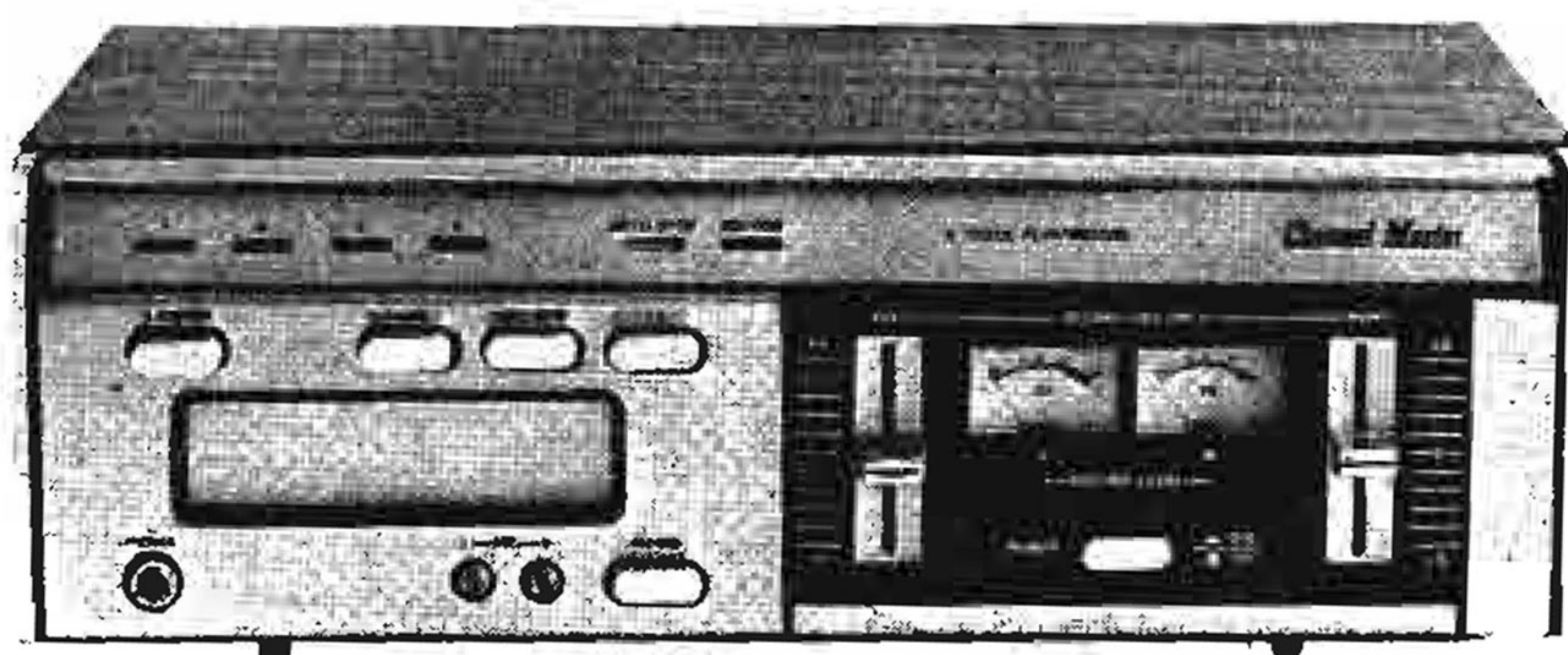


Channel Master

8-TRACK STEREO

CARTRIDGE PLAY/RECORD DECK



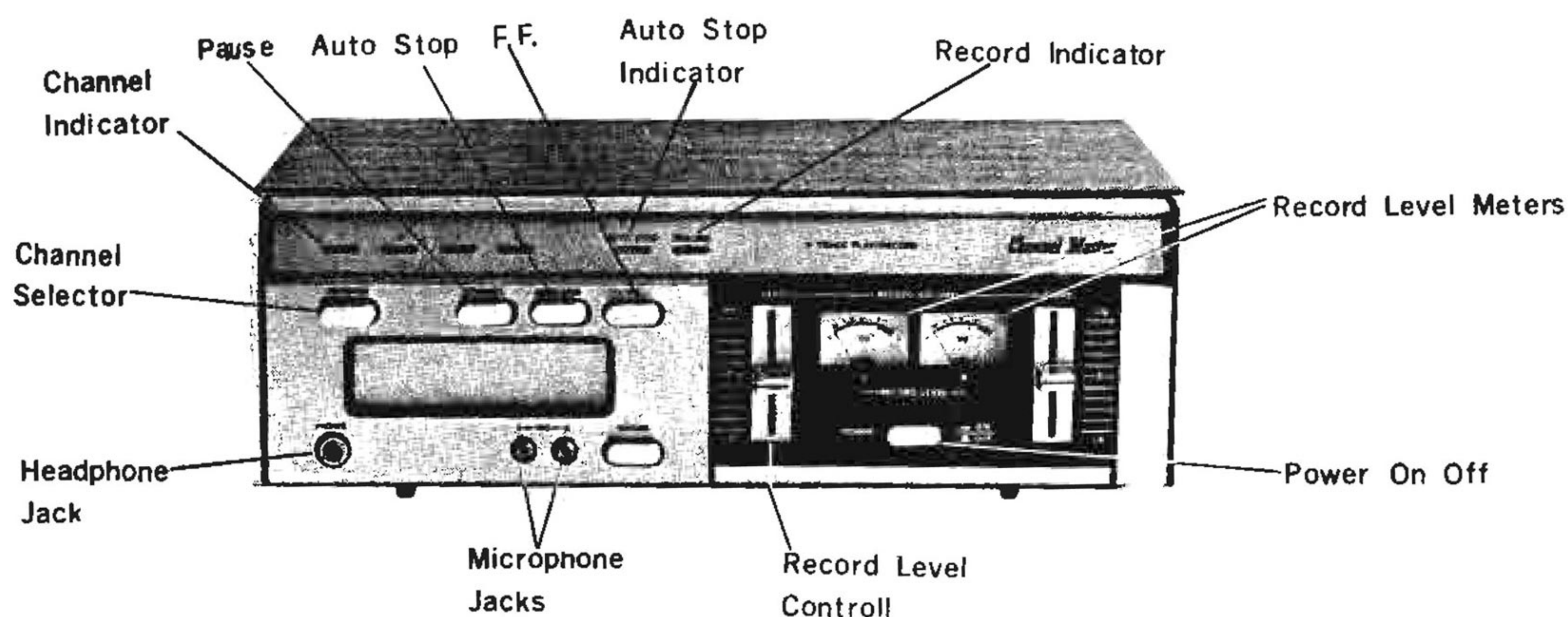
model HD6005

