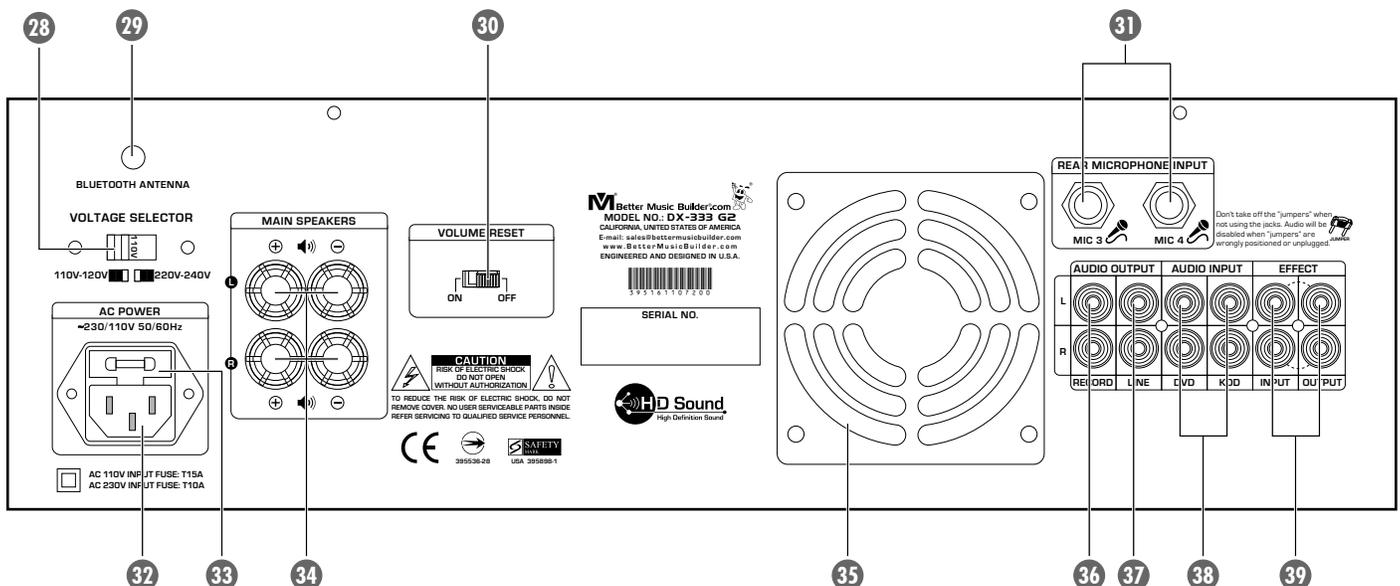
27 MUSIC KEY CONTROL/INPUT SELECTOR

- A. INFRARED SENSOR FOR REMOTE CONTROL
- B. INPUT A (DVD) BUTTON
- C. MUSIC KEY CONTROL BUTTONS:
Control the music key (b LOW, n NATURAL, # HIGH)
- D. INPUT B (KOD) BUTTON
- E. KEY CONTROL INDICATOR



REAR PANEL:

- 28 VOLTAGE SELECTOR**
Select 110V for USA & Canada and 220V for Asia and Europe.
- 29 BLUETOOTH ANTENNA**
- 30 VOLUME RESET**
Automatic zero volume reset.
- 31 REAR MICROPHONE INPUTS (1/4 inch PORT)**
MIC 3 Shares the microphone control panel with MIC 1 while MIC 4 Shares the microphone control panel with MIC 2.
- 32 AC POWER**
Select 110V for USA & Canada and 220V for Asia and Europe.
- 33 FUSE**
Housing for the power supply fuse
- 34 MAIN SPEAKER OUTPUT TERMINAL**
Dedicated main speaker output.
- 35 LOW NOISE SMART COOLING FAN**
- 36 AUDIO RECORDER OUTPUT TERMINAL**
- 37 LINE AUDIO OUTPUT**
- 38 AUDIO INPUT TERMINAL**
DVD and KOD audio input.
- 39 SOUND EFFECT INPUT AND OUTPUT**
Enable connection to reverberation unit, equalizer and other sound assisting devices. Don't take off the "jumpers" when not using the jacks. Audio will be disabled when "jumpers" are wrongly positioned or unplugged.

