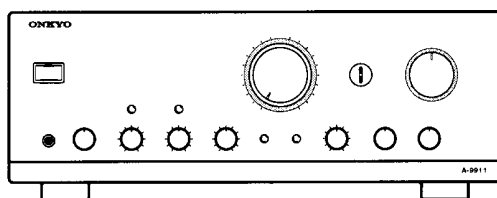


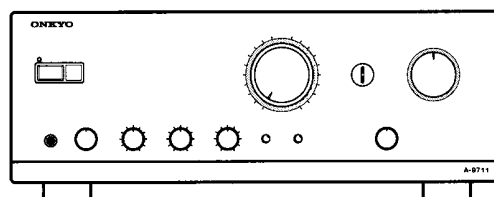
ONKYO®

A-9911/9711

Integrated Stereo Amplifier



A-9911



A-9711

Instruction Manual

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Thank you

for your purchase of the Onkyo Amplifier.

Please read this manual thoroughly before making connections and turning on the power.

Following the instructions in this manual will enable you to obtain optimum performance and listening enjoyment from your new Amplifier.

Please retain this manual for future reference.

FOR EUROPEAN MODEL

- This apparatus complies with requirements of EC directive 87/308/EEC.

FOR CANADIAN MODEL: (POUR LE MODELE CANADIEN)

- For models having a power cord with a polarized plug.

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

- THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSION FROM DIGITAL APPARATUS SET OUT IN THE RADIO INTERFERENCE REGULATIONS OF THE CANADIAN DEPARTMENT OF COMMUNICATIONS.

- Sur les modèles dont la fiche est polarisée.

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

- L'INTERFERENCE, RADIO ELECTRIQUE GENEREE PAR CET APPAREIL NUMERIQUE DE TYPE B NE DEPASSE PAS LES LIMITES ENONCEES DANS LE REGLEMENT SUL LES PERTURBATIONS RADIO ELECTRIQUES, SECTION APPAREIL NUMERIQUE, DU MINISTERE DES COMMUNICATIONS

ATTENTION FOR BRITISH MODEL

- Replacement and mounting of an AC plug on the power supply cord of this unit should be performed only by qualified service personnel.
- **IMPORTANT:** The wires in the mains lead are coloured in accordance with the following code:
Blue: Neutral
Brown: Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

Declaration of Conformity

We, ONKYO EUROPE
ELECTRONICS GMBH
INDUSTRIESTRASSE 18/20
82110 GERMERING,
GERMANY



declare in own responsibility, that the ONKYO product described in this instruction manual is in compliance with the corresponding technical standards such as EN55013, EN55020, EN60555-2, EN60065

GERMERING.GERMANY

K. KOBAYASHI

ONKYO EUROPE ELECTRONICS GMBH

“WARNING”

“TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.”

CAUTION:

“TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.”



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



- 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 product.

Important safeguards

1. **Read Instructions** – All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions** – The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** – All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions** – All operating and use instructions should be followed.
5. **Water and Moisture** – The appliance should not be used near water – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.
6. **Carts and Stands** – The appliance should be used only with a cart or stand that is recommended by the manufacturer.
 - 6A. 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.
7. **Wall or Ceiling Mounting** – The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. **Ventilation** – The appliance should be situated so that its location or position 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 openings; or if placed in a built-in installation, such as a book case or cabinet that may impede the flow of air through the ventilation openings, there should be free space of at least 20 cm and open up behind the appliance.
9. **Heat** – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
10. **Power Sources** – The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
11. **Polarization** – If the appliance is provided with a polarized plug having one blade wider than the other, please read the following information: The polarization of the plug is a safety feature. The polarized plug will only fit the outlet one way. If the plug does not fit fully into the outlet, try reversing it. If there is still trouble, the user should seek the services of a qualified electrician. Under no circumstances should the user attempt to defeat the polarization of the plug.
12. **Power-Cord Protection** – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, especially near plugs, convenience receptacles, and the point where they exit from the appliance.
13. **Cleaning** – The appliance should be cleaned only as recommended by the manufacturer.
14. **Nonuse Periods** – The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
15. **Object and Liquid Entry** – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
16. **Damage Requiring Service** – The appliance should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has been spilled into the appliance; or
 - C. The appliance has been exposed to rain; or
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - E. The appliance has been dropped, or the enclosure damaged.
17. **Servicing** – The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.



Features

[A-9911]

CONCEPT:

- Review the basic specification from the starting point
- Complete elimination of any decorated functions and making everything simple

FEATURE:

- Twin-Core AEI Transformer Provides Clean and Abundant Power
- Non-NFB Power Amplifier Stage For Sonic Excellence
- Modular Chassis Construction and Optimized Layout
- Plenty of Clean Power
- High-Quality Parts
- Separate Treble Controls for Left and Right Channel Offer Additional Flexibility
- ATR Capacitor (ATR: Audio Tuned Reference)
- WIMA Film Capacitor
- 70 micron Print Circuit Board
- Midbass presence
- Direct Selector

[A-9711]

CONCEPT:

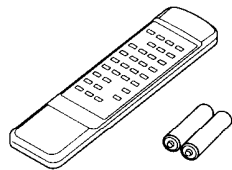
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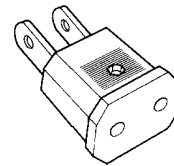
Supplied accessories

(A-9711 only)



- 1 Remote control
- 2 Batteries
(size AA, R6, or UM-3)

(Worldwide models only)



- 1 Conversion plug (Shape may vary according to the area where purchased.)

Precautions

1. Warranty Card

The serial number is written on the rear panel of this unit. Copy the serial number and model number onto your warranty card and keep it in a safe place.

Recording Copyright

Recording of copyrighted material for other than personal use is illegal without permission of the copyright holder.

3. AC Fuse

The fuse is located inside the chassis and is not user-serviceable. If power does not come on, contact your Onkyo authorized service station.

4. Care

From time to time you should wipe the front and rear panels and the cabinet with a soft cloth. For heavier dirt, dampen a soft cloth in a weak solution of mild detergent and water, wring it out dry, and wipe off the dirt. Following this, dry immediately with a clean cloth. Do not use rough material, thinners, alcohol or other chemical solvents or cloths since these could damage the finish or remove the panel lettering.

5. Power

WARNING

BEFORE PLUGGING IN THE UNIT FOR THE FIRST TIME, READ THE FOLLOWING SECTION CAREFULLY.

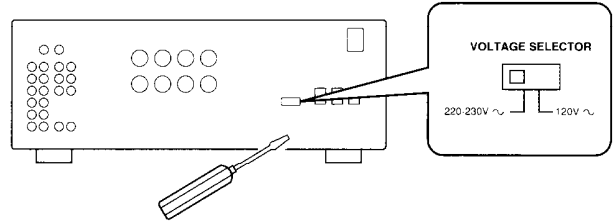
- Some models are designed for use only with the power supply voltage of the region where they are sold.
 - European and Australian models: AC 230 V, 50 Hz
 - U.S.A. and Canadian models: AC 120 V, 60 Hz
 - Worldwide model: AC 220-230 V/120 V switchable, 50/60 Hz

Voltage Selector (Rear Panel)

Worldwide models are equipped with a voltage selector to conform to local power supplies. Be sure to set this switch to match the voltage of the power supply in your area before plugging in the unit. Models without a voltage selector can only be used in areas where the power supply is the same as that of the unit.

Setting the Voltage Selector

- Determine the proper voltage for your area: 220-230 V or 120 V.
- If the preset voltage is not correct for your area, insert a screwdriver into the groove in the switch. Slide the switch all the way to the right (120 V) or to the left (220-230 V), whichever is appropriate.



