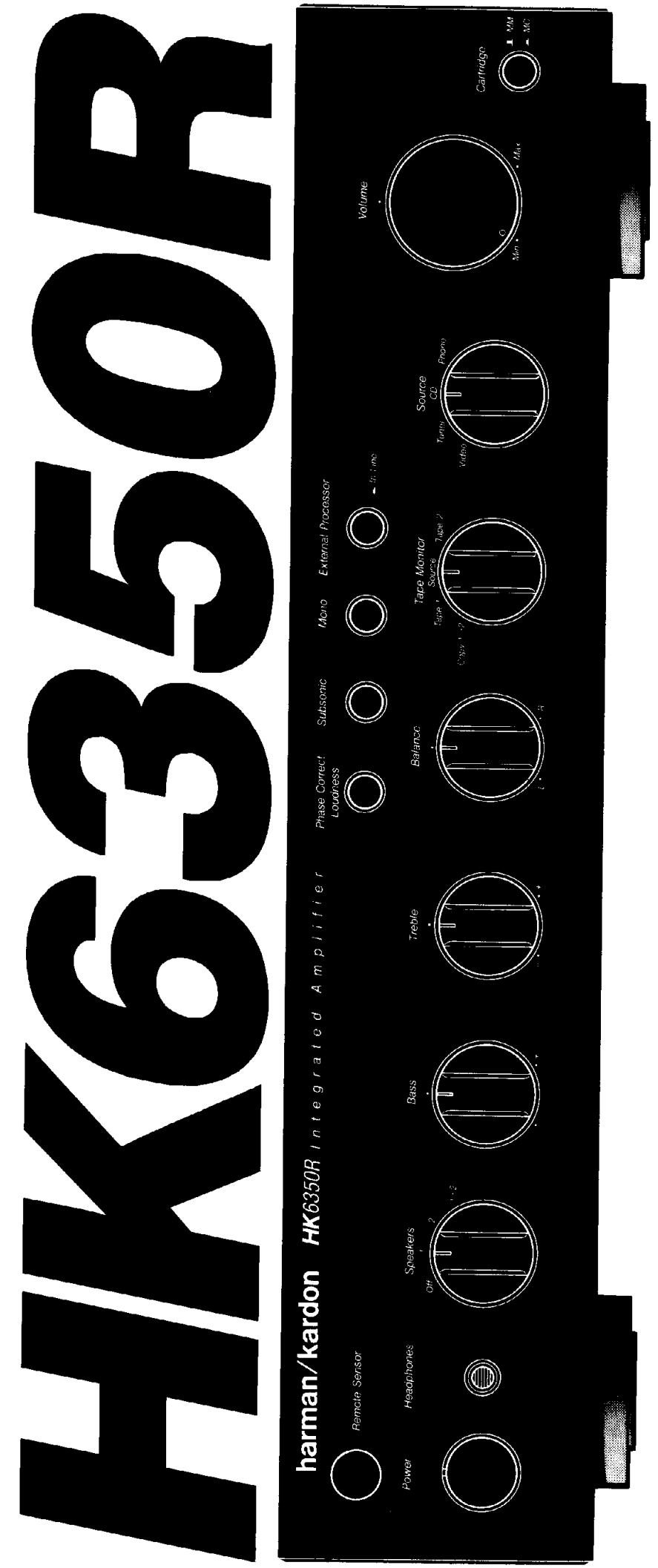
Integrated Amplifier

Instruction Manual

HK6350R



harman/kardon

Congratulations on your purchase of the Harman Kardon *HK6350R Integrated Amplifier.*

In order to appreciate the full performance of this sophisticated unit, please be sure to read this instruction manual and use your integrated amplifier only in accordance with its instructions. Keep it in a safe place for future reference.

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.

Explanation of Graphic Symbols

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

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

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

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.

■ HCC (High-instantaneous Current Capability)

Recent studies have shown that while reproducing dynamic music signals the instantaneous impedances of nearly all loud-speakers drop to less than one third of the nominal ratings. These low instantaneous impedances typically require 3 to 6 times more current than an 8 Ohm resistive load. Reduced dynamic range and increased distortion will result if the amplifier cannot provide these higher currents. For this reason, the *HK6350R* was designed to provide respectively 38 amperes of instantaneous current.

■ Ultrawide Bandwidth

The bandwidth of this unit is exceptionally wide and independent of negative feedback. This improves transient accuracy and phase linearity.

■ Low Negative Feedback

This unit has been designed to have low distortion and wide bandwidth without high negative feedback. This further improves its dynamic accuracy.

