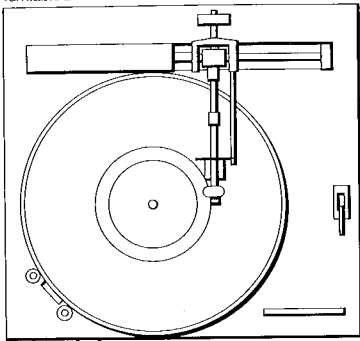


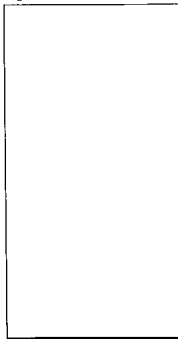
harman/kardon hk750  
owner's manual



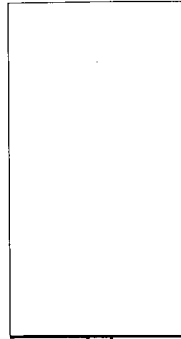
Turntable 2



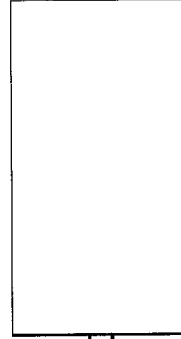
Speaker System 2 Right



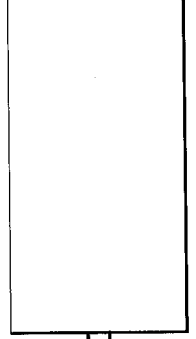
Speaker System 1 Right



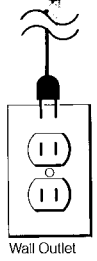
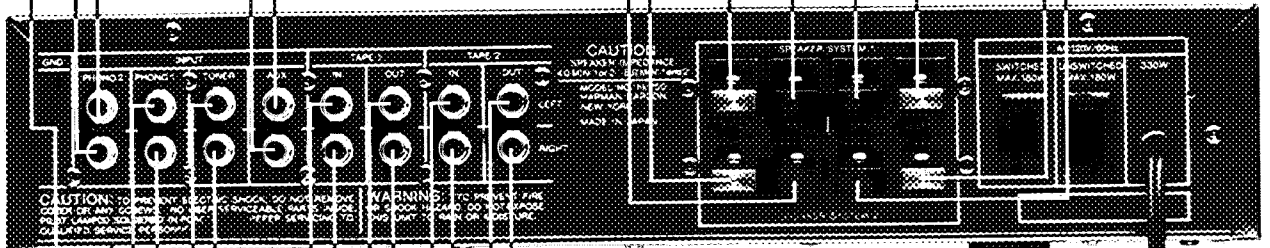
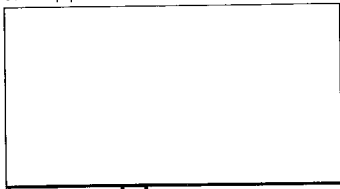
Speaker System 1 Left