INSTRUCTION MANUAL

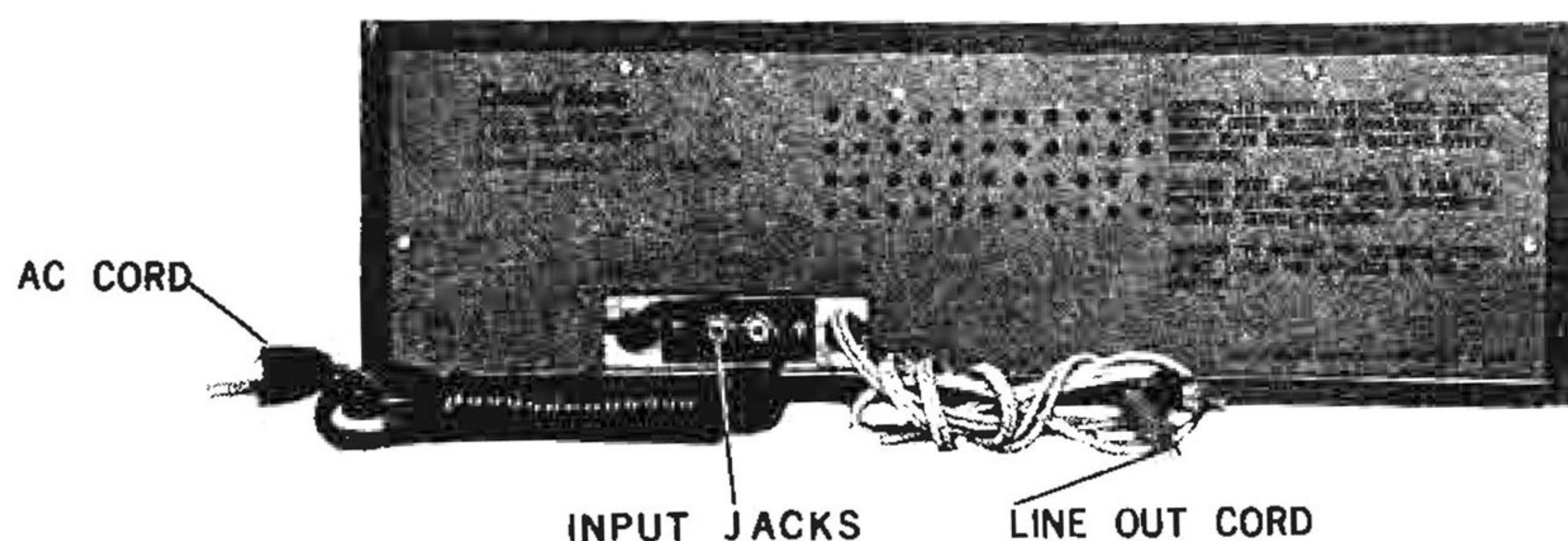
To obtain fullest enjoyment be sure to read this manual carefully before you start operating the unit.