■ Discrete Component Circuitry

In order to achieve the above goals, all discrete electronic circuitry has been employed. All available integrated circuits could not provide this high level of performance.

■ Sophisticated Electronic Protection

Harman Kardon engineers developed a unique protection system that permits high instantaneous current to be driven into speaker systems but protects the amplifier from short-circuited or damaged speakers and wires. This protection system in no way limits amplifier output voltage or current during music reproduction, and therefore has no negative effect on sound quality.

■ Phase Correct Loudness

Phase correct loudness is an exclusive Harman Kardon feature which provides two major benefits: it can equalize and restore the low frequency response of small loud-speakers, and it can be used in place of conventional loudness contour. But unlike conventional bass boost circuits, Harman Kardon's phase correct loudness also includes a phase correction circuit that maintains clear, natural sound.

■ System Remote Control

Remote control of the amplifier power on/off and volume is provided, as well as many features of Harman Kardon's tuners, cassette decks, dual cassette decks, CD players and carousel CD changers.

Always Use at 120V AC

This unit is designed for operation with 120V AC. Connect only to domestic AC outlets. Never connect the unit to an outlet supplying a higher voltage. This may create a fire hazard.

NOTE: This unit draws a small amount of power with the power switch in the off position. You may wish to unplug the power cord when it is not in use for a prolonged period of time.

Handle the Power Cord Gently

- Do not disconnect the plug from the AC outlet by pulling the cord; always pull the plug itself. Pulling the cord may break the wire.
- If your unit will be left unused for any considerable length of time, disconnect the plug from the AC outlet.
- Do not place furniture or other heavy objects on the cord, and avoid dropping heavy objects on it. Also do not make a knot in the power cord. Not only may the cord be damaged, it can also cause a short circuit and a consequent fire hazard.

Place of Installation

Place your unit on a firm and level surface. Avoid installing your unit under the following conditions:

- Moist or humid places.
- Places exposed to direct sunlight or close to heating equipment.
- Extremely cold locations such as those in the direct draft from an air conditioner.
- Places subject to excessive vibration or dust.
- Poorly ventilated places.

Do not cover the ventilation slots on the top of the unit. This will cause the temperature inside the unit to rise, which can eventually affect the reliability of your unit.

Moving the Unit

Before moving the unit, be sure to unplug the power cord from the AC outlet and disconnect the interconnection cords to other units.

Do Not Open the Cabinet

To prevent fire or shock hazard, do not tamper with internal components for inspection or maintenance. Harman Kardon does not guarantee against performance degradation resulting from any modification.

If water, a hairpin or wire accidentally enters the unit, immediately unplug the power cord from the AC outlet to prevent shock and consult an authorized Harman Kardon service station. If you use the unit under this condition, it may cause a fire or shock hazard.

Cleaning

When the unit gets dirty, wipe it with a soft dry cloth. If necessary, wipe it with a soft cloth dampened with mild soapy water and then wipe with a dry cloth.

Never use benzine, thinner, alcohol or other volatile agents, and avoid spraying an insecticide near the unit.

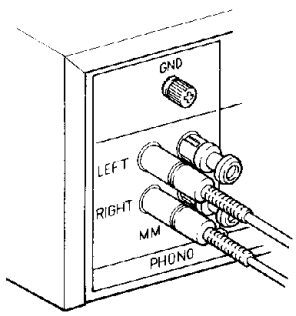
Connecting Other Components

Carefully connect the plugs to the left and right channel jacks. Push the plugs in all the way. Poor setting of the plugs tends to cause hum or intermittent sound and may damage the speakers.

NOTE: While you are connecting this unit to the rest of your high fidelity system, please unplug the power cord, disconnecting not only this unit but all the components, from the AC outlet.

Do not interwind the connection wires with the power cord. If interwound, the sound quality may be degraded.

When only one turntable is used, be sure to insert the attached short-pin plug into the PHONO MM or MC jacks that are not being used.



Connecting Speakers

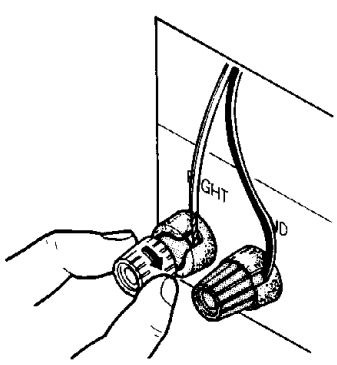
Connect the speaker wires carefully to the speaker terminals on the rear panel so as not to mistake the left and the right channels or reverse the speaker polarities (+ and –).