Speaker System 2 Left



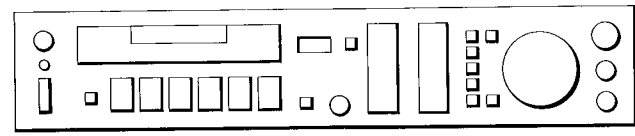
Other Equipment



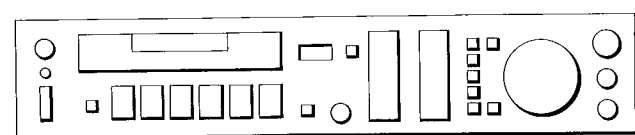
Wall Outlet



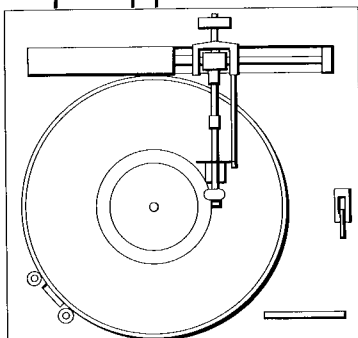
Tuner



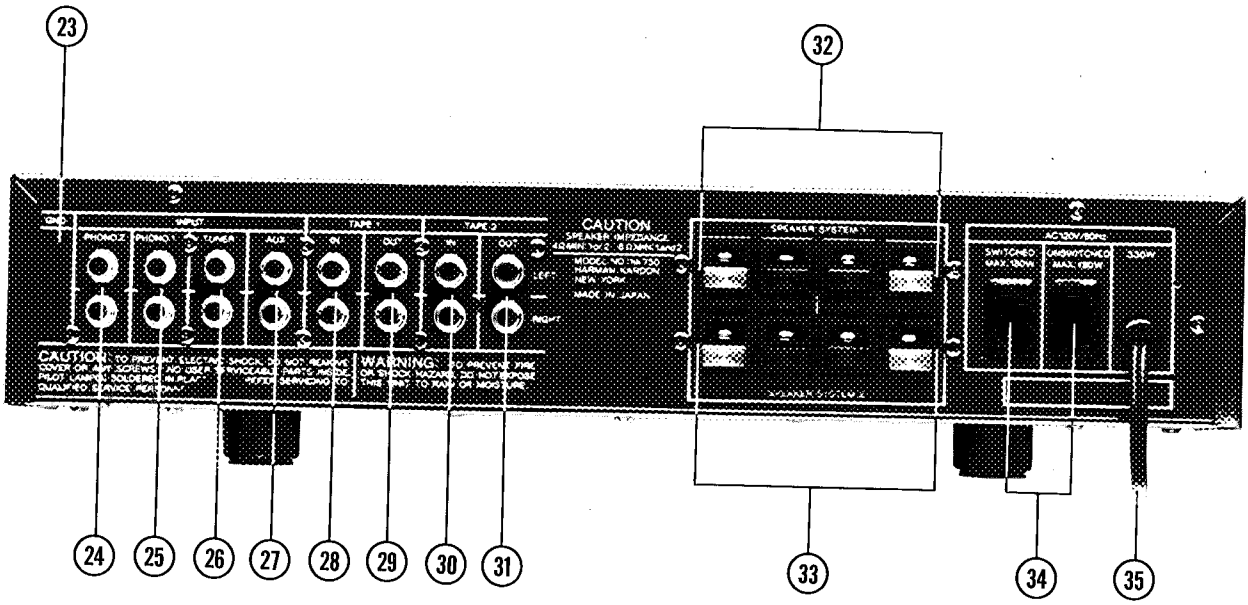
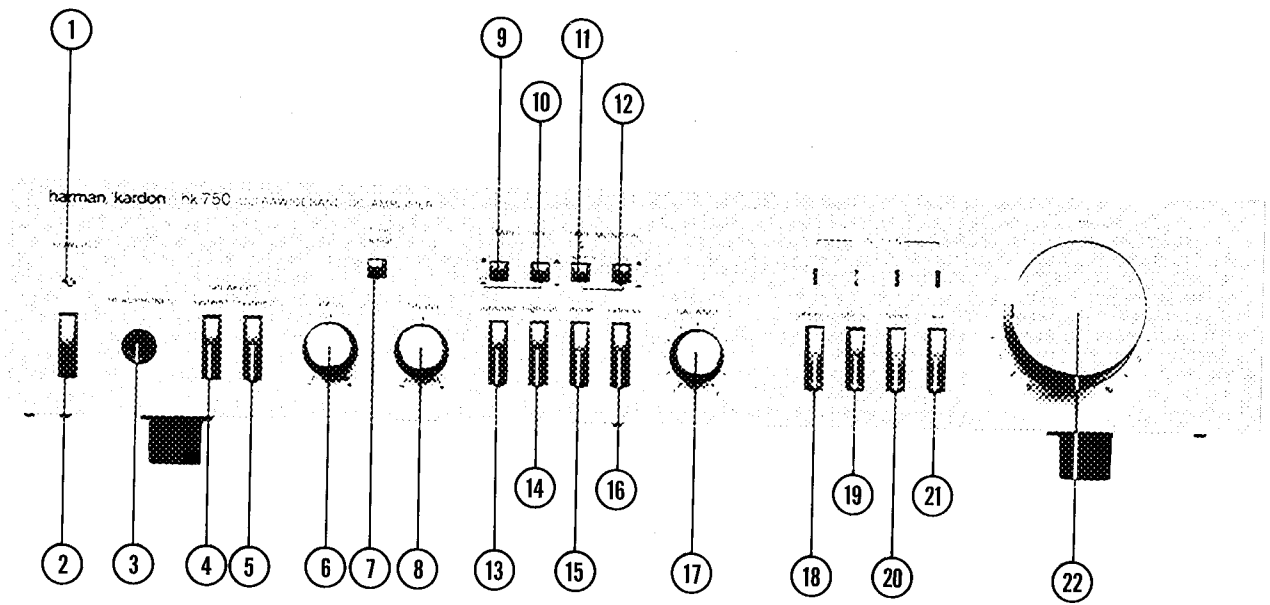
Tape Deck 1



