



NS-AP9500

HOME CINEMA SPEAKER PACKAGE

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CONSUMER PRECAUTIONS

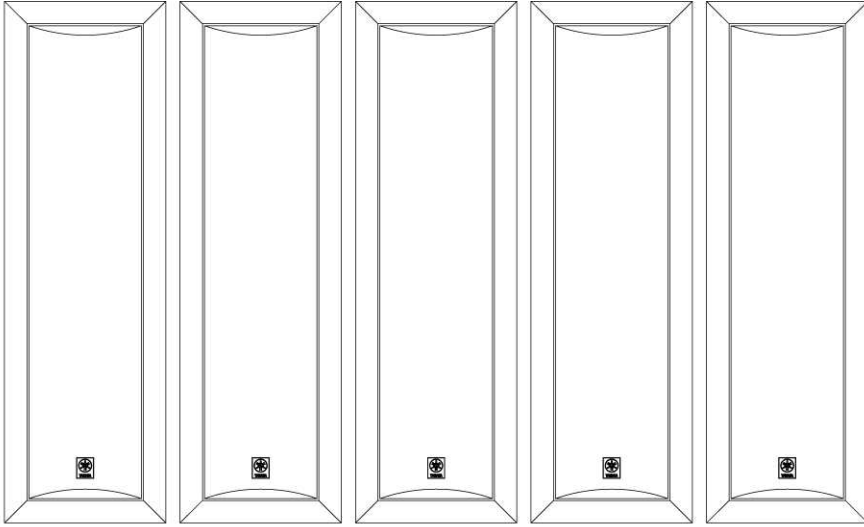
Read these precautions carefully before operating your NS-AP9500 speakers.

- Since these speakers can be wall mounted, it is essential that they are firmly secured. Be sure to consult a reliable source about the best type of hanger for your particular wall's construction. Secure installation is the purchaser's responsibility.
- Do not attach them to thin plywood or soft wall surface materials as the screws may tear free, causing the speakers to fall and be damaged, or result in personal injury.
- Do not fasten the speakers to walls with nails, adhesives, or other unsafe hardware. Long-term use and vibrations may cause them to pull free.
- Do not place the speakers where they are liable to be knocked over or struck by falling objects. Stable placement will also ensure better sound performance.
- Placing the speakers on the same stand or shelf as a turntable can result in feedback.
- This speaker features a magnetically shielded design, but there is still a chance that placing it too close to a TV set might impair picture color. Should this happen, move the speaker away from the TV set.
- Never touch the woofer or tweeter units with your hands or expose them to excessive physical shock. If they are dented or bent, the sound will be distorted.
- Lower the power amplifier / receiver volume control before changing input sources. Never change input sources (for example, FM to CD) at high listening levels. Always turn the receiver / amplifier unit off when installing or removing input cables.
- Anytime you note distortion, reduce the volume control on your power amplifier / receiver to a lower setting. Never allow your power amplifier to be driven into "clipping".
- Do not attempt to clean the speakers with chemical solvents as this might damage the finish. To clean wipe with a dry, soft cloth.
- To prevent the enclosure from warping or discoloring, do not place the speakers where they will be exposed to direct sunlight or excessive humidity.
- This speaker stand is only for the speaker systems listed in "USABLE SPEAKERS" below. Do not use the speakers other than these listed.
- To prevent the speaker from falling, use the screws and parts provided with the stand.
- To prevent the speaker stand from falling over, select a location which is flat and stable.
- To avoid accidents resulting from tripping over loose speaker cables and to prevent the speaker stand from falling over, fix the speaker cables to the wall, etc.
- Do not let the children lean on the stand as this might cause the serious accidents resulting from the falling over of the speaker stand.
- **Secure placement or installation is the owner's responsibility.**
YAMAHA shall not be liable for any accident caused by improper placement or installation of speakers.