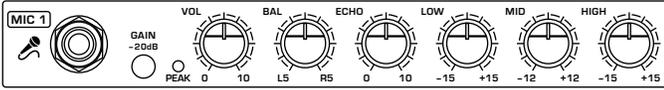




OPERATION

FRONT PANEL OPERATION

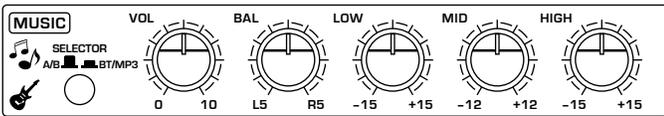
BALANCING THE MICROPHONE LEVELS



Below are the recommendations on microphone levels:

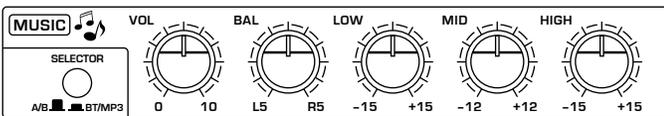
1. First adjust the MIC VOLUME control to approximately 50%.
2. Then balance the LOW, MID and HIGH controls to approximately 40-60%.
3. Fine-tune each MIC CHANNEL as necessary until you get a clean balanced mix.

BALANCING THE MUSIC CHANNEL



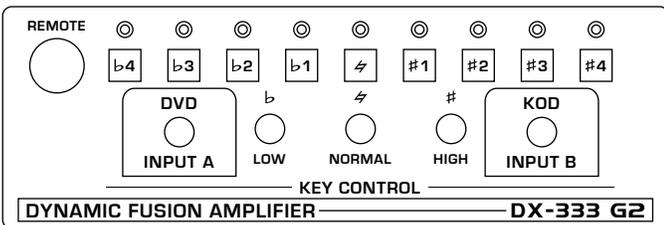
Follow the same procedure as microphone levels for balancing the music levels.

ECHO EFFECT



ECHO EFFECT control adjusts special effects for microphone vocal such as Repeat, Delay, Low, High and Volume.

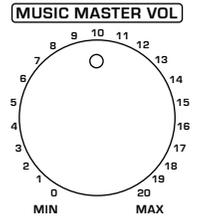
MUSIC KEY CONTROL



Adjust the music key to compliment your singing voice; Increase the music keys from #1 to #4 and decrease the music keys from b1 to b4.

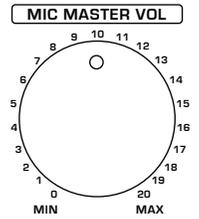
ADJUSTING THE MUSIC VOLUME

This knob controls the volume for MUSIC. Slowly turn the knob clockwise to increase and counter-clockwise to decrease the music volume.



ADJUSTING THE MIC MASTER VOLUME

This knob controls the volume for MICROPHONE. Slowly turn the knob clockwise to increase and counter-clockwise to decrease the microphone volume.

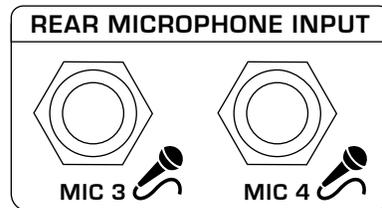


REAR PANEL OPERATION

MICROPHONE INPUT

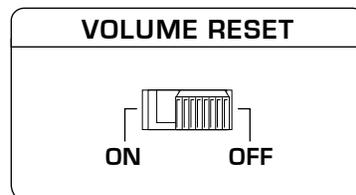
There are two microphone inputs ports (1/4" unbalanced) on the front panel: MIC 1 and MIC 2.

There are two microphone inputs ports (1/4" unbalanced) on the rear panel: MIC 3 and MIC 4.



AUTOMATIC ZERO VOLUME ADJUSTMENT

The volume reset adjustment automatically sets both of the MIC MASTER VOL and MUSIC MASTER VOL to zero when the power is turned on. This would avoid sudden peaks and damage to the equipment.