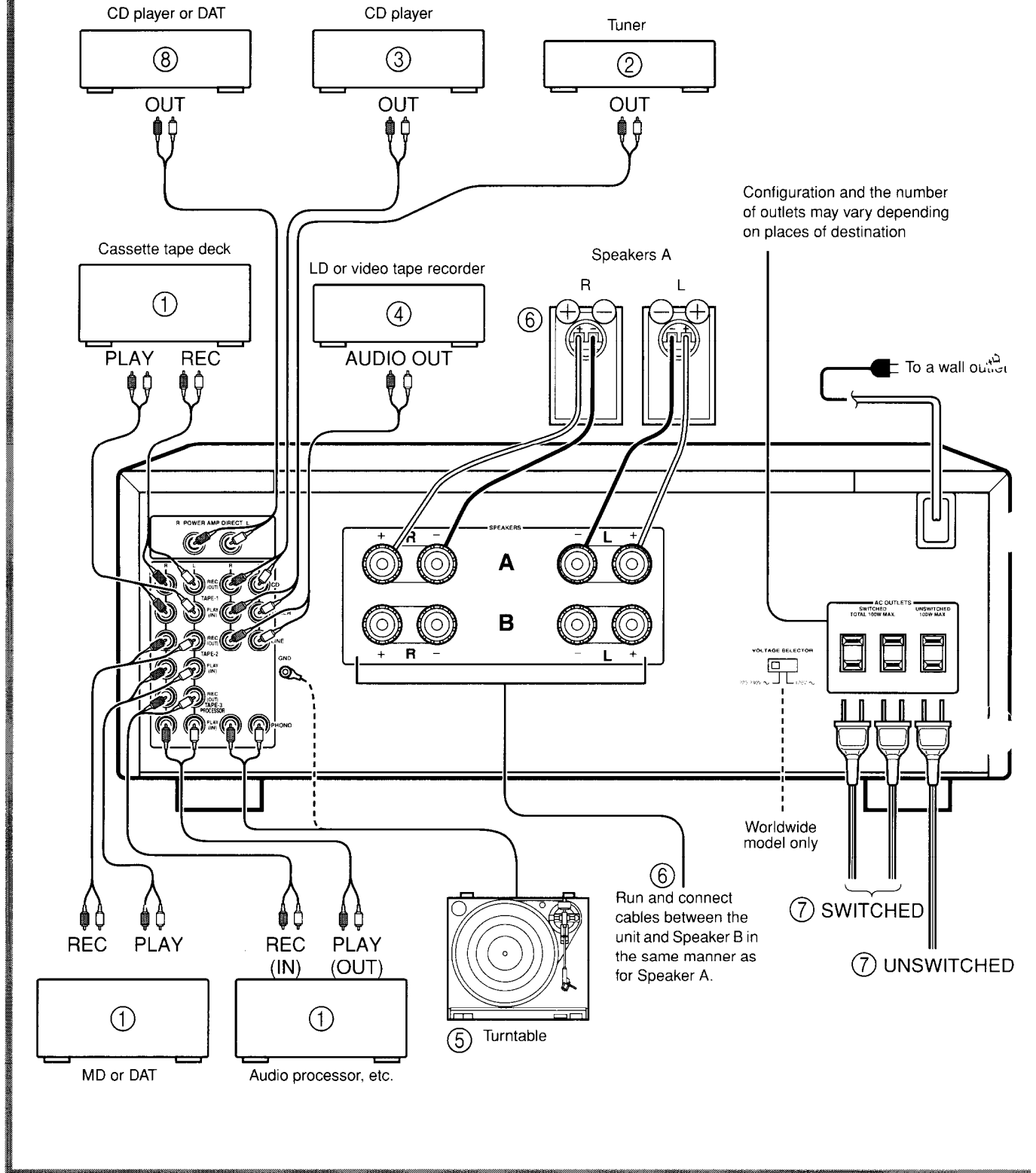
Memory Preservation

This unit does not require memory preservation batteries.

System connections

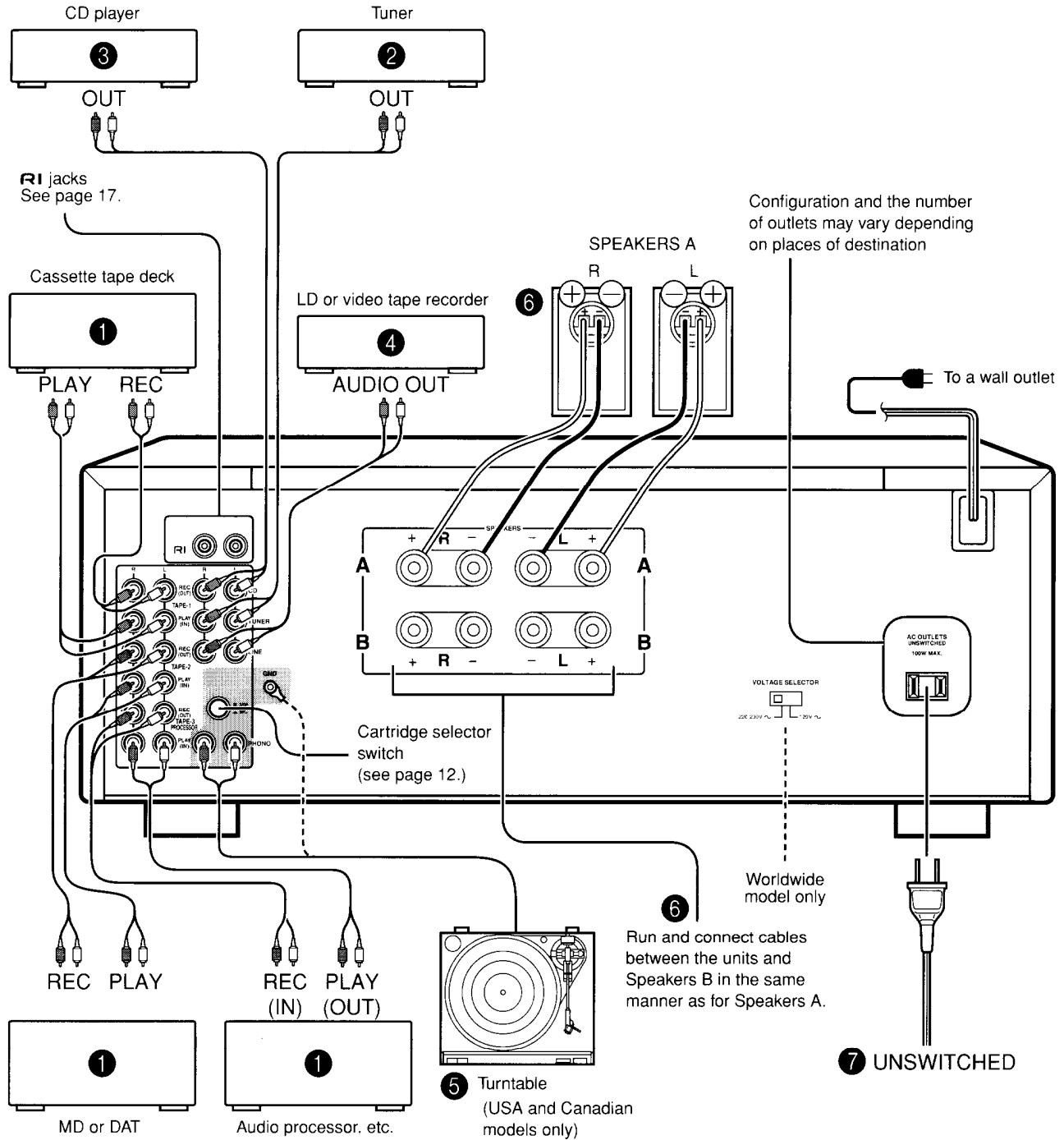
A-9911

Read the instructions on pages 8 and 9 before making connections. Be sure the units are correctly connected.



A-9711

Read the instructions on pages 8 and 9 before making connections. Be sure the units are correctly connected.



System connections

- Do not plug in the power cord until all connections have been made.
- On each pair of input jacks, the red jack (marked R) corresponds to the right channel, and the white jack (marked L) to the left channel.
- Please refer to the instruction manual of each component when making any connections.
- The input connectors in this unit are all designed for analog input and thus they do not allow direct reception of any digital output from CDs, DATs or MDs.
- Remember to remove short pin(s), if plugged, before connecting audio connection cables. Store the removed short pin(s) without inserting into any other connectors. (If you insert a short pin in other connector, sound may be shut off.)
- Be sure to insert cable plugs far enough. Poor cable connection can cause noise and/or malfunction.
- Do not bundle the audio connection cables together with the power cables and/or speaker cables which can cause noise and/or malfunction.
- This unit is a high-power amplifier causing higher heat generation compared to conventional amplifiers and leading to higher cabinet temperatures.
Do not place any equipment onto this unit to avoid possible malfunction of the equipment and this unit.

① Connecting a cassette tape deck, DAT (digital audio tape) or MD (mini-disc) player/recorder

For connection of additional recorder(s)/player(s), use the connectors TAPE-1, TAPE-2 and TAPE-3 (PROCESSOR) on the unit. This unit allows connection of up to three (3) additional equipment. Remember to run and connect cables between the LINE IN (REC) connector on a deck and the REC (OUT) connector on this unit, and between the LINE OUT (PLAY) on the deck and the PLAY (IN) on the unit. Connect any audio processor and/or graphic equalizer to the connector TAPE-3 (PROCESSOR).

② Connecting a tuner (TUNER)

Connect an FM/AM tuner to the TUNER input jacks.

③ Connecting a CD (CD)

Connect a compact disc player to the CD input jacks.

④ Connecting an AUDIO output from video disc player and/or video tape recorder

Connect the AUDIO output from an LD or video tape recorder to the LINE connector on this unit.

- The LINE connector allows reception the AUDIO output from the second additional CD player, tuner or tape deck.

⑤ Connecting a turntable (PHONO) (Models A-9711 for U.S.A. and Canada and A-9911 only)

Connect the output leads of the turntable to the PHONO jacks. Be sure to connect the ground (earth) lead wire from the turntable to the ground terminal (GND). Turntables not provided with GND wires do not need to be connected in this way.

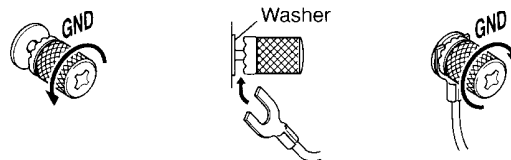
Place the turntable on a firm shelf or deck free from vibrations (especially those generated by the speaker system). If the turntable is permitted to pick up such unwanted vibrations, not only will the performance of the unit drop, but distortion in the bass frequencies and howling in the speakers may also occur.

- To the PHONO connector not in use, insert a short pin.
- Remember to set the CARTRIDGE selector switch to a correct position for the cartridge type (MM or MC) you are using with your turntable.

The CARTRIDGE selector switch (A-9711: ■ MM ■ MC) is located on the front panel in A-9911 model and on the rear panel in A-9711 U.S.A. and Canadian model.

Connection of grounding cable from turntable

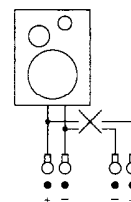
Loosen the screw. Insert the prong of the grounding cable between the washer and the screw. Tighten the screw.



⑥ Connecting the speaker cables

When connecting speakers, proper polarity is important. Always connect the (+) terminal (red) on the amplifier to the (+) terminal on the speaker and the (-) terminal (black) on the amplifier to the (-) terminal on the speaker. Two separate pairs of speaker systems can be connected to this unit at once.

- The load impedance of each speaker system connected to this unit must be at least 4 ohms.
- * When speakers are connected to either terminals A or B, or to terminals A and B with only A or B selected, the speaker load impedance must be at least 4 ohms.
- * When speakers are connected to terminals A and B with both selected, the speaker load impedance must be at least 8 ohms.
- When using only one speaker or when you wish to listen to monaural, the single speaker should never be connected in parallel to both the right and left channel terminals at once, otherwise a malfunction may occur.