UNPACKING

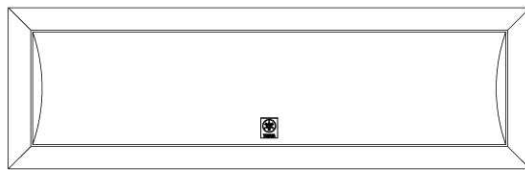
After unpacking, inspect the contents to confirm the following items are contained:

Main Speakers



NS-AP9500S x 5 pcs

Center speaker



NS-AP9500C x 1

Wire

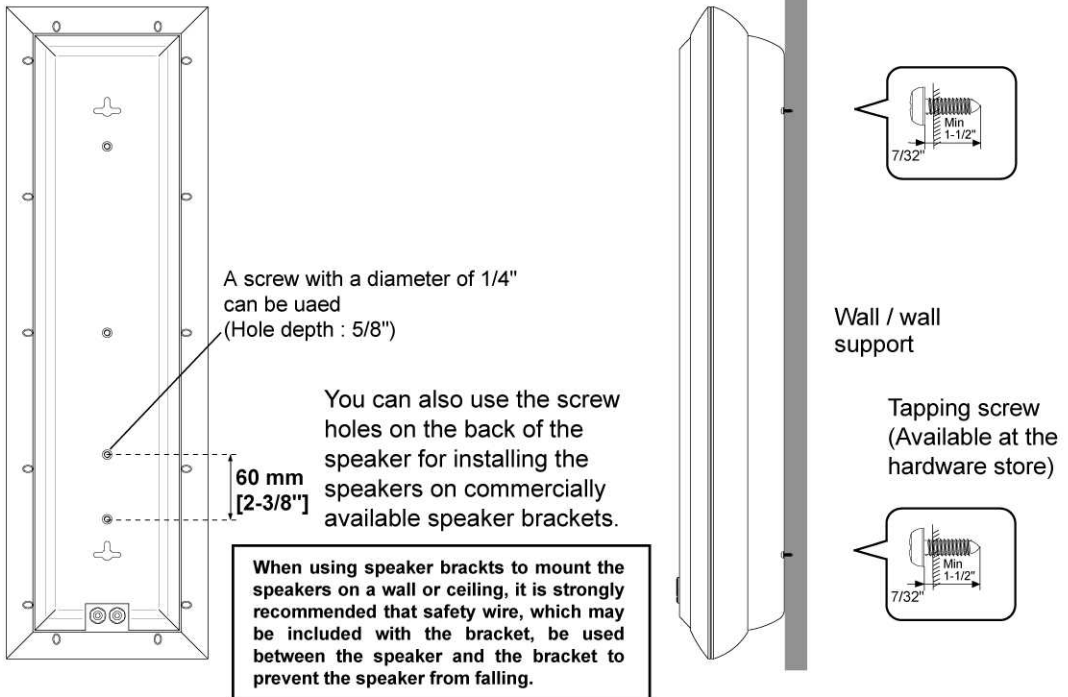


120' x 1

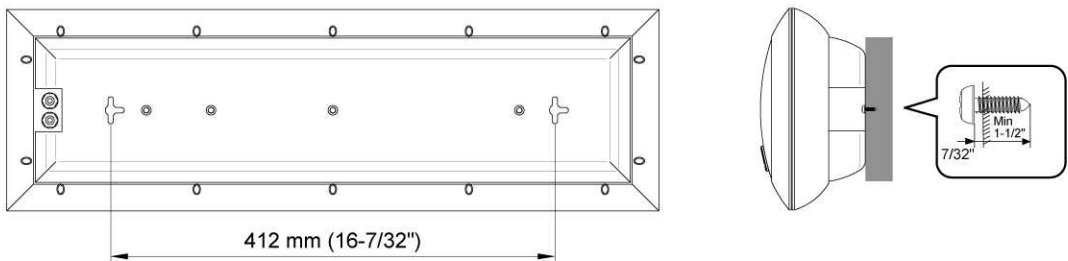
SETTING UP THE SPEAKERS

These speakers are designed to be hung on a wall, utilizing the key holes on the rear of the speakers. These speakers may also be used with optional speaker stands. Please refer to the owner's manual included with the speaker stands for specific installation instructions.