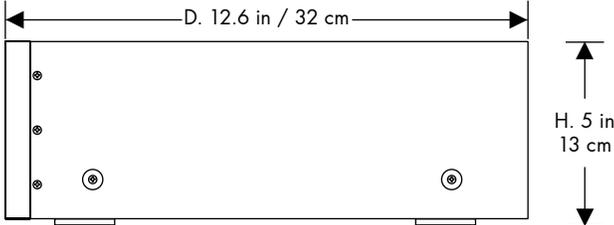




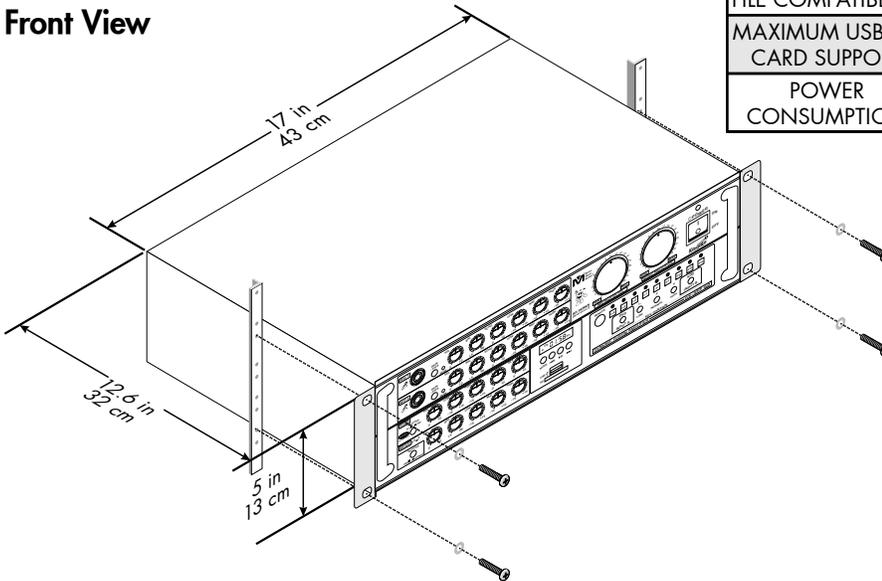
PHYSICAL DIMENSIONS

NET WEIGHT	25.6 lbs / 11.6 Kg
SHIPPING WEIGHT	27.6 lbs / 12.5 Kg
DIMENSIONS (WxHxD)	17x5x12.6 in / 43x13x32 cm
PACKING DIMENSIONS (WxHxD)	20.3x7.9x15.2 in / 51.5x20x38.5 cm

Side View



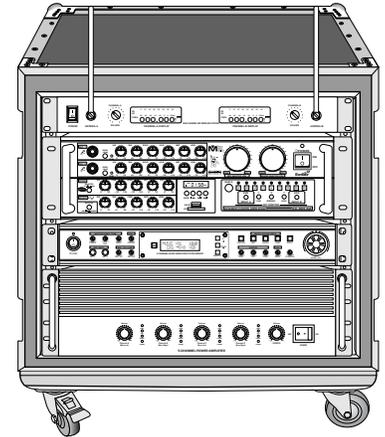
Front View



SPECIFICATIONS

POWER OUTPUT	PEAK: 700W @8ohm; 960W @4ohm RMS: 300W @8ohm; 400W @4ohm
T.H.D.	0.5%
FREQUENCY RESPONSE	20Hz~20KHz +/-1dB
S/N RATIO	65 dB
TONE BALANCE CONTROL	+/-12dB
NOISE LEVEL	<10mV
BALANCE INPUT	+/-1.5dB
SPLIT LEVEL	>35dB
MIC SENSITIVITY	<30mV
MIC FREQUENCY	100Hz~2.5kHz
BLUETOOTH	Version 2.0
DIGITAL AUDIO FILE COMPATIBILITY	MP3/WMA
MAXIMUM USB/SD CARD SUPPORT	16 GB
POWER CONSUMPTION	AC 110V/~60Hz (North America) AC 220V/~50Hz (Asia or Europe)

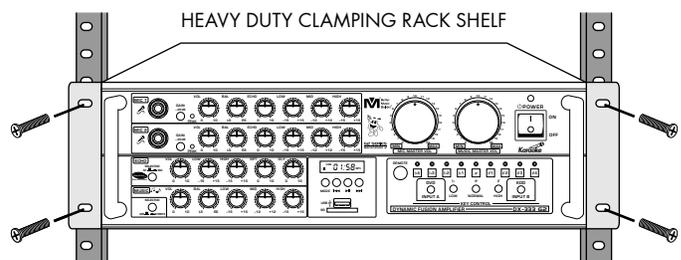
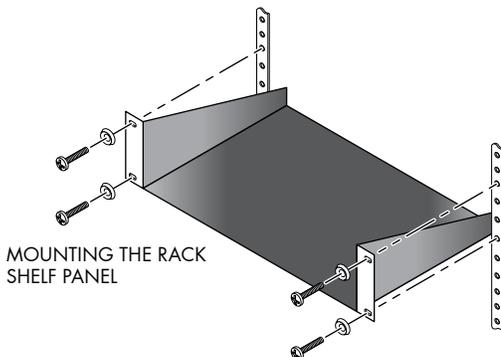
PORTABLE SYSTEM