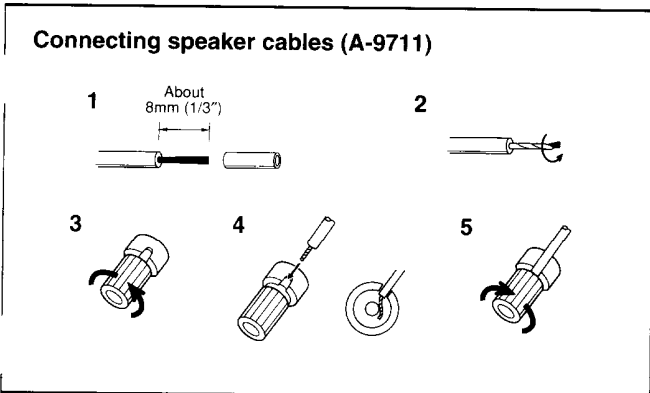
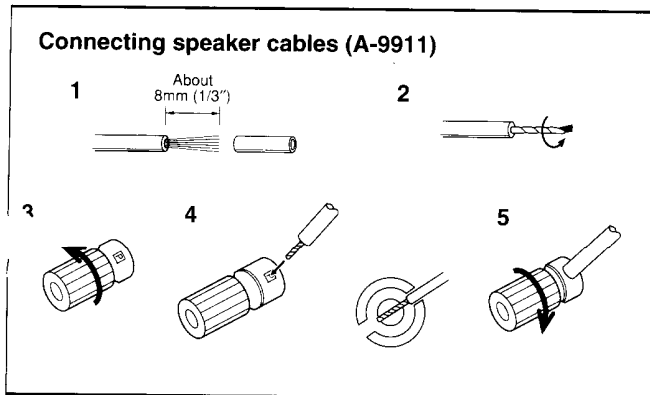


- Do not use unnecessarily long or extremely thin speaker cables. If the DC resistance of the speaker cables is too high, the damping factor will decrease.

Connecting Speaker Cables

Do not proceed with cable connection work over the unit to avoid possible unit malfunction due to falling of any broken conductor into the unit.

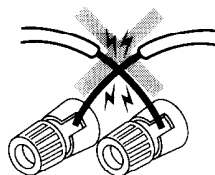
1. Remove about 8 mm (1/3") of insulation from the end of the speaker cable.
 2. Twist the exposed copper strands together tightly.
 3. Unscrew the speaker terminal part way by turning it counterclockwise.
 4. Insert the exposed copper portion of the cable all the way into the opening in the speaker terminal.
 5. Tighten the terminal screw by turning it clockwise.
- Check to make sure that none of the uninsulated copper portion of the cable is exposed.



NOTES:

- When using banana plugs, make sure the speaker terminal screws are screwed in firmly before inserting the banana plugs.
- Speaker terminals on European models are not banana plug compatible.
- To prevent damage to the circuitry, never short-circuit the positive (+) and negative (-) speaker wires or a speaker wire and the amplifier cabinet.

NO



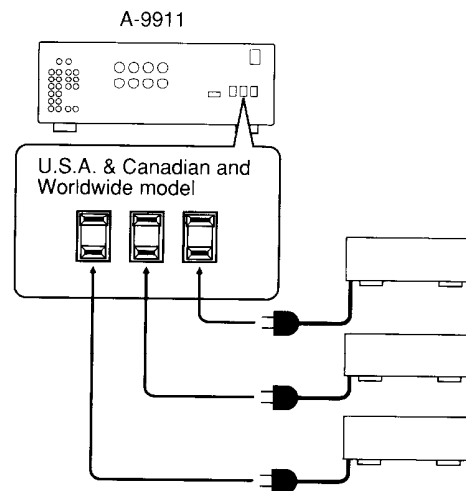
⑦ AC outlets

The shape, orientation, the number and total capacity of the AC outlets may differ according to the model and the area where the unit is purchased. Be careful that other components connected to this unit do not exceed the capacity that is printed on the rear panel above the AC outlets.

UNSWITCHED: The unit is kept turned ON independently from the setting of POWER switch, ON or OFF.

SWITCHED (A-9911 U.S.A & worldwide model only):

The unit may be turned ON or OFF according to the setting of POWER switch, ON or OFF, respectively.



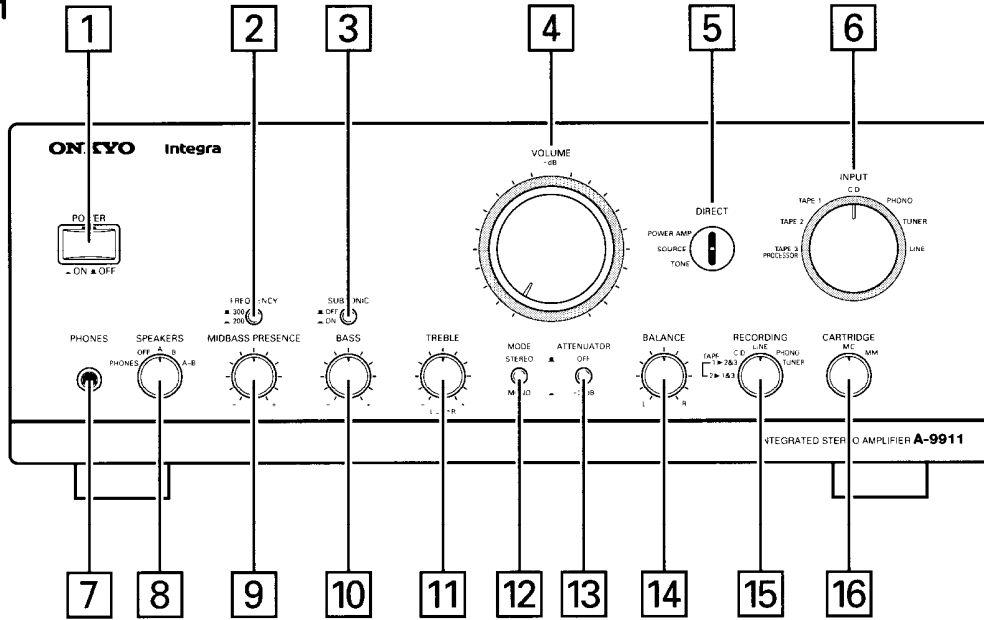
⑧ (Model A-9911 Only) Connection to POWER AMP DIRECT

The POWER AMP DIRECT connector allows high fidelity sound reproduction with the aid of signal transmission into the power amplifier only through the specific volume without passing the input selector and the tone control circuits. This means that this connector is best suited for connection to a CD player or DAT.

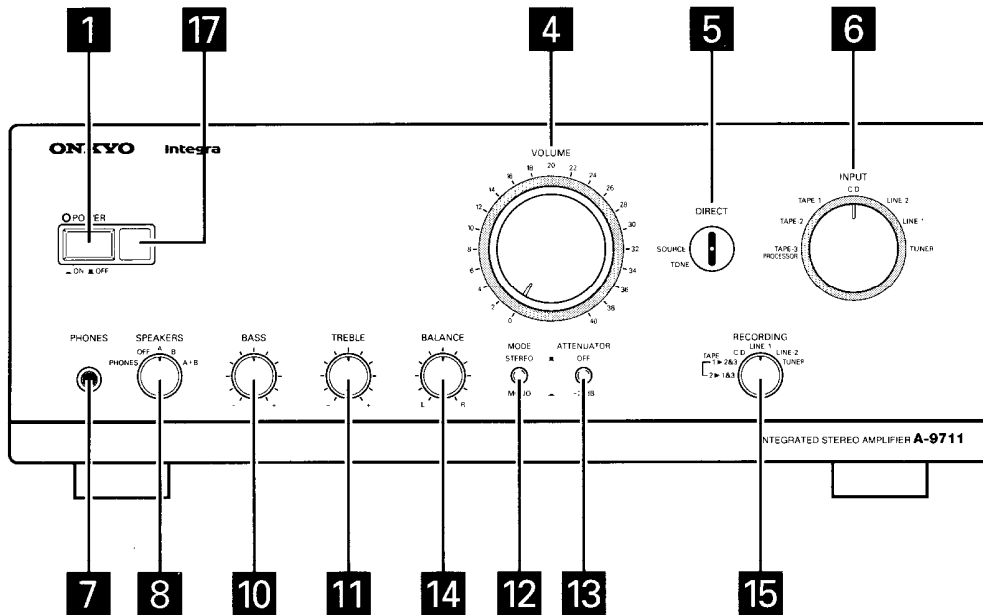
Front panel facilities

See pages 11 and 12 for detailed explanations. The explanations with black numbers on a white background refer to the A-9911 and those with white numbers on a black background refer to the A-9711.

A-9911

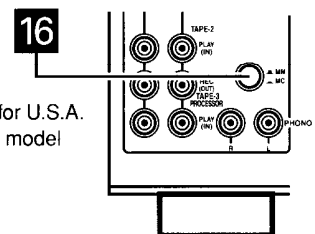


A-9711



A-9711 may differ in design in some portions, depending on the different models, U.S.A. & Canadian, and European & Worldwide. This illustration shows European & Worldwide Model.

Rear panel for U.S.A. & Canadian model



1 Power Switch (POWER) and Indicator

When the POWER switch is pressed, the INPUT indicator will light up in orange and the POWER indicator should initially light up in red. In a few seconds, the super-servo circuit starts to correctly work and the POWER indicator will turn to orange. If the POWER indicator remains red, it indicates possible failure in the amplifier. It also suggests a possibility of short circuit of speaker cable(s). In this case, turn OFF the POWER switch then check for correct connection between the amplifier and the speakers. If the indicator still remains red without changing to orange, turn off the power, disconnect the power cord and consult your nearest ONKYO Service Station.

1 Power Switch (POWER) and Indicator

Press the POWER switch and the indicators POWER and INPUT should be lit with the VOLUME indicator blinking. In a few seconds, the super-servo circuit starts to correctly work and the VOLUME indicator will change to glowing from blinking. If the VOLUME indicator remains blinking, it indicates possible failure in the amplifier. It also suggests a possibility of short circuit of speaker cable(s). In this case, turn OFF the POWER switch then check for correct connection between the amplifier and the speakers. If the indicator still continues blinking, turn off the power, disconnect the power cord and consult your nearest ONKYO Service Station.