• Wall mounting for the main speakers



• Wall mounting for the center speakers



Fasten screws into a firm wall or wall support as shown in the figure, and hang the holes of the mounting bracket on the protruding screws. Make sure that the screws are securely caught by the narrow sections of the "key hole" opening.

WARNING

- Each speaker weighs 7.92 lbs (3.6 kg). Do not mount them on thin plywood or a wall with soft surface material. If mounted, the screws may come out of the flimsy surface and the speakers may fall. This damages the speakers or causes personal injury.
- Do not install the speakers to a wall with nails, adhesives, or any other unstable hardware. Long-term use and vibrations may cause them to fall.
- To avoid accidents resulting from tripping over loose speaker cords, fix them to the wall.
- **Secure installation is the purchaser's responsibility.**

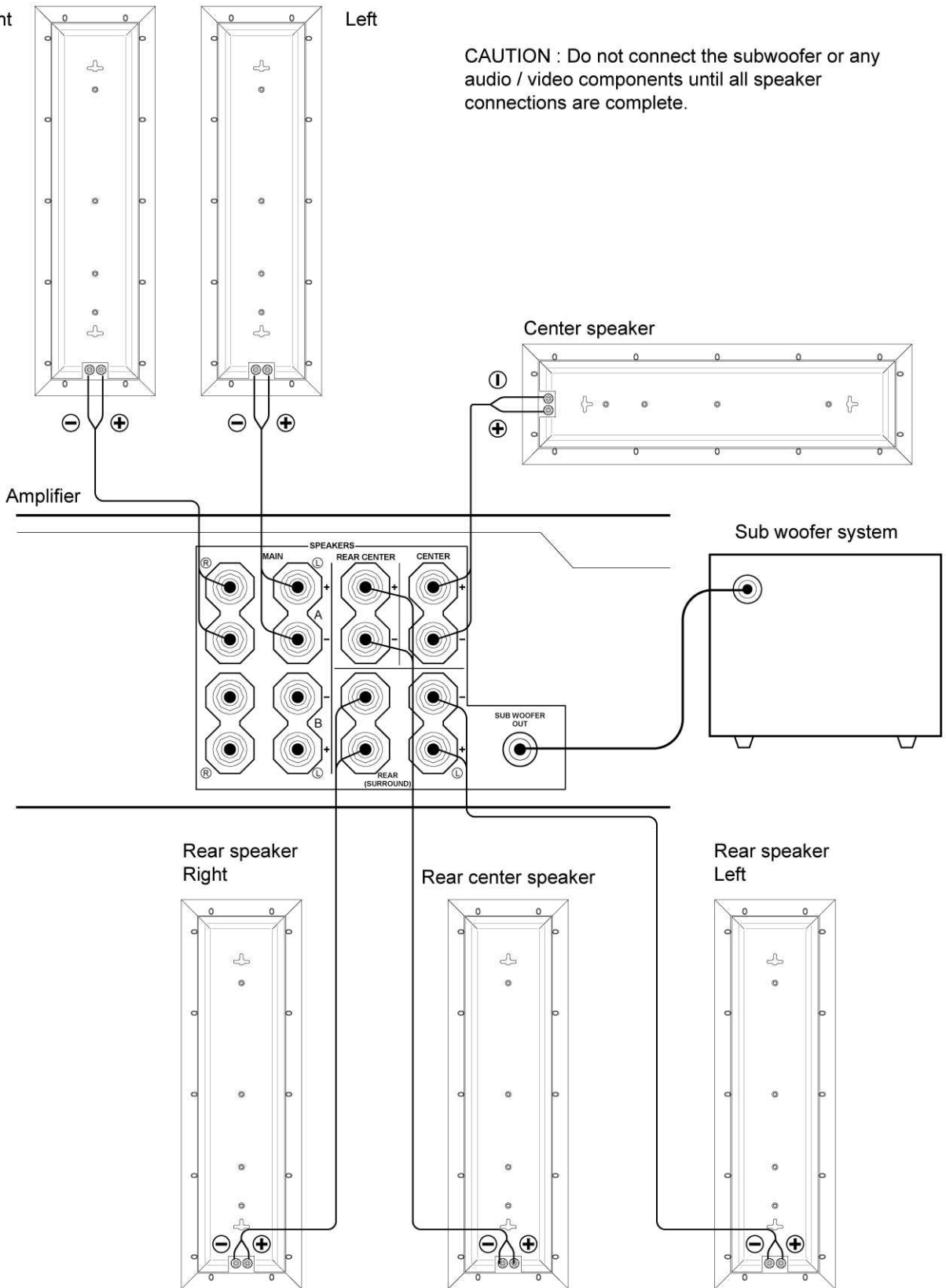
CONNECTIONS TO YOUR AMPLIFIER

Main speakers

Right

Left

CAUTION : Do not connect the subwoofer or any audio / video components until all speaker connections are complete.