Use sufficiently thick wire (18 gauge for short lengths, 16–12 gauge for longer lengths). It is recommended to use color-coded wire for easy polarity identification. Speaker wires should be as short as possible, and the left and the right channel wires should be the same length.

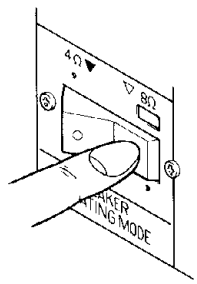
1. Remove about 3/4 inch (20 mm) of insulation from the end of each wire and twist the strands of each end.

3/4 inch

2. After making sure of the correct channel and polarity, loosen the SPEAKER SYSTEM terminal knob and insert the conductor directly into the recess at the upper-right of the terminal. Then tighten the terminal knob, and the end of speaker wire is automatically wound around the terminal.



3. Set the SPEAKER OPERATING MODE switch on the rear panel to match the impedance of your speakers. Remove the switch cover by pressing its lugs. If your speakers are nominally 4 Ohms, set this switch to the 4Ω position. If your speakers are nominally 8 Ohms, set this switch to the 8Ω position. Reinstall the switch cover in order to prevent accidental switching.



8 Ohms setting

CAUTION: Two speaker systems can be connected to this unit. When two speaker systems are connected, care should be taken that the net impedance does not become less than 8 or 4 Ohms depending on the position of the SPEAKER OPERATING MODE switch.

AC Convenience Receptacles

This unit is provided with two AC convenience receptacles on the rear panel for supplying power to a tuner, turntable, tape deck or other low power component. The receptacles have a power capacity of 180 watts each. Check the component's owner's manual to find its power requirement.

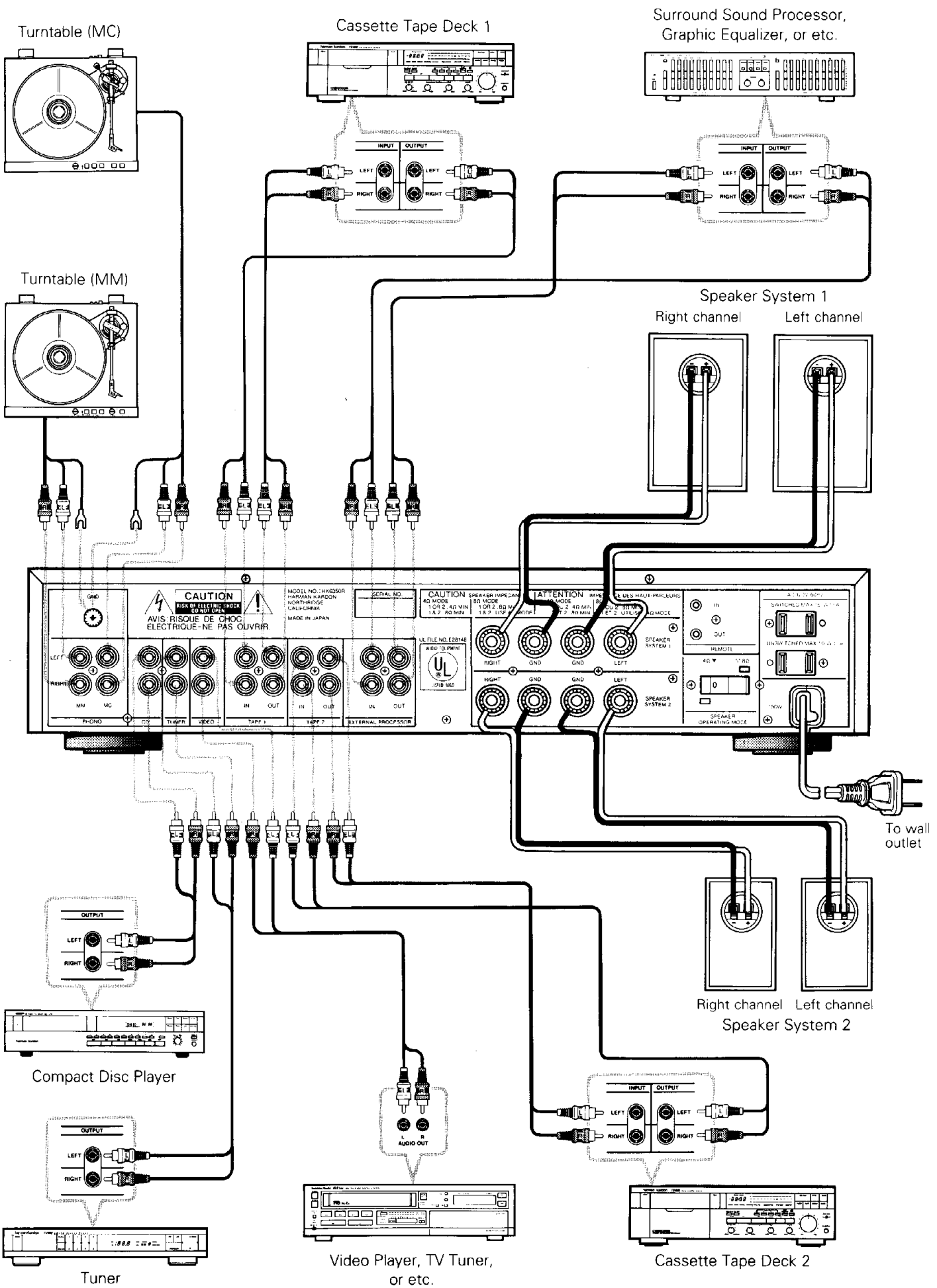
SWITCHED: The power to this receptacle is turned on and off by this unit's power switch.
UNSWITCHED: The power to this receptacle is independent of this unit's power switch.