2 Frequency Switch (FREQUENCY)

Turn the MIDBASS PRESENCE knob clockwise or counterclockwise in relation to the center position as necessary to select a center frequency you want to emphasize or damp respectively. To make this knob active, you must set the DIRECT switch to the TONE position in advance.

- 300: Sound tone changes around a frequency of 300 Hz.
- 200: Sound tone changes around a frequency of 200 Hz.

3 Subsonic Switch (SUBSONIC)

Set this switch to the (■) ON position when you want to eliminate extremely low frequency noises caused by warped records. To make this switch active, you must set the DIRECT switch to the TONE position in advance.

4 Volume Control Knob (VOLUME)

This controls volume. Turning it clockwise increases volume. This control employs the system of simultaneous changes in volume and boost characteristics.

Under an extremely low sound volume, a little difference in sound level may occur between the right and left speakers, which, however, is not a malfunction. For such low sound level, set the DIRECT switch to the TONE position and the ATTENUATOR switch to (■) “-20 dB” for easy sound balance control.

4 Volume Control Knob (VOLUME) and Indicator

This controls volume. Turning it clockwise increases volume. This control employs the system of simultaneous changes in volume and boost characteristics.

Under an extremely low sound volume, a little difference in sound level may occur between the right and left speakers, which, however, is not a malfunction. At low volumes, set the DIRECT switch to TONE and the ATTENUATOR switch to -20 dB (■) for easy sound-balancing control.

Immediately after the power-ON or remote control muting-ON procedure, the volume indicator will blink slowly. The volume indicator blinks quickly to indicate that the protection circuit is activated.

5 Direct Switch (DIRECT)

POWER AMP (A-9911 only): When the switch is set to this position, signals from the POWER AMP DIRECT connector are directly transmitted to the volume without passing through the INPUT selector switch and the tone control circuits, such as BASS and TREBLE.

SOURCE: Sound signals you select by the INPUT selector switch are directly transmitted to the volume without passing the tone control circuits such as BASS, TREBLE, BALANCE and ATTENUATOR.

TONE: This position allows tone control of sound signals you select by the INPUT selector switch with the aid of those knobs, such as BASS, TREBLE, BALANCE and ATTENUATOR.

6 Input Selector Switch (INPUT)

This switch is used to select the desired program source. This switch cannot be used when the DIRECT switch is set to POWER AMP.

6 Input Selector Switch (INPUT)

This switch is used to select the desired program source. This switch can be turned in either direction without end stops.

The switch is also able to be switched directly using the Input Selector buttons on the remote control.

The INPUT indicator remains blinking to indicate the microcontroller is in operation.

7 Headphone Jack (PHONES)

Stereo headphones with a standard binaural plug can be connected here.

To listen to musical performances through a pair of headphones, set the SPEAKERS selector switch to the PHONES position.

Front panel facilities

8 8 Speaker Selector Switch (SPEAKERS)

This unit can drive two different speaker systems at once. Use this selector to activate either or both speaker systems connected to the rear panel speaker terminals. The headphones cannot be used when A, B, A + B or OFF is selected.

- A : Speakers A
- B : Speakers B
- A + B : Both speaker systems A and B.
- OFF : When you set the switch to this position, the speakers and the PHONES jack are all turned OFF.
- PHONES : Select this position when you want to use headphones. When you select this position, the speakers are turned OFF.

9 Midbass Presence Knob (MIDBASS PRESENCE)

This knob helps complement insufficient or excessive low to mid-range to caused by effects of listening room conditions and/or furniture in the room. Turn the knob clockwise or counterclockwise as necessary to emphasize or damp low to mid-range tone respectively. To make this knob active, you must set the DIRECT switch to the TONE position in advance.

10 10 Bass Control Knob (BASS)

Turn right to boost or left to attenuate bass. In the center position, the BASS tone control circuitry is completely by-passed. To make this knob active, you must set the DIRECT switch to the TONE position in advance.

11 Treble Control Knob (TREBLE)

Turn right to boost or left to attenuate treble. In the center position, the TREBLE tone control circuitry is completely by-passed. When turned to the extreme left, the TREBLE control acts as a high cut filter to eliminate scratches, hissing and other high frequency noise. The TREBLE control knob is made of two knobs to allow separate treble control for the right and left speakers: the outer knob is for the left speaker and the inner knob is for the right. Since the two knobs move together, adjust the right speaker with the inner knob first. Then, hold the inner knob in place and adjust the left speaker with the outer knob. To activate this knob, set the DIRECT switch to TONE in advance.

11 Treble Control Knob (TREBLE)

Turn right to boost or left to attenuate treble. In the center position, the TREBLE tone control circuitry is completely by-passed. When turned to the extreme left, the TREBLE control acts as a high cut filter to eliminate scratches, hissing and other high frequency noise. To make this knob active, you must set the DIRECT switch to the TONE position in advance.

12 12 Mode Selector Switch (MODE)

- STEREO (■) : Position for normal stereo listening.
- MONO (■) : Both right and left channel signals are sent to each speaker. Position for listening to monaural recordings or when adjusting the BALANCE control.

To make this switch active, you must set the DIRECT switch to the DIRECT or TONE (A-9911) position, or to the TONE (A-9711) position in advance.

13 13 Attenuator Switch (ATTENUATOR)

Use this switch in cases when you want to temporarily turn down the speakers or listen to the unit in a low sound level. The position “-20 dB” (■) corresponds to sound level reduction by 1/10 (-20 dB). When you set the switch to this position while listening to the unit in low sound level, fine volume control is available. To make this switch active, you must set the DIRECT switch to the TONE position in advance.

NOTE:

Note that the unit becomes abruptly turned up when you set this switch OFF (■). This holds true for a case when you set the DIRECT switch to a position other than TONE with the ATTENUATOR switch left at “-20 dB” (■).

14 Balance Control Knob (BALANCE)

Adjust to control the relative volume level of the left and right speakers or headphones.

The speaker balance knob functions like an attenuator, limiting a maximum sound level difference between the right and left speakers to 5 dB (in increments of 1 dB), which is relatively small. Even when you turn the BALANCE knob all the way clockwise or counterclockwise for either one of the speakers, the opposite speaker never be turned OFF. To make this switch active, you must set the DIRECT switch to the TONE position in advance.

14 Balance Control Knob (BALANCE)

Adjust to control the relative volume level of the left and right speakers or headphones.

To make this switch active, you must set the DIRECT switch to the TONE position in advance.

15 15 Recording Source Selector Switch (RECORDING)

Use this switch to select a source for recording.

16 16 Cartridge Selector Switch (CARTRIDGE) (A-9711: ■ MM ■ MC)

- MC : Turntable using an MC cartridge.
- MM : Turntable using an MM cartridge.

Use the MM position when a step-up transformer is being used with a turntable equipped with an MC cartridge.

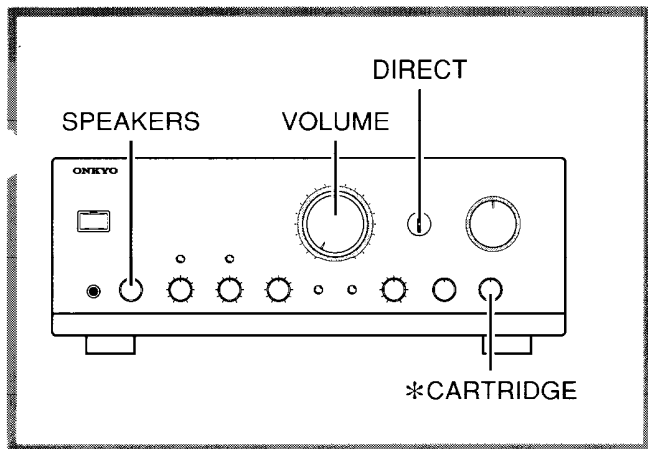
NOTE:

Remember to turn down the VOLUME control far enough to avoid possible noise before setting switches or replacing cartridges. For details on cartridges you are using, refer to the owner's manual provided with the cartridges.

17 Remote Control Sensor

This receives signals sent from remote control.

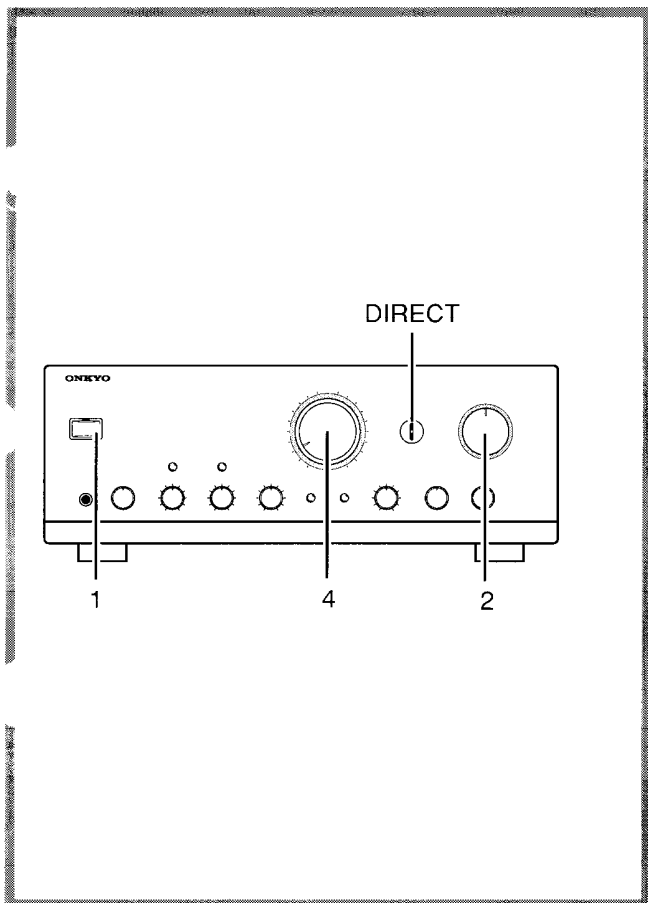
Playing your favorite source



Preparation for playback

- DIRECT switch:** Set this switch to the SOURCE position.
- VOLUME control:** Turn this control all the way counterclockwise.
- SPEAKERS:** Set this switch to a desired position, either A or B, showing a pair of speakers you want to sound.
- CARTRIDGE selector switch:** Set this switch a correct position, either MC or MM, you have installed in your turntable.