Before making connections, make sure that the amp lifier is switched off.

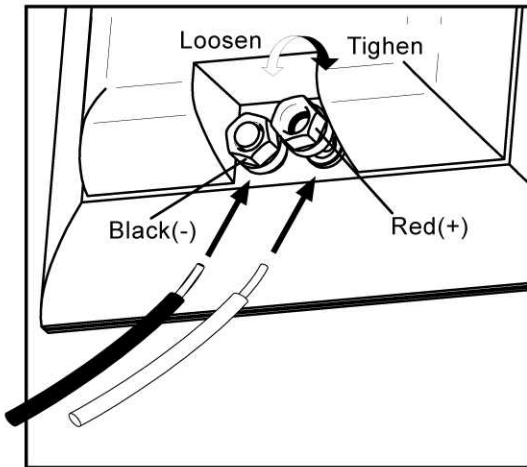
■ CONNECTIONS

- Connect the screw-type input terminals at the rear of the speakers to the speaker output terminals of the amplifier (or receiver) with the provided speaker cables.
- One side of the speaker cable is red and the other side is black. Connect the (+) terminals on the amplifier (or receiver) and speakers using the red side. Connect the (-) terminals on both components using the black side of the cable.
- Connect each speaker making sure not to reverse the polarity (+,-). If the speaker is connected with reversed polarity, the sound will be unnatural and lack bass.

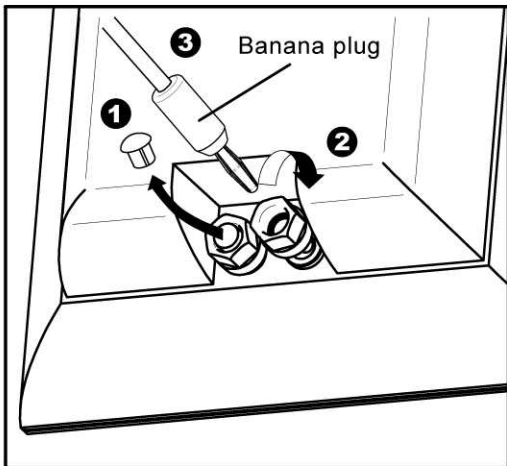
How to connect

- ① Loosen the knob.
- ② Insert the bare wire. [Remove the insulation coating at the extremity of each speaker cable by twisting the coating off.]
- ③ Tighten the knob and secure the cable.
Test the firmness of the connection by pulling lightly on the cable at the terminal.

- ① Remove the cover by pulling it toward you.
- ② Tighten the terminal knob.
- ③ Insert the banana plug into the terminal.