OPTIONAL 19" RACK MOUNT KIT

The Rack Mount kit is optional. Please make sure to get the right kit size, for the amplifier.

The optional brackets are to hold the equipment firmly in place, and not for transportation. To transport the equipment, we recommend using the heavy duty clamping rack shelf as illustrated in the diagram. Placing the heavy duty clamping rack shelf into a portable case. Helps protect the equipment. Please note that the brackets rack shelves and DJ cases are sold separately.





TROUBLESHOOTING

1. NO SOUND FROM SELECTED AUDIO SOURCE

CAUSE:

- Input selector is set incorrectly.
- "Music Master Volume" control is set to minimum.
- Speakers and speaker cables may be disconnected, loose or malfunctioned.
- Source player is functioning incorrectly.

REMEDY:

- Change Input Selector to the correct source.
- Increase "Music Master Volume" to an appropriate level.
- Check speakers and speaker cable connections. Tighten or replace if necessary.
- Replace audio player.

2. NO MICROPHONE SOUND

REMEDY:

- Be sure the microphone is turned on.
- Be sure the microphone cable is connected properly.
- Check the microphone volume

3. MACHINE HAS NO POWER

REMEDY: Check to see if the power cable is well connected and that the power switch on the front panel is turned on.

4. BAD AUDIO OR MICROPHONE SOUND

REMEDY:

- Check the audio source (CD, DVD, etc.) to see if it's scratched.
- Check audio and/or microphone cables.
- Use a better audio cable and/or XLR microphone cable.

5. POWER CANNOT BE TURNED ON

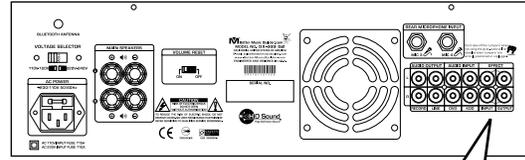
REMEDY:

- Check to see if the unit is plugged in properly.
- Check power cable.

6. PROTECTION FOR AUDIO/VIDEO EQUIPMENT

Before connecting or disconnecting any audio/video equipment, be sure to turn off the power for all equipment. Otherwise, it may cause black spots on LCD or Plasma TV screen.

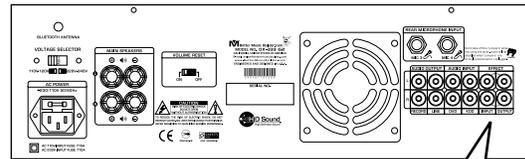
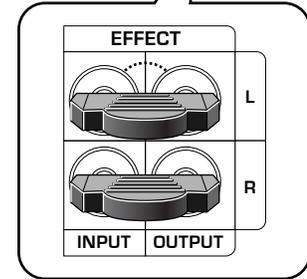
7. HUMMING NOISE



 **Right Position**



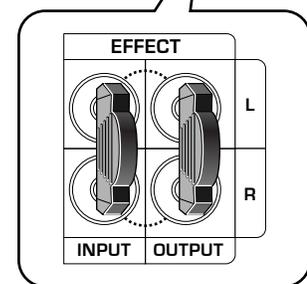
JUMPER (HORIZONTAL)



 **Wrong Position**



JUMPER (VERTICAL)



NOTE Don't take off the "jumpers" when not using the jacks. Audio will be disabled when "jumpers" are wrongly positioned or unplugged.

8. AUDIO FEEDBACK

REMEDY:

- Turn down the dB on the equalizer especially 1K, 2.5K, 5K, and 10K Hz.
- Turn off the Mix Excite.

9. AMPLIFIER SHUT DOWN/INTERFERENCE NOISE

CAUSE: The amplifier powered on but there is no music output.

REMEDY: Make sure that the AC-power supply is connected to the correct voltage level.