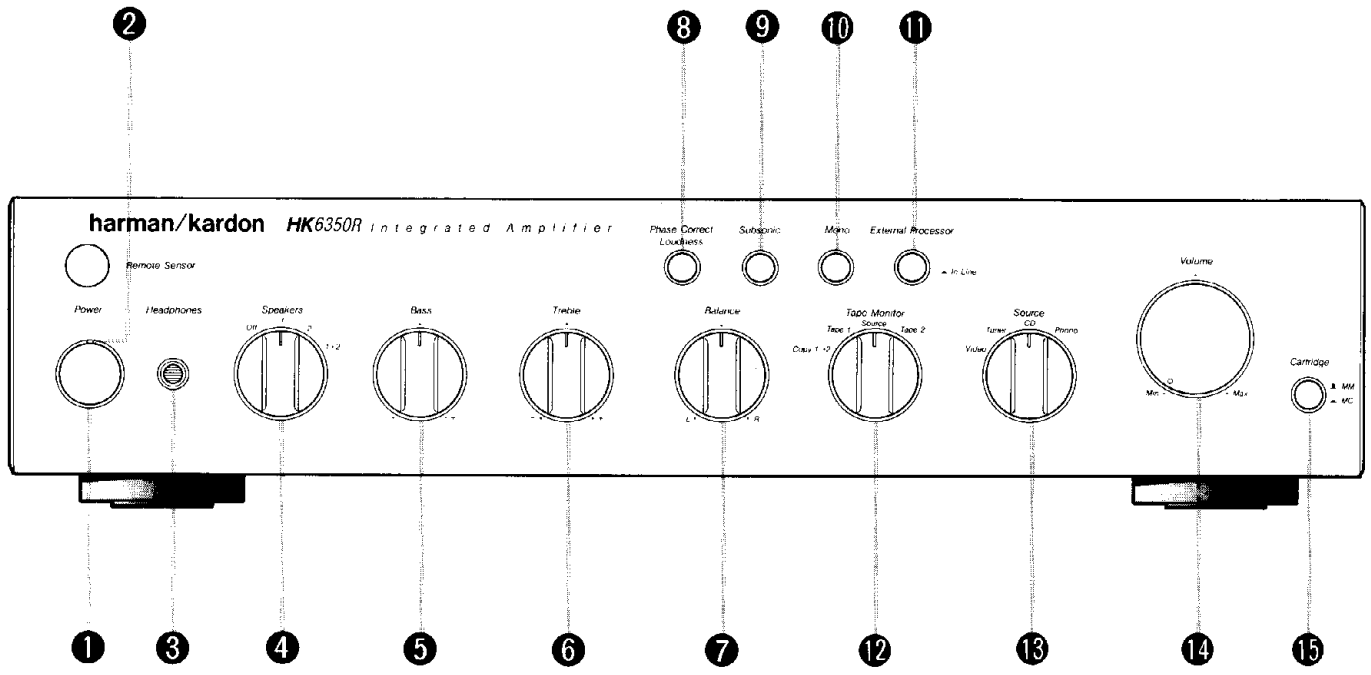
Wired Remote Control

To control your amplifier with an external infrared remote sensor, connect the wire from the remote sensor to the "Remote In" jack on the back panel. Or, if you have a stereo component with a built-in infrared remote sensor and a "Remote Output" jack, it may be possible to connect this jack to the "Remote In" jack of your amplifier. All Harman Kardon products with "Remote In" and "Remote Out" jacks are compatible with one another, except for the Citation 22, 24 and 25. Other manufacturers' remote sensors may not be compatible, but it will not hurt to experiment.