When using a banana plug

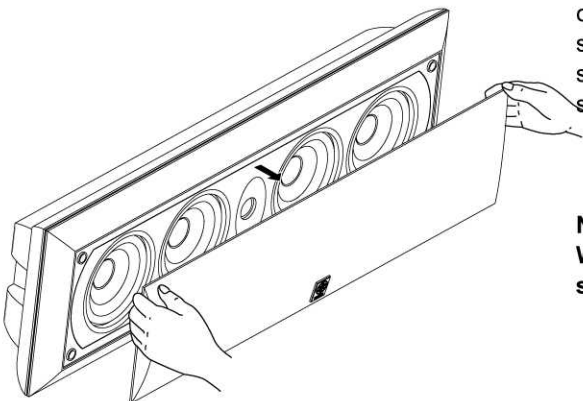


REMOVING THE FRONT COVER

The front cover is fastened to the enclosure at four points and can be removed if desired. To remove the cover, hold on to both sides and slowly pull straight away from the speaker. To reattach, line up the four holes on the inner surface of the cover with the four corresponding pegs on the speaker and push gently.

Note

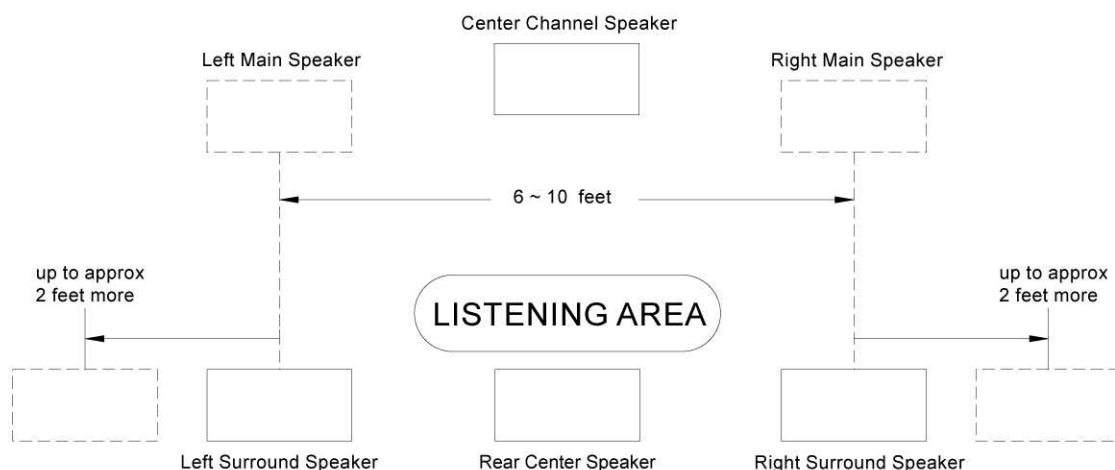
When the cover is removed, be sure not to touch the speaker units with your hands or to exert excessive



SPEAKER PLACEMENT

This speaker is designed to be used as a main, center, surround or effects speaker.

- **Main speaker** placement should be separated by a distance of 6-10ft. If they are placed too close together, there will be a reduction in the stereo effect. Conversely, if placed too far apart, the so called "middle-omission" effect will occur and the vocal center fill will be lost. Height of the speaker should be at least at ear level.
- **Center channel speakers** should be placed centered above or below the TV.
- **Surround speakers** should ideally be placed behind the listening area. At least as far apart as the main speakers and up to 2 additional feet apart per side. The height of the speaker should be at a minimum of ear level or preferably somewhat higher.



SPECIFICATIONS

Model	NS-AP9500
Type	3-way Acoustic Suspension
Speaker: Woofer	Quad 4" High Compliance Pulp Cone and Rubber Surround
Speaker: Tweeter	3/4" Soft Dome
Frequency Range	100Hz~40KHz (-10dB)
Impedance	6 ohms
Nominal Input	35w
Maximum Input	120w
Sensitivity (dB/2.83v. 1m)	83dB
Crossover Frequency	600Hz , 6,000Hz
Dimension (HxWxD)	23-27/32" x 7-3/8" x 3-27/32" (605 x 187 x 97.3 mm)
Weight	7.92 lbs (3.6 kg)
Magnetic Shielding	Yes

*Specifications subject to change without notice due to product improvements.