10. NOISE AND DISTORTION

When humming noise or displeasing sound occurs, replace the supplied power cord with an AC power cord with a magnetic device as shown in the figure below.

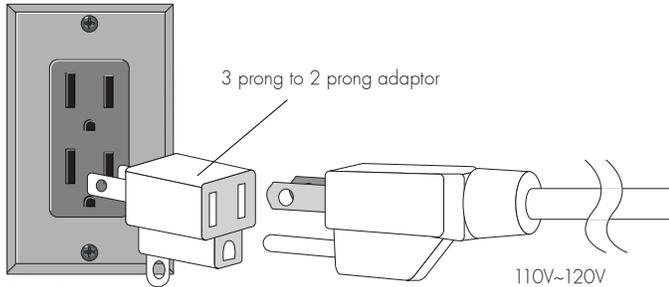


FIGURE 1

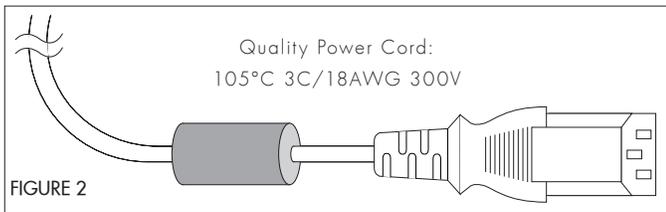
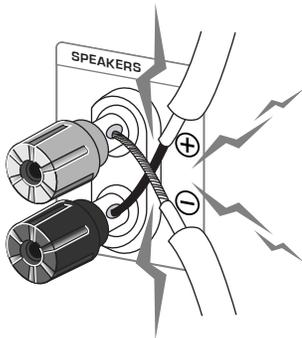


FIGURE 2

NOTE Radio signals from satellite TVs, HD TVs and cable TV receivers may cause interference in both audio and video equipment. The power cord as shown in figure 2 may help eliminate the humming sound and enhance TV picture quality.

11. SOUND PROBLEM: No sound.

REMEDY: Positive and negative of speaker wire may be touching each other at the terminals. We recommend using double banana plugs.





WARRANTY

ONE-YEAR LIMITED WARRANTY FOR HOME USE EQUIPMENT

Our one-year warranty covers both parts and labors. The warranty becomes effective from the date of your purchase for one year.

Our warranty only covers defects due to product defectiveness with free of defects in materials or workmanship. However, our warranty does not cover defects due to normal wears, damage in transit, improper use, abuse or failure to follow the proper instructions for maintenance. This warranty is void in the event of unauthorized repairs, alternations, modifications and removing of the product label.

Please also note that our warranty does not cover any shipping cost for the return of defective products to us for inspection, repair and maintenance. Our warranty for Better Music Builder products can only be executed in North America.

90-DAY LIMITED WARRANTY FOR PUBLIC AND COMMERCIAL USE EQUIPMENT

Our 90-day warranty applies to speakers, amplifiers, mixers and microphones for both public and commercial use such as restaurant, coffee shop, KTV nightclub, church and school, etc. It covers both parts and labors. The warranty becomes effective from the date of your purchase for 90 days.

Our warranty only covers defects due to product defectiveness with free of defects in materials or workmanship. However, our warranty does not cover defects due to normal wears, damage in transit, improper use, abuse or failure to follow the proper instructions for maintenance. This warranty is void in the event of unauthorized repairs, alternations, modifications and removing of the product label.

Please also note that our warranty does not cover any shipping cost for the return of defective products to us for inspection, repair and maintenance. Our warranty for Better Music Builder products can only be executed in North America.

ADDITIONAL NOTES:

1. Limited warranty for home use equipment is only valid in North America.
2. Limited warranty is valid only if you purchase our products from our authorized dealers (including both regular retailers and online retailers) in North America. If you choose to purchase our products from an authorized dealer, we will not provide any limited product warranty for you. To protect your limited product warranty, please purchase our products from one of our authorized dealers in North America near you.
3. Limited warranty is automatically void if the yellow label stating "No Warranty After Opening" is removed from the product.

TO REGISTER YOUR WARRANTY

Please fill out the warranty card that came with your unit, download or submit online warranty form. However, we need the invoice for your purchase in order to process this warranty. You may also register your warranty online. Please visit our website at www.bettermusicbuilder.com.



AGENCY REGULATORY NOTICES

FEDERAL COMMUNICATIONS COMMISSION NOTICE

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- 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 or television technician for help.

Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not approved may void the user's authority to operate the equipment.

Cables

Connections to this device must be made with shielded cables with metallic RFI/EMI connector hoods to maintain compliance with FCC rules and regulations.

MATERIALS DISPOSAL

Disposal of this material can be regulated because of environmental considerations. For disposal or recycling information, contact your local authorities or the Electronic Industries Alliance (EIA) (<http://www.eiae.org>).

DISPOSAL OF WASTE EQUIPMENT BY USERS IN PRIVATE HOUSEHOLDS IN THE EUROPEAN UNION

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of

your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

JAPANESE NOTICE

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。

JAPANESE POWER CORD NOTICE

製品には、同梱された電源コードをお使い下さい。
同梱された電源コードは、他の製品では使用出来ません。

JAPANESE MATERIAL CONTENT DECLARATION

A Japanese regulatory requirement, defined by Specification JIS-C-0950, 2005, mandates that manufacturers provide Material Content Declarations for certain categories of electronic products offered for sale after July 1, 2006.

KOREAN NOTICE

8급 기기 (가정용 방송통신기기)	이 기기는 가정용(8급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.
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RECYCLING PROGRAM

The terms and availability of these programs vary by geography because of differences in regulatory requirements and local customer demand.

因为在当地的监管要求和客户的需求，这些条件和程序的情况不同。



FINAL WORDS TO USER

The engineering team of Better Music Builder has many years of experience in audio equipment design. The team constantly develops new audio technologies, designs innovative audio and karaoke equipment to suit your specific needs and provides you great ideas for home entertainment.

Our engineering team also designs audio equipment for commercial use by restaurants, coffee shops, churches, and school auditoriums, etc. If the commercial area for audio equipment installation exceeds 2,000 square feet, we highly recommend hiring audio professionals to handle the installation in order to avoid risks in breaking the equipment with improper installation and safety protection purposes.

We also provide educational and technical information on audio equipment and technologies. For example, we provide free installation diagrams to make it easier to connect the system. In addition, to get best connections for the sharpest image and sound quality, we provide hot tips for choosing the high quality type of A/V cable connections. Free information on audio equipment and technologies available for download from our website, www.BetterMusicBuilder.com.

Please do not remove the "Yellow Label" on the rear of the machine; otherwise, the warranty will be void automatically. We design it to protect your own safety. If repair and maintenance service is needed, please contact us directly or hire a professional technician. To learn more about the technical aspects, visit our website www.BetterMusicBuilder.com and download the relevant information for review.



Before hooking up the system, turn off the power on all machines including audio/video equipment and TV. Otherwise, it may damage the equipment, especially on the HDTV in which a spot might appeared on the TV screen. After hooking up the system, double check the audio/video connections to ensure that they are connected correctly.

NOTE Sometimes, loose or poor quality cable would affect the microphone effects, picture quality, or even cause the machine to shut down suddenly.

Again, thank you for choosing Better Music Builder. We hope you can make the best use of the machine and enjoy it for years to come. If you have any questions regarding our product, please feel free to contact us at www.BetterMusicBuilder.com.



CONTACT INFORMATION

MAILING ADDRESS



BETTER MUSIC BUILDER
29300 Kohoutek Way #150
Union City, CA 94587
U.S.A.

TELEPHONE NUMBERS



USA Region
USA Toll Free: 1-800-318-2218
Sales & Marketing: 510-477-9955
Customer Service: 510-477-9955

FAX NUMBERS



USA Region
Sales & Marketing: 510-477-9922
Customer Service: 510-477-9922

WORLD WIDE WEB



E-mail: sales@bettermusicbuilder.com
Website: www.bettermusicbuilder.com

MAINTENANCE

With proper maintenance and regular service, it would maintain the machine quality and prolong its life. We recommend you to print the following information clearly for future reference on maintenance and warranty.

MODEL# _____ INVOICE # _____

DATE PURCHASED (MM/DD/YYYY) _____

DEALER NAME _____

CITY _____ ST./PROV. _____ ZIP/P.C. _____

DEALER WEBSITE <http://www.> _____

DEALER PHONE # _____

DEALER E-MAIL _____

Better Music Builder®.com



Passionate about Music

Thank you for purchasing this unit. To make full and effective use of this unit, please read this Owner's Manual carefully before operating it. Please retain this manual for future reference.