* The CARTRIDGE selector switch (■ MM ■ MC) is located on the rear panel of U.S.A. and Canadian models of the A-9711.



Listening to your favorite source

- 1. Press the POWER switch to turn ON the unit.**
(Model A-9911)The INPUT indicator will light up in orange and the POWER indicator will initially light up in red. After a few seconds, the POWER indicator will turn orange.
(Model A-9711)The indicators POWER and INPUT should be lit with the VOLUME indicator blinking. In a few seconds, the VOLUME indicator will turn to glowing.
- 2. Set the INPUT selector switch to a desired position showing playback equipment (source) you want to listen to.**
- 3. Start reproduction of the source you have selected.**
For reproduction procedures, refer to the MANUAL provided with the equipment.
- 4. Set the VOLUME control to a desired position for optimum sound level.**
Remember to slowly turn the VOLUME control clockwise while listening to the sound because abruptly turning up the unit can cause damage to the speakers.

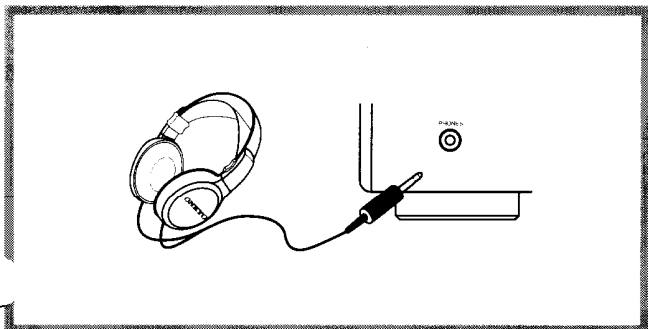
* When you want to use the BASS and/or TREBLE dials for high fidelity sound reproduction, refer to Page 14.

(A-9911 only)

When you want to listen to the playback equipment you have connected to the **POWER AMP DIRECT:** Set the DIRECT switch to the POWER AMP position to play music on the equipment.

(A-9711 only)

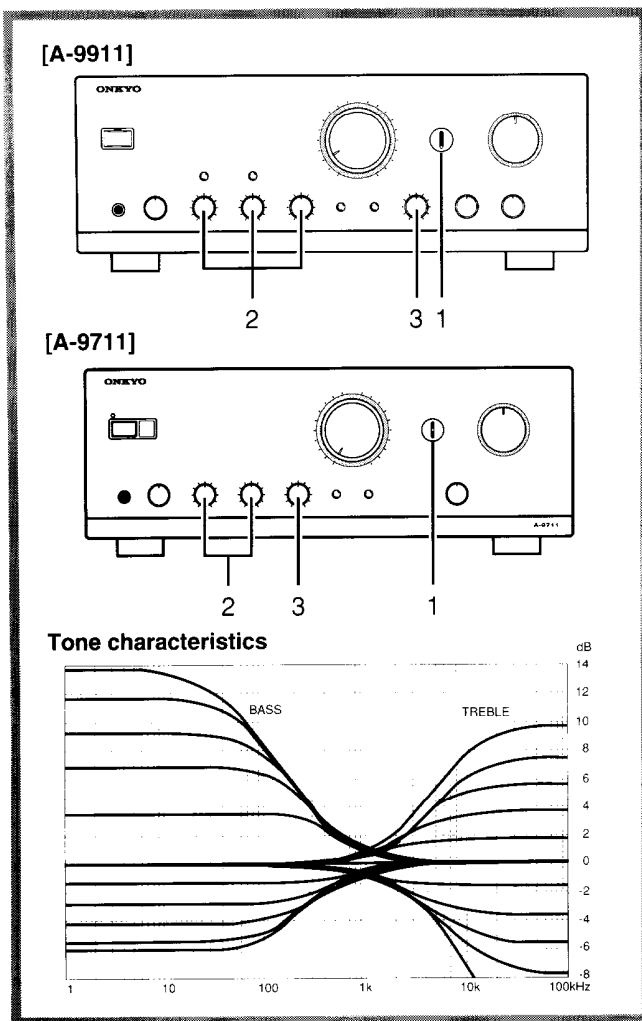
When operating the volume or input selector buttons on the remote control, the knobs on the main unit will move. Do not prevent the knobs from turning, otherwise a malfunction may occur.



Listening using the headphones

Turn down the unit, set the SPEAKERS selector switch to the PHONES position, fit the headphones to your ears then control the sound level.

Playing your favorite source



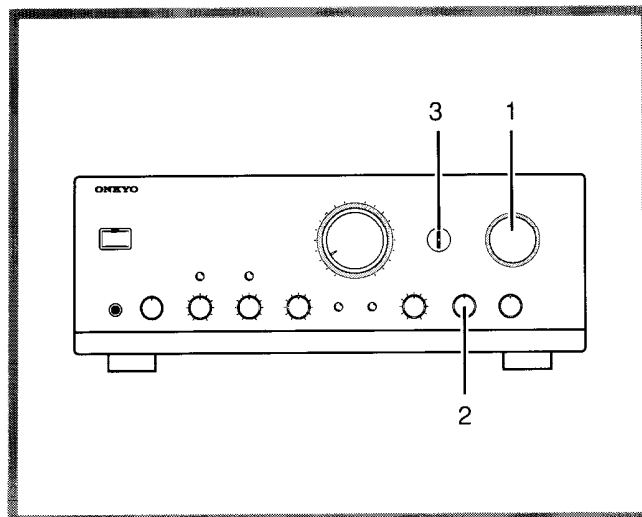
Adjusting sound quality and balance

1. Set the **DIRECT** switch to the **TONE** position.
2. **Adjust sound quality.**
Adjust the **TREBLE** and **BASS** control knobs for high- and low-pitched tones respectively. To emphasize or damp the respective tone, turn the knobs clockwise toward the plus (+) mark or counterclockwise toward the minus (-) mark respectively.
In Model A-9911, use the **MIDBASS PRESENCE** knob for adjustment of low to mid-range tone. The **MIDBASS PRESENCE** knob works in conjunction with the **FREQUENCY** switch.
3. **Adjust right and left sound level balance.**
Proceed with this adjustment in a case when right and left sound level balance varies depending on different listening positions due to listening room conditions and/or speakers setting.
Turn the **BALANCE** control knob clockwise toward the mark **R** or counterclockwise toward the mark **L** as necessary to move the sound image right or left respectively. Remember to install the speakers in correct arrangement so that optimum balance is available when the balance dial is set to the center.
To proceed with balance adjustment, set the **MODE** switch to the **MONO** position then set the **BALANCE** control knob to a correct position at which the sound image becomes center.

About the Variable Tone Boosting System

This unit is designed to gradually reduce the effect of the tone controls (**BASS** and **TREBLE**) when the **VOLUME** exceeds a certain level. The variable boosting system gradually reduces the boosting effect of the **BASS** and **TREBLE** controls when one or both of these controls is turned beyond (to the right of) the center defeat position and the **VOLUME** control is turned beyond the center position. When the **VOLUME** is turned all the way up, the frequency response will be flat again. **VOLUME** settings below the center position are not altered by **BASS** and **TREBLE** control settings. Also, **BASS** and **TREBLE** control settings below (to the left of) the center position are not altered by the volume level.

Using an audio processor and/or a graphic equalizer with this unit



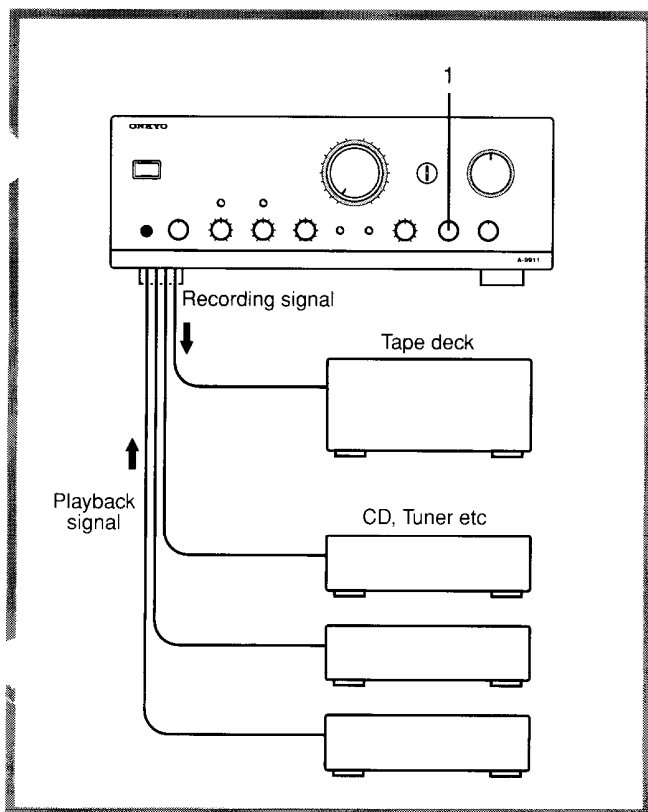
Operating procedures

When you use an audio processor with this unit, run and connect cables between the **TAPE-3/PROCESSOR REC (OUT)** on this unit and the **INPUT** connector on the audio processor, and between the **TAPE-3/PROCESSOR PLAY (IN)** connector on this unit and the **OUTPUT** connector on the audio processor.

1. Set the **INPUT** selector switch to the **TAPE-3/PROCESSOR** position.
2. Set the **RECORDING** switch to a correct source position for reproduction.
3. Set the **DIRECT** switch to the **SOURCE** or **TONE** position.
4. Set the audio processor for operation.
5. Start reproduction.