Tape Deck 2



Turntable 1



## Owner's manual hk750

Your investment in a component high fidelity system indicates you have a more than average interest in music. The fact that your investment includes a Harman Kardon Ultrawideband Stereo Integrated Amplifier shows us your appreciation of uncompromised reproduction of the music you enjoy. Throughout the design and manufacture of this unit, we made every effort to assure it will meet all of your expectations.

To ensure continuing high performance, read this manual carefully before you connect and operate your hk750.

## Warning

To prevent fire or shock hazard, do not expose this appliance to rain or moisture.

## Connections

For the moment, leave the POWER LINE CORD (35) of the hk750 unconnected. Put the unit on the shelf or table where it will be installed. Leave enough working space so you can make all connections easily.

The hk750 requires adequate ventilation. It should not be installed on a cushion or rug, and a minimum of two inches (5cm) clearance should be provided above and behind. (However, hk700 series may be stacked.)

Like most stereo equipment, your hk750 is fitted with pin type RCA connectors to accept standard pin type RCA patch cords. If these are not compatible with your other equipment, consult your audio dealer for patch cords with proper adaptors.

## Connecting turntables to the hk750

Turntables are supplied with their own signal cables. Consult the owner's manual and determine which cable is for the left channel and which is for the right channel. Insert the left channel cable into the left PHONO 1 INPUT connector (24) on your hk750. Insert the right channel cable into the right PHONO 1 INPUT connector (24). Push the plugs in all the way so they are firmly seated, making good electrical contact.

If your turntable has a separate ground wire, connect it to the knurled thumbscrew on the integrated amplifier marked GND (23).

A second turntable may be connected similarly using the PHONO 2 input connectors (25).

### **Connecting your tuner to the hk750**

To connect a tuner, connect the left output connector of your tuner to the left TUNER INPUT (26) on your hk750. Similarly connect the right output connector of your tuner to the right TUNER INPUT on the hk750.

Push the plugs in all the way so they are firmly seated, making good electrical contact.

### **Connecting tape decks to the hk750**

To connect a tape deck, connect the left output connector of your tape deck to the left TAPE 1 INPUT connector (28) on your hk750. Now connect the right output connector of your deck to the right TAPE 1 INPUT connector (28) on your hk750.

Using a second pair of patch cords, connect the left input connector of your deck to the left TAPE 1 OUTPUT connector (29) on your hk750. Now connect the right input connector of your deck to the right TAPE 1 OUTPUT (29) on your hk750. Push the plugs in all the way so they are firmly seated, making good electrical contact.

A second tape deck may be connected similarly using the TAPE 2 INPUT and OUTPUT connectors (30) (31).

### **Connecting other equipment to the hk750**

A pair of AUXILIARY INPUTS (27) is available at the rear of the hk750 for the connection of any "high level" output equipment. A special tuner for long wave, marine, aircraft or citizen's bands, etc., may be connected. Or you may choose to connect the output of the audio section of a television receiver. Any number of choices are available. Consult your audio dealer for information as to what equipment is compatible with your hk750.