A second wire may be used to connect your amplifier's "Remote Out" jack to the "Remote Input" of another stereo component. Continue this process to include additional components (if compatible).

To control your amplifier, you may use the remote control supplied with the HK6350R. Or you may use a universal remote control unit, such as Harman Kardon's Masterworks™, which can also control other components, such as TVs, VCRs, tape decks and CD players. Masterworks is available from your Harman Kardon dealer.


Turntable (MC)
Cassette Tape Deck 1
Surround Sound Processor,
Graphic Equalizer, or etc.
Turntable (MM)
Speaker System 1
Right channel
Left channel
CAUTION
AVIS: RISQUE DE CHOC ELECTRIQUE - NE PAS OUVRIR
To wall outlet
Right channel
Left channel
Speaker System 2
Compact Disc Player
Tuner
Video Player, TV Tuner, or etc.
Cassette Tape Deck 2



❶ *POWER Switch*

Press this switch to turn the unit "On". Pressing it again will turn the unit off. While it is in the "On" position, the remote control can switch the unit between the "On" and "Standby" modes. The remote control is inactive when this switch is "Off". Note that this unit will draw a small amount of power when this switch is "Off".

❷ *POWER Indicator*

With the power switch is in the "On" position, this indicator is illuminated in green when the unit is "On", and is illuminated in amber when the unit is in "Standby". This indicator will not illuminate when the power switch is "Off".

❸ *HEADPHONES Jack*

Stereo headphones with a standard 1/4 inch plug can be connected to this jack. When the *SPEAKERS* selector is in the *Off* position, sound can still be obtained via the headphone jack.

❹ *SPEAKERS Selector*

This selector is used to select the desired speaker system(s).

Off : Select this position to listen to sound via the headphone with no sound from the speaker system(s).

1 : Select this position to actuate the speaker system connected to the SPEAKER SYSTEM 1 terminal.

2 : Select this position to actuate the speaker system connected to the SPEAKER SYSTEM 2 terminal.

1 + 2 : Select this position to actuate simultaneously the two speaker systems connected to the SPEAKER SYSTEM 1 and 2 terminals respectively.

❺ *BASS Control Knob*

This knob controls the low frequency sound level. Turn it clockwise to boost or counterclockwise to reduce the low frequency sound level.

❻ *TREBLE Control Knob*

This knob controls the high frequency sound level. Turn it clockwise to boost or counterclockwise to reduce the high frequency sound level.

❼ *BALANCE Control Knob*

This knob is used to balance the left and the right channels. Usually, it is set at the center. Turn it to the left or right to balance the sound if it seems unbalanced from the speakers or the headphones.

❽ *Phase Correct Loudness Switch*

This switch activates a unique low frequency equalization circuit that provvides full, natural sound from small speakers that are normally deficient in the bass region. It can also be used in place of conventional loudness compensation.

❾ *Subsonic Filter Switch*

When playing the turntable, this filter switch is used to reduce subsonic frequencies, which may excessively vibrate the speaker cones or turntable and cause feedback.

⑩ *Mono Switch*

This switch is used to combine the left and right channels and create a mono signal.

⑪ *External Processor Switch*

This switch activates a special "loop" which routes sound out of the amplifier, into a signal processor and back into the amplifier.

It can be used for equalizers, surround sound processors, dynamic noise reducers, or for special outboard processors required for certain speaker designs.

⑫ *TAPE MONITOR Selector*

This selector is used when playing a tape deck, or monitoring during recording.

Copy 1 → 2 : Select this position to duplicate the cassette tape in the deck connected to the TAPE 1 jacks onto the tape in the deck connected to the TAPE 2 jacks.

Tape 1 : Select this position to play a cassette tape, or to monitor during recording on the tape deck connected to the TAPE 1 jacks.

Source : Select this position to listen to a program source other than a cassette tape.

Tape 2 : Select this position to play a cassette tape, or to monitor during recording on the tape deck connected to the TAPE 2 jacks.

⑬ *SOURCE Selector*

This selector is used to select a program source other than a tape.

Video : Select this position to playback the audio signals from an audio/video component such as a camcorder, video player, or TV tuner connected to the VIDEO jack.

Tuner : Select this position to listen to an FM or AM broadcast from the stereo tuner connected to the TUNER jacks.