This unit does not allow such recording as taking advantage of audio processor acoustics. For this purpose, use an audio processor provided with recording facility.

Recording procedures



Recording procedures

- The effects of BASS, TREBLE, MIDBASS PRESENCE, BALANCE, FREQUENCY, ATTENUATOR and SUBSONIC are not available for recording with this unit.
- Adjust recording levels on the cassette tape deck.
- In Model A-9911, recording is not available from any equipment connected to the POWER AMP DIRECT connector.
- Recording is not available from any equipment connected to the TAPE-3 connector.

1. Set the **RECORDING** switch to a desired source for recording.
2. Set the cassette tape recorder in recording mode.
Recording is available in any deck(s) connected to the connectors TAPE-1, TAPE-2 and TAPE-3 PROCESSOR.
3. Play a performance on the source you have selected in Step 1.

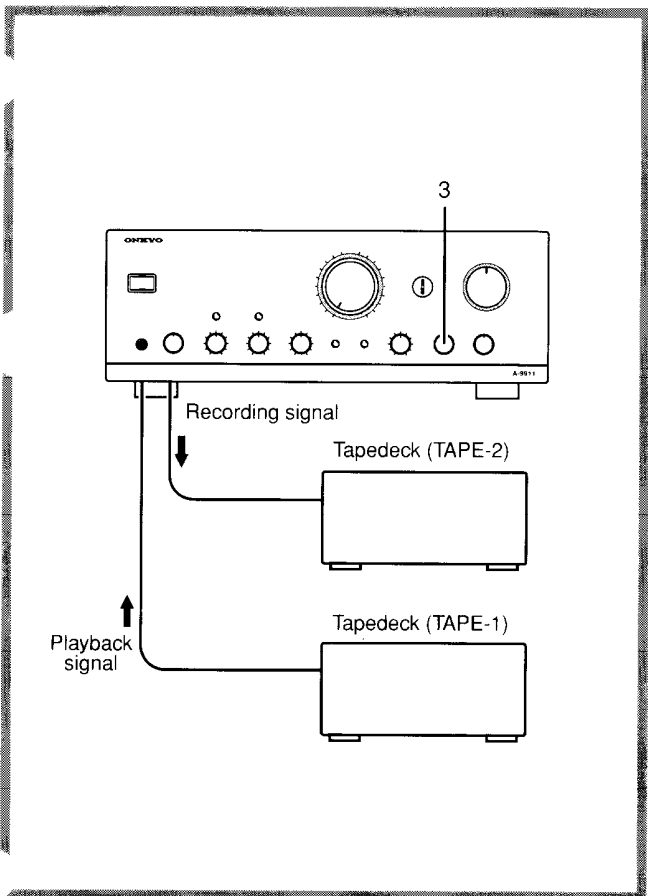
Monitoring of recording

For recording on a three-heads cassette deck, the recording sound may be monitored while comparing with the source.

Example: Recording to TAPE-1 from CD

(Be sure to set the RECORDING switch to CD.)

- Set the INPUT switch to the TAPE-1 or CD position as necessary to monitor sound in process of recording or reproducing sound in the CD respectively.
- * The INPUT switch may be changed in process of recording without any effect on the recording process and thus you can listen to other equipment while recording is in progress.



Tape dubbing

- Dubbing is available between different equipment such as cassette deck, DAT and MD recorder connected individually to the connectors TAPE-1, TAPE-2 and TAPE-3.
- For operating procedures of each equipment, refer to the owner's manual provided with the equipment.

Example: Dubbing from TAPE-1 to TAPE-2:

1. Load a tape deck connected to the connector TAPE-1 with a recorded tape.
2. Load an another tape deck connected to the connector TAPE-2 with a new tape for dubbing.
3. Set the **RECORDING** switch to the "TAPE-1 ► 2 & 3" position.
4. Start recording on the deck connected to TAPE-2.
5. Start playback on the deck connected to TAPE-1.

- For dubbing from TAPE-2 to either TAPE-1 or TAPE-3, be sure to set the RECORDING switch to the "TAPE-2 ► 1 & 3" position.
- Dubbing from TAPE-3 to either TAPE-1 or TAPE-2 is not available.

Monitoring of dubbing

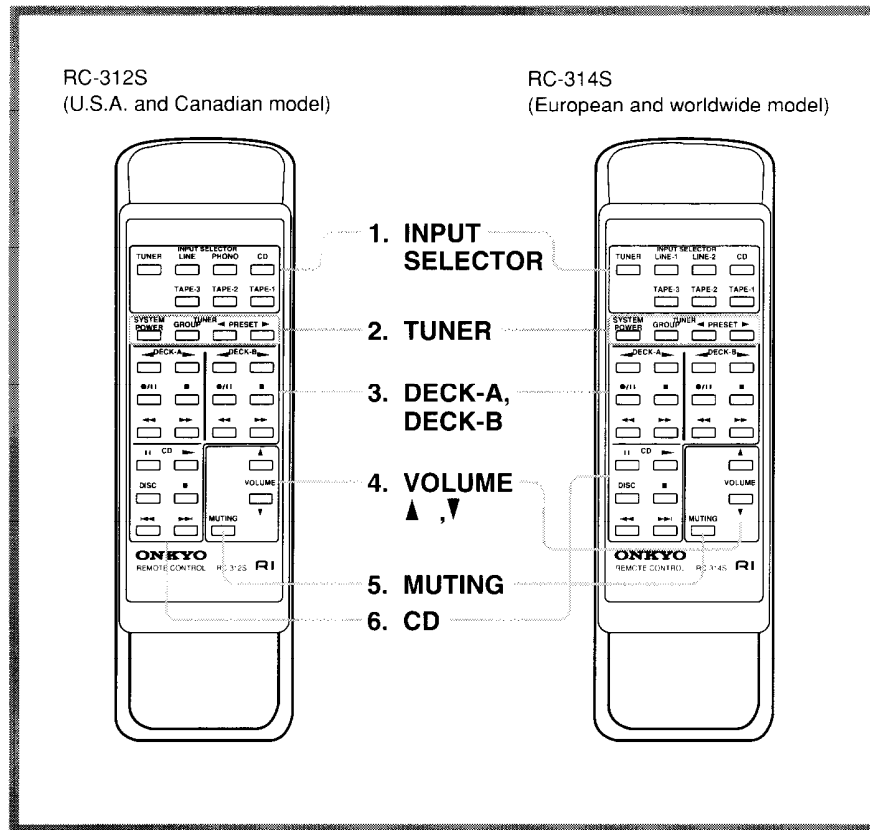
For recording on a three-heads cassette deck, the recording sound may be monitored while comparing with the source.

Example: Recording from TAPE-1 to TAPE-2

(Be sure to set the RECORDING switch to "TAPE-1 ► 2 & 3.")

- Set the INPUT switch to the TAPE-2 or TAPE-1 position as necessary to monitor sound in process of recording or reproducing sound in the TAPE-1 respectively.

Functions only available on Model A-9711



Remote control

1. Input selector buttons

2. Tuner operation buttons

SYSTEM POWER: Tuner power button

GROUP: Group or class selector button

PRESET: Preset memory

▲(up)/▼(down) buttons

3. Tape operation buttons

◀ : Reverse play button

▶ : Forward play button

●/|| : Record/pause button

■ : Stop button

◀◀ : Fast rewind button

▶▶ : Fast forward button

4. Volume control buttons

5. Audio muting button

6. CD operation buttons

|| : Pause button

▶ : Play button

DISC : Disc button for CD changer

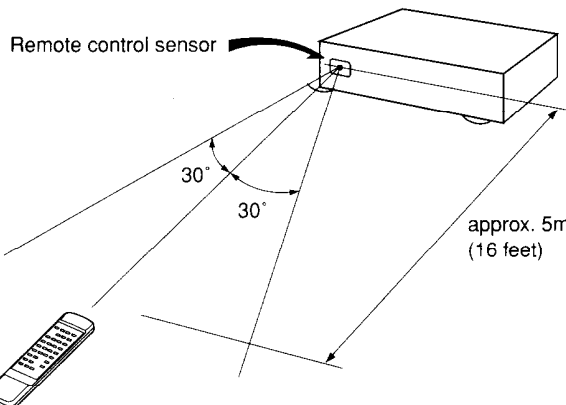
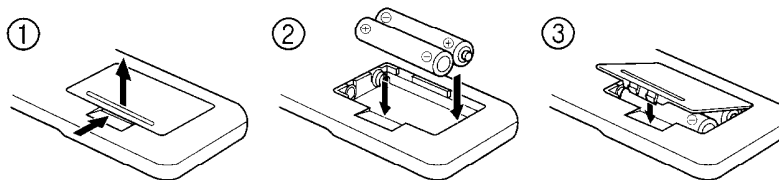
■ : Stop button

◀◀ : Down button

▶▶ : Up button

* In order to use the buttons listed above in 2., 3. and 6., connect the units as shown on the following page.

Please insert the batteries into the remote control according to the illustration.



Loading the batteries

Remove the battery compartment cover by opening it as shown in the illustration. Load three R6 (UM-3) AA size batteries into the remote control with the plus (+) and minus (-) terminals positioned as indicated by the diagram inside the battery compartment and close the cover.