### **Connecting speakers**

Use two-conductor stranded wire to connect your speakers to the receiver. Eighteen gauge lamp cord (zip cord) is satisfactory, but a heavier gauge (16 or 14 gauge) is preferable, especially for distances over 25 feet.

Cut two segments of wire long enough to reach each speaker. Separate the conductors at each end of the wire segments for a length of two or three inches. Then carefully remove about one-quarter inch of insulation from each free end. Twist the strands of each conductor so they are smooth and tight with no loose strands.

Lamp cord usually provides a "code" that differentiates the two conductors. A conductor may be coded by a rib, sharp corner, or indentations molded along the length of the insulation. In some cases, a thin colored thread is molded along the length of the insulation. In others, one conductor is darker than the other, or the insulation of each conductor is of a different color.

Connect the bare ends of one segment of lamp cord to your right speaker as follows: Connect the coded conductor to the speaker's positive ("+") terminal, and the uncoded conductor to negative ("-"). (The "+" and "-" markings are in general use, although some speakers use other labeling systems, such as "1" and "2," "A" and "B" and so on.)

Find the appropriate row of speaker connectors on the receiver marked SYSTEM 1 (32). Push in on the red plastic head of the connector marked RIGHT to reveal an opening beneath. Insert the bare end of the coded conductor into the opening. Release the connector. The conductor should now be locked firmly into place. Insert the uncoded conductor into the adjacent black connector marked GND.

Repeat the procedure for the left speaker, taking care to observe the coding of the conductors as described for the right speaker. If the code is followed as described, your speakers will be connected "in phase," which is important for solid bass and precise lateral location of the sound source. To connect a second pair of speakers, repeat the procedure for the right and left speakers of the second pair, using the receiver terminals marked SYSTEM 2 (33).

### **AC convenience outlets\***

Two AC outlets (34) on the rear panel of the hk750, provide power connections for turntables, tape decks or other equipment. One is marked UNSWITCHED and provides power whether the preamplifier is turned on or not. The other, marked SWITCHED, provides power only when the preamplifier is turned on.

If you have completed the connections above, you are now ready to place the hk750 in its permanent position and plug the POWER LINE CORD (35) into an AC outlet. To turn the unit on and off, press the POWER switch (2). When power is on, the POWER indicator (1) will light.

### **To operate your hk750 integrated amplifier To play records**

Depress the appropriate PHONO pushbutton (18) (19), activate your turntable, and advance the VOLUME control (22) clockwise to a comfortable level.

If you hear a hum at average listening levels, turn the POWER switch (2) off and check to see that phono and ground connections are secure.

### **To listen to your tuner**

Depress the TUNER pushbutton (20) activate your tuner and advance the VOLUME control (22) clockwise to a comfortable level.

### **Auxiliary equipment**

If you have connected other equipment to the AUXILIARY INPUT connectors (27), you may listen to this program source by pressing the AUXILIARY pushbutton (21).

### **To play tapes**

The TAPE MONITOR pushbuttons (11) (12) admit programs from tape decks connected to the TAPE 1 INPUT connectors (28) and TAPE 2 INPUT connectors (30).

When you wish to play a tape or program source connected to the TAPE 1 INPUT (28), depress the TAPE MONITOR pushbutton (11) to its MONITOR position (in) and place the TAPE MONITOR 1/2 pushbutton (12) in its TAPE 1 position (out). To play a tape or program from TAPE 2 INPUT connectors (30), place the TAPE MONITOR pushbutton (11) in the MONITOR position (in) and depress the TAPE MONITOR 1/2 pushbutton (12) to its TAPE 2 position (in).

### **To record tapes**

The hk750 allows you to record program materials from any source selected by the function control pushbuttons (18) (19) (20) (21).

Place the TAPE COPY SOURCE/COPY pushbutton (9) in its SOURCE position (out). Activate the program source and place tape deck 1, tape deck 2 or both in record mode.