CD : Select this position to listen to the sound from a compact disc player connected to the CD jacks.

Phono: Select this position to listen to a disc played on the turntable connected to the PHONO MM or MC jacks.

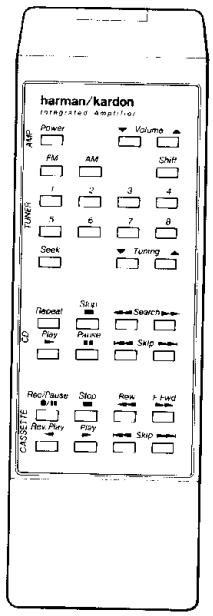
⑭ *VOLUME Control Knob*

This knob controls the sound level. Turning clockwise increases the sound volume, and turning counterclockwise decreases it. Set this knob at a minimum level before turning the power on or changing the sound source to protect the speakers from being damaged by a sudden high level sound.

⑮ *Cartridge Selector*

This switch selects the gain and input impedance of the phono input circuitry to match the type of phono cartridge used. Be sure to connect the turntable to the appropriate PHONO input jacks (MM for moving magnet type cartridges and MC for moving coil type cartridges), and to select that input with this selector switch.

REMOTE CONTROL



Using the remote control:
The system remote control can switch the amplifier's power status between "on" and "standby". The amplifier's power switch must be manually set in the "on" position in order for the remote control to function.

The volume up and down buttons control the position of the amplifier's volume control knob.

In addition to this amplifier, this system remote control can operate many basic functions on the following Harman Kardon tuners, CD players and cassette decks:

HD7450	HD7600II	TD4200*	TD4800	TU9200*
HD7500	TL8500	TD4400*	DC5300*	TU9400
HD7500II	TL8600	TD4500	DC5500	TU9600
HD7600		TD4600	DC5700	

Please refer to the owner's manual for each unit for operating instructions.

*These units must be connected to the amplifier's remote control output jacks so that the system remote control can operate them.

Operating Conditions

The control unit operates effectively within a distance of 7 meters (23 feet) and an angle of 30° from the amplifier. Using the control near fluorescent lights may shorten this range, as will any dust or dirt that accumulates on the front of the remote control, or the "Remote Sensor" area of the amplifier. Also avoid blocking the line of sight between amplifier and remote.

The control unit is powered by two AA batteries, included with your receiver. When you replace weak batteries, replace both at the same time. When the remote is to be unused for an extended period, remove the batteries to prevent damage from corrosion.

Listening to a Record (Disc)

1. Turn the *VOLUME* control knob to the minimum level and press the *POWER* switch. The *POWER* indicator lights up.
2. Set the *SPEAKERS* selector for the desired speaker system(s).
3. Set the *SOURCE* selector to the *Phono* position.
4. Set the *Cartrige* selector to the *MM* position when a turntable with a MM (moving magnet) cartridge connected to the PHONO MM jacks is to be used and to the *MC* position for a turntable with a MC (moving coil) cartridge connected to the PHONO MC jacks.
5. Set the *TAPE MONITOR* selector to the *Source* position.
6. Activate your turntable and place the stylus on the record (disc).
7. Turn the *VOLUME* control knob clockwise to increase the sound volume to the desired level.
8. If the disc has a large warp, press the *Subsonic* filter switch.
9. Adjust the *BASS* and *TREBLE* control knobs to obtain the desired tone.
10. Activate the *BALANCE* control knob, *Phase Correct Loudness* or *Mono* switches if necessary.
11. When using a component (such as a graphic equalizer, surround processor) connected to the EXTERNAL PROCESSOR jacks on the rear panel, press the *External Processor* switch and set it to the *In Line* position.

NOTE: If you hear a hum at average listening levels, turn the *POWER* switch off and check to see that the phono and the ground connections are secure. Depending on the cartridge type used, less hum may be created without the ground connection.

Listening to Radio Broadcasts

1. Turn the *VOLUME* control knob to the minimum level and press the *POWER* switch. The *POWER* indicator lights up.
2. Set the *SPEAKERS* selector for the desired speaker system(s).
3. Set the *SOURCE* selector to the *Tuner* position.
4. Set the *TAPE MONITOR* selector to the *Source* position.
5. Activate the tuner and tune to broadcast frequency.
6. When a monaural broadcast is received, press the *Mono* switch.
7. When the desired station is selected, advance the *VOLUME* control knob to a comfortable level and adjust the *BASS* and *TREBLE* control knobs as desired.
8. Activate the *BALANCE* control knob or *Phase Correct Loudness* switch if necessary.
9. When using a component (such as a graphic equalizer, surround processor) connected to the EXTERNAL PROCESSOR jacks on the rear panel, press the *External Processor* switch and set it to the *In Line* position.