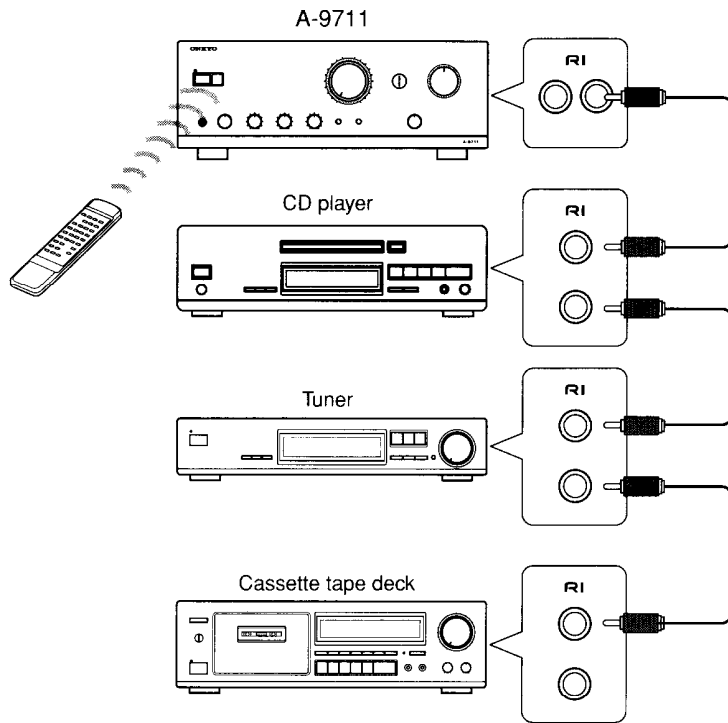
- Remove dead batteries immediately to avoid corrosion damage.
- To avoid potential corrosion damage never mix old batteries with new ones.
- The manganese batteries supplied with this unit have a service life of approximately six months, depending on frequency of usage.
- This unit comes equipped with R6 (UM-3) AA manganese batteries, but we recommend that long-life alkaline batteries LR6 (AM-3) AA be used when replacing the batteries.

Using the remote control

The following information will help you get optimal use from the remote control.

- Place the A-9711 away from direct bright light, which can prevent proper operation of the remote control.
- Make sure audio rack doors do not have colored glass. If the A-9711 is placed behind such a door, this may prevent proper remote control operation.
- Using other remote controls in the same room as the A-9711 remote control may cause interference.

A cassette tape deck, compact disc player and tuner that have the Onkyo **RI** mark can be operated using the A-9711's accessory remote control.

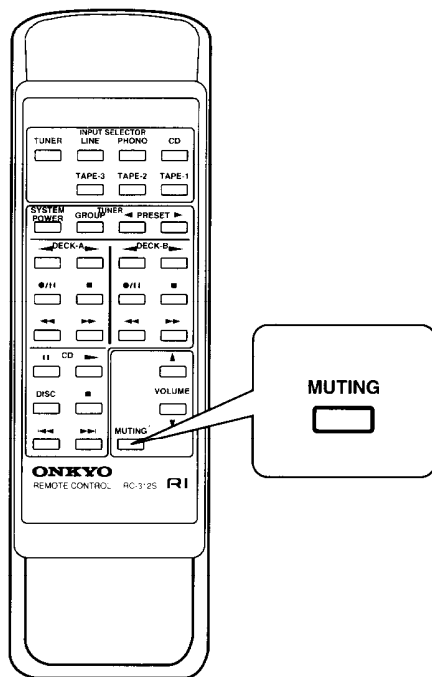


Connections for remote control

1. To use the A-9711 with an Onkyo cassette tape deck, compact disc player and tuner with the **RI** mark, connect the components together with **RI** remote control cables, plugged into the REMOTE CONTROL jacks.
2. As the exact connection sequence of the **RI** cable is unimportant, you can connect from the A-9711 to either the tuner, the cassette tape deck or to the compact disc player.
3. To operate correctly, the remote control must face towards the remote control sensor of the A-9711.

NOTE:

- The left and right **RI** remote control jacks have the same function.
- A tuner, cassette tape deck, and compact disc player that have the Onkyo **RI** mark can be operated, using the accessory remote control unit. (**RI**: Remote Interactive)
- Remote control operation is not possible when only the remote control cable is connected – the audio connection cables must also be connected.
- An **RI** remote control cable equipped with a 1/8" (3.5mm) diameter miniature two-conductor phone plug is included with every tuner, compact disc player, or cassette tape deck with the **RI** mark.

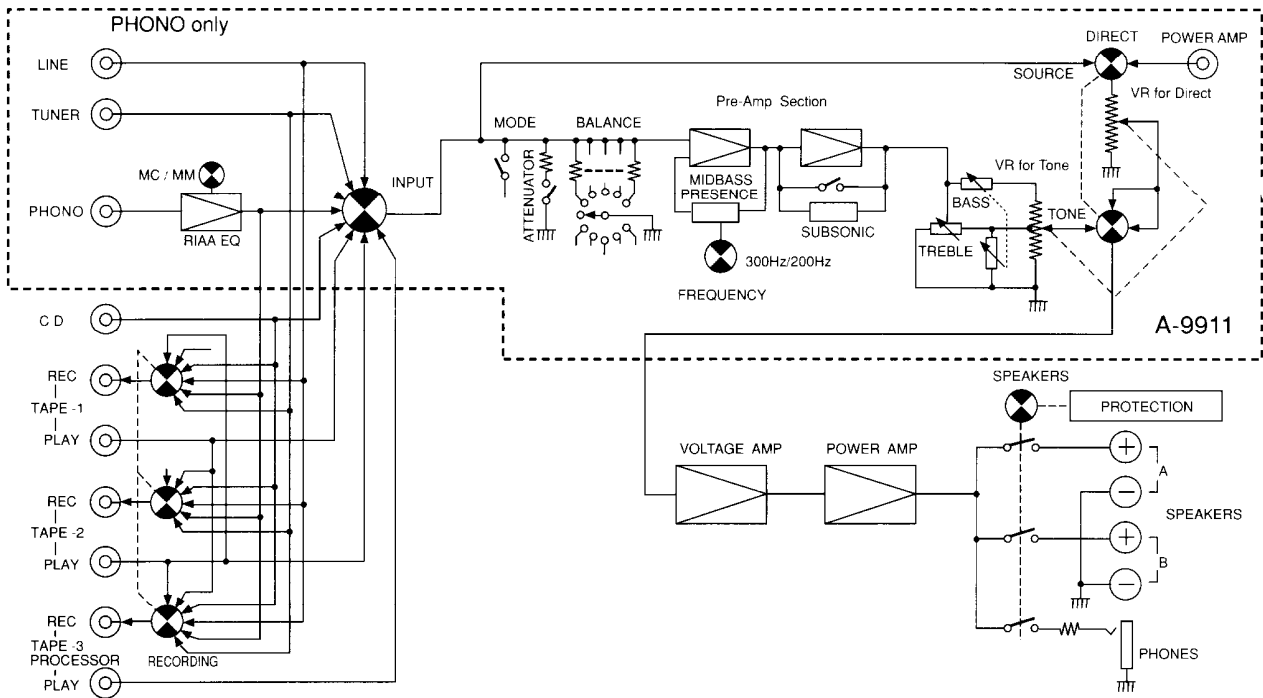
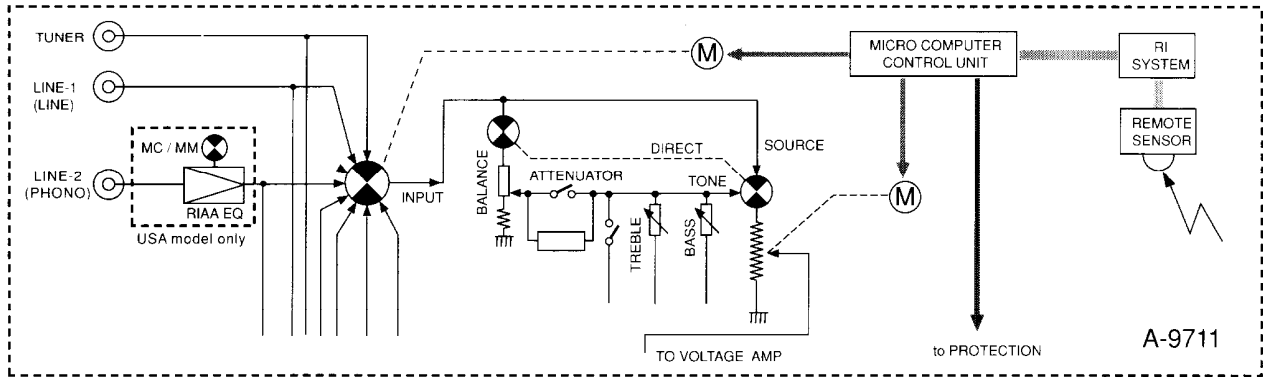


Temporarily Muting

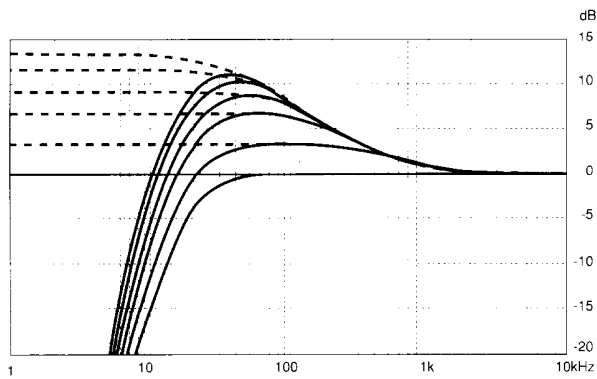
This button temporarily switches off the sound from the speakers and headphone by operating this unit audio muting circuits. Press this button and the VOLUME indicator should start blinking at slow intervals. Pressing the button again will turn off the audio muting.