To listen to the original program, place the TAPE MONITOR pushbutton (11) in its SOURCE POSITION (out). To monitor the new recordings as they are being made press the TAPE MONITOR pushbutton (11) to its MONITOR position (in) and select the tape deck to be monitored with the TAPE MONITOR 1/2 pushbutton (1-out, 2-in) (12).

The VOLUME control (22), BALANCE control (17), and various tone controls do not affect the signal at the TAPE OUTPUT connectors (29) (31). Hence you may change the settings of these controls without altering a tape recording in progress.

### **To copy tapes**

When copying material from one tape deck to another, the TAPE COPY SOURCE/COPY pushbutton (9) should be pressed to the COPY position (in). To copy material from tape deck 1 on to tape deck 2, the TAPE COPY (1 to 2)/(2 to 1) pushbutton (10) should be left in the "1 to 2" position. Put tape deck 1 in the play mode and tape deck 2 in the record mode.

\*In some countries, owing to Safety Agency Electrical requirements, these AC receptacles are covered.

To copy material from tape deck 2 on to tape deck 1, press the TAPE COPY (1 to 2)/(2 to 1) pushbutton (10) to the "2 to 1" position. Put tape deck 2 in the play mode and tape deck 1 in the record mode.

While copying material from one tape deck to another, you may listen to the original tape, the new recording, or any other program source selected by the function control pushbuttons (18) (19) (20) (21). To listen to either tape deck, press the TAPE MONITOR pushbutton (11) to its MONITOR position (in) and select the tape deck you wish to hear with the TAPE MONITOR 1/2 pushbutton (12). To listen to other program sources, place the TAPE MONITOR pushbutton (11) in its SOURCE position (out) and select the program source using the function control pushbuttons (18) (19) (20) (21).

### **Volume/balance controls**

To increase the listening volume, turn the VOLUME control (22) clockwise, to decrease listening volume, turn it counterclockwise. By rotating the BALANCE control (17) clockwise, you can shift the sound toward the right speaker. By rotating it counterclockwise, you can shift the sound toward the left speaker.

### **Tone controls**

The bass and treble TONE CONTROL knobs (6) (8) affect the frequency balance of the program material. High frequencies may be increased by rotating the TREBLE knob (8) clockwise, or decreased by rotating it counterclockwise. Low frequencies may be controlled similarly with the BASS knob (6).

Note: When the TONE DEFEAT button (7) is depressed (in), tone cannot be adjusted even when the TREBLE and BASS knobs (8) (6) are rotated. The TONE DEFEAT button (7) must be in the "off" (out) position for the tone controls to operate.

### **Loudness control and filters**

To minimize unwanted "hiss" or other high frequency noises, depress the HIGH CUT pushbutton (in) (14).

To filter out turntable rumble or other extremely low frequencies, press the SUBSONIC filter pushbutton (13) to its "on" position (in).

When the LOUDNESS button (16) is in its "on" position (in), very high and very low frequencies are boosted at low settings of the VOLUME control (22). This compensates for the ear's relative insensitivity to extreme frequencies at low volume levels. The LOUDNESS button (16) has very little effect at volume settings beyond 12 o'clock.

To listen to program material in the stereo mode, leave the MODE button (15) in its stereo (out) position. To listen in the mono mode, press the MODE button (15) to its mono (in) position.

### **Speaker selection and headphones**

The SPEAKER 1 (4) and SPEAKER 2 (5) switches select the pair of speakers to be played. When either switch is depressed, the corresponding pair of speakers is activated.

The front panel HEADPHONES jack (3) accepts headphones for personal listening. Headphones may be used simultaneously with speakers if desired.

### **Maintaining appearance**

Clean the metal panel with mild, diluted detergent applied with a soft cloth or cotton swab. Never use a strong abrasive cleaner.

The hk750 is a high quality precision instrument. If the directions in this manual are followed, the integrated amplifier will provide many years of musical pleasure.