Listening to a Compact Disc

1. Turn the *VOLUME* control knob to the minimum level and press the *POWER* switch. The *POWER* indicator lights up.
2. Set the *SPEAKERS* selector for the desired speaker system(s).
3. Set the *SOURCE* selector to the *CD* position.
4. Set the *TAPE MONITOR* selector to the *Source* position.
5. Activate the compact disc player and set the player in the play mode.
6. Advance the *VOLUME* control knob to a comfortable level and adjust the *BASS* and *TREBLE* control knobs as desired.
7. Activate the *BALANCE* control knob, *Phase Correct Loudness* or *Mono* switches if necessary.
8. When using a component (such as a graphic equalizer, surround processor) connected to the EXTERNAL PROCESSOR jacks on the rear panel, press the *External Processor* switch and set it to the *In Line* position.

Listening to the Video Input Source

To listen to a video component, TV tuner or other auxiliary component:

1. Turn the *VOLUME* control knob to the mimimum level and press the *POWER* switch. The *POWER* indicator lights up.
2. Set the *SPEAKERS* selector for the disired speaker system(s).
3. Set the *SOURCE* selector to the *Video* position.
4. Set the *TAPE MONITOR* selector to the *Source* position.
5. Activate the component connected to the VIDEO jacks.
6. Advance the *VOLUME* control knob to a comfortable level and adjust the *BASS* and *TREBLE* control knobs as desired.
7. Activate the *BALANCE* control knob. *Phase Correct Loudness* or *Mono* switches if necessary.
8. When using a component (such as a graphic equalizer, surround processor) connected to the EXTERNAL PROCESSOR jacks on the rear panel, press the *External Processor* switch and set it to the *In Line* position.

Tape Recording

Recording from a program source (FM/AM broadcast, turntable, compact disc player or sound track of video component) on a tape deck connected to the TAPE 1 and/or TAPE 2 jacks:

1. Turn the *VOLUME* control knob to the minimum level and press the *POWER* switch. The *POWER* indicator lights up.
2. Set the *SPEAKERS* selector for the desired speaker system(s).
3. Select the desired program source with the *SOURCE* selector.
4. Set the *TAPE MONITOR* selector to the *Source* position.
5. Advance the *VOLUME* control knob to a comfortable level.
6. If the program source mode is monaural, press the *Mono* switch.
7. Start recording by activating the tape deck(s) connected to the TAPE 1 and/or TAPE 2 jacks. The source sound can be listened to from the speakers or headphone.
8. To monitor the sound being recorded, set the *TAPE MONITOR* selector to the *Tape 1* or *Tape 2* position according to the tape deck that you wish to monitor.

NOTE: The record output signal is carried directly from the program source without being influenced by the *VOLUME, BALANCE, BASS* and *TREBLE* controls, *Phase Correct Loudness, Subsonic* and *External Processor* switches of this unit.

Tape Dubbing

Two tape decks can be connected to this unit and dubbing can be done from the tape in the tape deck connected to the TAPE 1 jacks onto the tape in the tape deck connected to the TAPE 2 jacks.

1. Turn the *VOLUME* control knob to the minimum level and press the *POWER* switch. The *POWER* indicator lights up.
2. Set the *TAPE MONITOR* selector to the *Copy 1 → 2* position.
3. If the program source mode is monaural, press the *Mono* switch.
4. After setting the tape deck connected to the TAPE 1 jacks for playback, and the tape deck connected to the TAPE 2 jacks for recording, dubbing will begin.

NOTE: You can listen to a program source selected via the *SOURCE* selector while dubbing is taken place.

To monitor the sound being recorded, use the headphones connected to the phones jack of tape deck.

Tape Playback

1. Turn the *VOLUME* control knob to the minimum level and press the *POWER* switch. The *POWER* indicator lights up.
2. Set the *SPEAKERS* selector for the desired speaker system(s).
3. Set the *TAPE MONITOR* selector to the *Tape 1* or *Tape 2* position corresponding to the tape deck to be played.
4. Insert a recorded tape in the tape deck and set the tape deck in the playback mode.
5. Advance the *VOLUME* control knob to a comfortable level and adjust the *BASS* and *TREBLE* control knobs as desired.
6. Activate the *BALANCE* control knob, *Phase Correct Loudness* or *Mono* switches if necessary.
7. When using a component (such as a graphic equalizer, surround processor) connected to the EXTERNAL PROCESSOR jacks on the rear panel, press the *External Processor* switch and set it to the *In Line* position.