YAMAHA ELECTRONICS CORPORATION, USA

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Yamaha Loudspeakers are designed and manufactured to provide a high level of trouble-free performance. Yamaha Electronics Corporation, USA, is proud of the experienced craftsmanship that goes into each and every Yamaha Loudspeaker. Yamaha sells its Loudspeakers only through a network of high quality, specially authorized dealers and is pleased to offer the following Limited Warranty, which applies only to products purchased from our authorized dealers. We suggest that you read the Limited Warranty thoroughly, and invite you to contact your authorized Yamaha dealer or the Yamaha Electronics Corporation, USA, service department if you have any questions.

LIMITED WARRANTY NS-AP9500 LOUDSPEAKERS

Duration of Warranty:

This Speaker System is covered by this warranty for a period of two (2) years beginning from the date of first consumer purchase.

What is Covered and What is Not Covered?

This warranty covers all defects in materials or workmanship in this product, but DOES NOT COVER the following:

- (1) Damage, deterioration or malfunction resulting from:
 - a. Accident, negligence, misuse, abuse, improper installation or operation or failure to follow instructions contained in your Owner's manual.
 - b. Any shipment of the product. (Claims must be presented to the carrier.)
 - c. Repair or attempted repair by anyone other than Yamaha or an authorized Yamaha Preferred Customer Service Center.
- (2) Any unit which has been altered or on which the serial number has been defaced, modified or removed.
- (3) Normal wear and any periodic maintenance.
- (4) Any unit which has not been purchased from an authorized YAMAHA dealer in the U.S.A. If you are uncertain as to whether a dealer has been authorized by YAMAHA, please contact YAMAHA's Service Department.
- (5) Any unit used for industrial or commercial purposes.

Who may enforce the warranty:

This warranty is enforceable only by the original purchaser.

What we will pay for and what you must pay for:

YAMAHA will repair or replace units covered by this warranty, without charge to the consumer for labor or materials. YOU ARE RESPONSIBLE FOR ANY INSTALLATION OR REMOVAL CHARGES AND FOR ANY INITIAL SHIPPING CHARGES. If the Components must be shipped for warranty service. However, we will pay the return shipping charges to any destination within the U.S.A. if the repairs are covered by the warranty.

How you can get Warranty Service:

- (1) YAMAHA Speaker Systems requiring service must be delivered to any authorized YAMAHA Service Center within the fifty states of the U.S.A., the District of Columbia or Puerto Rico. Warranty service is not available at any other location or outside the U.S.A.
- (2) Units shipped for service should be packed securely and must be accompanied by a detailed explanation of the problem(s) requiring service And Bill of Sale as proof of Warranty coverage.
- (3) Warranty registration is not required for Warranty coverage.

Limitation of Implied Warranties:

ANY IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE LENGTH OF THIS WARRANTY.

Exclusion of Damages

YAMAHA'S LIABILITY, FOR ANY DEFECTIVE PRODUCT, IS LIMITED TO REPAIR OR REPLACEMENT OF THE PRODUCT, AT OUR OPTION. YAMAHA SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OR DAMAGES OF ANY OTHER KIND OR CHARACTER BECAUSE OF PRODUCT DEFECTS.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

For the nearest authorized YAMAHA *Preferred Customer* Service Center please call:

1-800-4-YAMAHA

Should you have any questions about service received or if you need assistance in locating an authorized Yamaha Service Center, please contact:



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YAMAHA Website Address-<http://www.yamaha.com> Phone:(714)522-9105

YAMAHA products are backed by a nationwide network of high quality YAMAHA authorized Service Centers, providing prompt, courteous and professional service.



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