Diagrams

Block Diagram

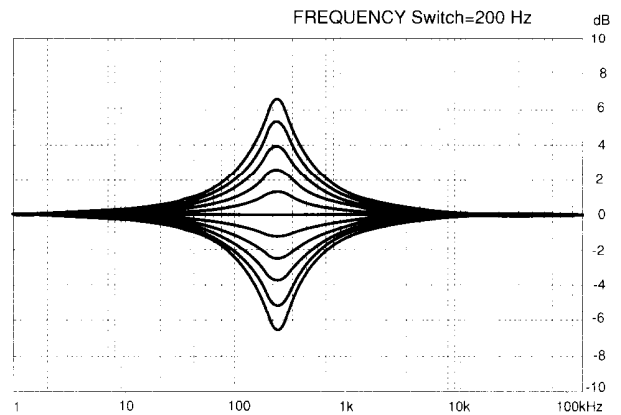


(A-9911) Bass Boost & Subsonic Filter

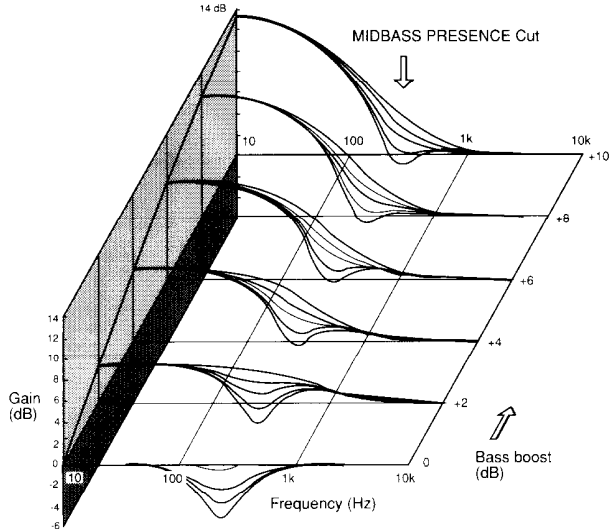


— : Composite Characteristics with SUBSONIC Switch ON
 - - - : Bass Boost Specific Characteristics

(A-9911) Midbass Presence



(A-9911) Bass Boost & Midbass Presence



Troubleshooting guide

Trouble	Cause	Remedy
No power.	<ul style="list-style-type: none"> Power cord is disconnected. AC fuse blown. 	<ul style="list-style-type: none"> Connect power cord. Contact your ONKYO service center.
Power but no sound.	<ul style="list-style-type: none"> Incorrect position setting of SPEAKERS, INPUT and/or DIRECT switches VOLUME set to minimum level Audio muting switch on. (A-9711) Bad connections. Amplifier protection circuitry has been activated. 	<ul style="list-style-type: none"> Set the switches to correct positions in which equipment has been connected. Set the VOLUME control to a correct sound level. Switch to off by remote control. Check connections, speaker cables, etc. Contact your ONKYO service center.
Hum, low-frequency noise.	<ul style="list-style-type: none"> Poor or no input ground. Poor or no phono motor ground. The placement of the audio connection cable on the rear panel is not correct. 	<ul style="list-style-type: none"> Check outer conductor of input plugs. Check for proper ground connection. Adjust the placement of the cables to reduce hum.
Howling when the volume is turned up.	<ul style="list-style-type: none"> Turntable and speakers are too close together. 	<ul style="list-style-type: none"> Move them farther apart.
Rough or scratchy sound. High range is † clear.	<ul style="list-style-type: none"> Stylus of pick-up is worn. Stylus tip is dirty. Treble control too high. 	<ul style="list-style-type: none"> Replace. Clean. Turn treble control down.
Available sound is limited to one of the speakers or lower sound level on one of the speakers	<ul style="list-style-type: none"> Disconnected or short-circuited speaker cable BALANCE knob turned all the way to either side 	<ul style="list-style-type: none"> Check for correct connection of speaker cable. Set the BALANCE knob to a correct position.
Sound quality-related controls and/or switches (BASS, TREBLE, BALANCE) fail to correctly work.	<ul style="list-style-type: none"> DIRECT switch set to SOURCE or POWER AMP 	<ul style="list-style-type: none"> Set the DIRECT switch to TONE.
Recording is not available.	<ul style="list-style-type: none"> Incorrect position setting of RECORDING switch Recording is not available from equipment connected to POWER AMP DIRECT. (A-9911) 	<ul style="list-style-type: none"> Set RECORDING switch to a correct position. (Refer to 'Recording procedures' in Page 15 for procedures.) Connect the equipment to the other connector.
Failure to change sources with INPUT switch	<ul style="list-style-type: none"> DIRECT switch set to POWER AMP (A-9911) 	<ul style="list-style-type: none"> Set the DIRECT switch to SOURCE or TONE.
Front panel controls function but remote control transmitter does not. (A-9711)	<ul style="list-style-type: none"> No batteries in remote control transmitter. Batteries have worn out. 	<ul style="list-style-type: none"> Insert batteries. Replace batteries.

Also refer to the respective instruction manuals of the video disc player, video cassette recorder, TV monitor, etc., being used.

• (A-9711)

If a problem occurs while you are using the remote control, first operate the unit using the front panel controls to confirm that it is not due to a malfunction (or worn out batteries) of the remote control.

Specifications

Power Output:	A-9911 90 watts per channel, min. RMS, at 8 ohms, both channels driven from 20 Hz to 20 kHz, with no more than 0.06% Total harmonic distortion. 160 watts per channel, RMS, at 4 ohms, both channels driven at 1 kHz, with no more than 1% Total harmonic distortion. (DIN)	Power Output:	A-9711 80 watts per channel, min. RMS, at 8 ohms, both channels driven from 20 Hz to 20 kHz, with no more than 0.06% Total harmonic distortion. 140 watts per channel, RMS, at 4 ohms, both channels driven at 1 kHz, with no more than 1% Total harmonic distortion. (DIN)
Dynamic Power:	283 watts at 2 ohms 185 watts at 4 ohms 108 watts at 8 ohms	Dynamic Power:	235 watts at 2 ohms 160 watts at 4 ohms 100 watts at 8 ohms
Total Harmonic Distortion:	0.06% at rated power 0.06% at 1 watt output	Total Harmonic Distortion:	0.06% at rated power 0.06% at 1 watt output
Intermodulation Distortion:	0.06% at rated power	Intermodulation Distortion:	0.06% at rated power
Damping Factor:	130 at 8 ohms (1 kHz)	Damping Factor:	120 at 8 ohms (1 kHz)
Input Sensitivity / Impedance:	PHONO (MM) 3 mV / 47 kohms PHONO (MC) 300 μ V / 100 ohms CD, TUNER, LINE, TAPE-PLAY (TONE) 300 mV / 25 kohms CD, TUNER, LINE, TAPE-PLAY (SOURCE) 450 mV / 25 kohms POWER AMP DIRECT 450 mV / 25 kohms	Input Sensitivity / Impedance:	U.S.A. & Canadian model: PHONO (MM) 3 mV / 47 kohms PHONO (MC) 300 μ V / 100 ohms CD, TUNER, LINE, TAPE-PLAY (TONE) 300 mV / 25 kohms CD, TUNER, LINE, TAPE-PLAY (SOURCE) 300 mV / 25 kohms
Output Level / Impedance:	TAPE-REC 300 mV / 1.5 kohms (PHONO)	Output Level / Impedance:	TAPE-REC 300 mV / 1.5 kohms (PHONO)
Phono Overload:	MM: 1 kHz / 10 kHz at 0.05% THD 100 mV / 480 mV MC: 1 kHz / 10 kHz at 0.1 % THD 10 mV / 48 mV	Phono Overload (U.S.A. & Canadian model):	MM: 1 kHz / 10 kHz at 0.05% THD 100 mV / 480 mV MC: 1 kHz / 10 kHz at 0.1 % THD 10 mV / 48 mV
Frequency Response:	CD, TUNER, LINE, TAPE-PLAY (SOURCE) 2 Hz — 50 kHz (+0, -1 dB) PHONO (MM) (RIAA Deviation) \pm 0.3 dB, 20 Hz — 20 kHz	Frequency Response:	CD, TUNER, LINE, TAPE-PLAY (SOURCE) 2 Hz — 50 kHz (+0, -1 dB) PHONO (MM) (RIAA Deviation) (U.S.A. & Canadian model): \pm 0.3 dB, 20 Hz — 20 kHz
Tone Control (Vol -22 dB):	TREBLE (Turnover: 7 kHz) \pm 10 dB at 20 kHz BASS (Turnover: 200 Hz) +15 / -6 dB at 20 Hz MIDBASS PRESENCE \pm 6 dB at 200 Hz / 300 Hz	Tone Control (Vol -22 dB):	TREBLE (Turnover: 7 kHz) \pm 10 dB at 20 kHz BASS (Turnover: 200 Hz) +15 / -6 dB at 20 Hz
Subsonic Filter:	15 Hz (12 dB / oct.)	High Cut Filter:	TREBLE min. 6 kHz (6 dB / oct.)
High Cut Filter:	TREBLE min. 6 kHz (6 dB / oct.)	Attenuator:	-20 dB
Attenuator:	-20 dB	Muting (remote control):	- ∞
Signal to Noise Ratio (IHF-A):	PHONO (MM) 5 mV input 87 dB PHONO (MC) 0.5 mV input 70 dB CD, TUNER, LINE, TAPE-PLAY (TONE) 105 dB CD, TUNER, LINE, TAPE-PLAY (SOURCE) 117 dB POWER AMP DIRECT 117 dB	Signal to Noise Ratio (IHF-A):	U.S.A. & Canadian model: PHONO (MM) 5 mV input 84 dB PHONO (MC) 0.5 mV input 69 dB CD, TUNER, LINE, TAPE-PLAY (TONE) 110 dB CD, TUNER, LINE, TAPE-PLAY (SOURCE) 114 dB
Power Supply:	European & U.K. & Australian models AC 230 V, 50 Hz U.S.A. & Canadian models AC 120 V, 60 Hz Worldwide models AC 120 V and AC 220-230 V switchable, 60 / 50 Hz	Power Supply:	European & U.K. & Australian models AC 230 V, 50 Hz U.S.A. & Canadian models AC 120 V, 60 Hz Worldwide models AC 120 V and AC 220-230 V switchable, 60 / 50 Hz
Dimensions (W x H x D):	435 x 165 x 444 mm 17-1/8" x 6-1/2" x 17-1/2"	Dimensions (W x H x D):	435 x 164 x 428 mm 17-1/8" x 6-7/16" x 16-7/8"
Weight:	19.7 kg, 43.4 lbs.	Weight:	14.9 kg, 32.8 lbs.
			Specifications and features are subject to change without notice.

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