TROUBLESHOOTING CHECKLIST

Most of the problems consumers have with their high fidelity system are due to incorrect operation. If this unit does not operate as you intended, first check the items in the following checklist. Also check other related components such as the tuner, turntable, speakers and other electrical equipment you use with this amplifier.

Problem	Cause	Remedy
The *POWER* indicator does not light up when the *POWER* switch is pressed.	• The power cord is not plugged in.	• Plug in the power cord securely.
The *POWER* indicator lights up, but no sound is heard.	• The *TAPE MONITOR* selector is in the *Tape 1* or *Tape 2* position. • The *SOURCE* selection was not made properly. • The *SPEAKERS* selector is in the *Off* position. • The *External Processor* switch is not in the appropriate position. • The speaker wires are disconnected or broken.	• Set the *TAPE MONITOR* selector to the *Source* position. • Set the *SOURCE* selector to the proper position for the desited program source. • Set the *SPEAKERS* selector to the position of your desired speaker system(s). • When equalizers, surround sound processors, etc. are not used, make sure that the *External Processor* switch is not set in the *In Line* position (not pressed down). • Check the speaker wires and connect them correctly.
Sound is not heard from the speaker system on one side.	• The connection of speaker wires is incorrect or incomplete. • The connection wires to other equipment are disconnected. • The *BALANCE* control knob is turned to either the extreme right or left position.	• Check the speaker wires for disconnection or breaking and reconnect them correctly. • Check the wires for disconnection and connect them correctly. • Set the mark on the *BALANCE* control knob to the center position.
When listening to stereo sound, the left and right sounds are reversed.	• The left and right speaker wires are reversed. • The left and right wires connected to other equipment are reversed.	• Check the speaker wires and connect them correctly. • Check the wires to other equipment and connect them correctly.
When playing a turntable, a low-pitched noise ("hum" or "buzz") is heard.	• The ground wire of the turntable is disconnected. • The connections of the turntable wires are incorrect or incomplete.	• Make the ground wire connection correctly. • Insert the turntable wires into the PHONO jacks of this unit securely.
When increasing the volume level while playing a turntable, an undesirable prolonged sound (howling) is heard.	• "Howling" is created by the speakers and turntable. • Too much low frequency sound is present.	• Place the speakers further away from the turntable. • Place the turntable on a more solid surface. • Decrease the setting of the *BASS* control knob and/or turn off the *Phase Correct Loudness* switch . • Turn on the *Subsonic* filter.
Sound quality is poor.	• Input components have not been set up correctly. • Tone control is not proper.	• Check the antenna of the tuner, cartridge of the turntable, or head of the tape deck, etc. and make corrections as needed. • Adjust the *BASS* and/or *TREBLE* control knobs to obtain the desired tone.

SPECIFICATIONS

Continuous Average Power (FTC)	
20–20,000Hz, both channels driven	
8 Ohms	: 60 Watts @ 0.09% THD
4 Ohms	: 60 Watts @ 0.3% THD
HCC (High-instantaneous Current Capability)	: ±38 Amps
Power Bandwidth, at half rated output, 8 Ohms	: <10Hz to 100,000Hz
Frequency Response at 1 Watt output, +0, –3dB	: 0.5Hz to 150,000Hz
Damping Factor	: 65
Signal-to-Noise Ratio (ref. rated power output, A-wtd)	
Phono (MM)	: 80dB
Phono (MC)	: 76dB
Tuner/CD/Video	: 98dB
Input Sensitivity/Impedance	
Phono (MM)	: 2.2mV/47k Ohms, 125pF
Phono (MC)	: 120μV/56 Ohms
Tuner/CD/Video	: 135mV/22k Ohms
Phono Overload	
MM	: 135mV
MC	: 7mV
Tone Control Characteristics	
Bass Boost/Cut (at 50Hz)	: +10dB/–10dB
Treble Boost/Cut (at 10kHz)	: +10dB/–10dB
Subsonic Filter	: 15Hz, 6dB/Octave
Phase Correct Loudness	
Boost (at 50Hz)	: +6dB
Phase Shift (400–20,000Hz)	: <5°
Dimensions (W x H x D)	: 17-1/2" × 4" × 14-1/4" (443 × 103 × 361 mm)
Weight	: 17.6lbs (8kg)
Power Supply	: AC 120V, 60Hz
Power Consumption	: 150W

All specifications and features subject to change without notice.