CONTROLS AND CONNECTIONS

FRONT VIEW



REAR VIEW



FRONT PANEL CONTROLS

- Power on-off** : Pushing the switch will turn the unit on or off.
- Channel Selector** : To change the tape cartridge channel, push this button momentarily.
- Channel Indicator** : The cartridge channel that is playing will be shown by the number that lights.
- F. F. (Fast Forward)** : Press and lock this button to advance tape at 3 times normal speed, so that you may start at any point of any track.
- Pause** : Press and lock the Pause button to stop the tape movement instantly at any desired position during playback or recording. Press and release the PAUSE button to start the tape movement again.

Auto Stop : Auto Stop is operated as follows:

position	recording	playing
locked	end of channel 4	end of channel 4
release	continuous record	continuous play

Auto Stop Indicator : When auto stop stops the tape, you can easily notice it by lighting of this light

Record Button : When you want to record an 8 track tape cartridge, push and hold this button until you insert a blank 8 track tape cartridge into cartridge slot. After the tape cartridge has locked into place the record button will be locked and the unit will start to record

Record Indicator : The record indicator will be illuminated when the record button is pushed on.

Record Level Meters : The Record Level Meters will be illuminated when the power button is pushed on.

Record Level Controls : Two slide type level controls will adjust the recording volume on both left and right channels. proper recording level is maintained when the pointers just barely and occasionally reached the zero point.

Headphone Jack : This unit is equipped with a built-in headphone amplifier. You can plug in an 8 ohm stereo headphone to this jack to monitor the recording.

Microphone Jacks : For recording with microphones, connect two microphones to these jacks. The microphone on the right should be inserted into the jack marked "R" and the one on the left into the jack marked "L"

INSTALLATION

1. Place the unit in the general area in which it will be used.
2. Make sure the power switch is in the off position.
3. Plug the AC cord into any convenient 117 volt AC 60 Hz wall outlet.
4. For tape player plug the ends of the line out cord into the corresponding tape input jacks on the stereo receiver or amplifier.
5. For recording from radio, ceramic phono or any auxiliary source use patch cords to connect the input jacks to your desired source.

TAPE OPERATION

1. Push the power switch, one of the four lights on the deck will illuminate indicating which channel will be played.
2. Set the F.F., Auto stop and Pause buttons to their off (outermost) positions.
3. Insert a pre-recorded 8 track stereo tape cartridge (label side up) into the cartridge slot. When the cartridge is inserted firmly in place, the tape will start playing.
4. Adjust the Volume, Bass and Treble controls of the stereo receiver or amplifier for your desired condition.
5. When the channel playing is finished, the player will automatically switch to the next channel. If you only desire to listen to the tape through 1 cycle, push the Auto Stop button. The tape movement will automatically stop at the end of channel 4. Normal position (release) of the Auto Stop button is to play tape continuously without having automatic stop.
6. Channel may be changed manually by momentarily depressing the channel selector button. The channel indicator light will go on telling you which channel is playing.
7. To stop tape, pull cartridge out.

RECORD OPERATION

a. With microphones

1. Insert a blank 8 track cartridge into cartridge slot. Do not press the record button at this time.
2. Push the auto stop switch in and press the Channel button repeatedly until channel 4 is indicated.
3. Push and lock the F. F. (Fast forward) button and wait for cartridge stop to occur, with a 45 minutes cartridge, this should happen within approximately 3 minutes. This is done in order to locate the tape to beginning point of the 4 channels.
4. Push and release the F. F. button and pull out the cartridge.
5. If you want to record from 1 to 4 channel, push the Auto Stop button. Then tape movement will automatically stop after recording through channel 4 is completed. To record only specific channel, push channel button repeatedly until the channel you want to record is indicated.
6. Insert microphone plugs into MIC jacks on the front of unit.
7. Depress Record button until a blank 8 track cartridge has been inserted into cartridge slot.

8. Adjust Record volume controls (Left & Right) and observe record level meters. Proper recording level is Maintained when the pointers just barely and occasionally reached the zero point.
 9. Each microphone records independently of the other. They can be placed together or apart for stereo affect.
 10. It is recommended that the speakers not be used for listening at this time as a howling sound will be generated between the microphones and the speakers. The speakers may be turned off by plugging in a headphone to monitor the recording.
 11. The microphones will also record on radio and phono positions along with the recording material on those positions. As an example, you can sing along with a musical record or musical radio program.
- b. To record from Radio, Ceramic Phono or any auxiliary source.
1. Use patch cords connect the output signals from radio, ceramic phono or any auxiliary source to the auxiliary input jacks on the rear of unit.
 2. Proceed as "Record with Microphones" except item 6.

MAINTENANCE:

1. Tape Head Alignment:

This unit is so designed to allow you to adjust the playback head alignment if necessary. To adjust head alignment, remove the head alignment label located on the cabinet bottom and use a small screw driver to adjust the alignment. This can be done using a regular pre-recorded cartridge by simply adjusting the screw to give you the maximum volume and clear sound. For best results, we recommend the use of a pre-recorded test cartridge which is available from your dealer.

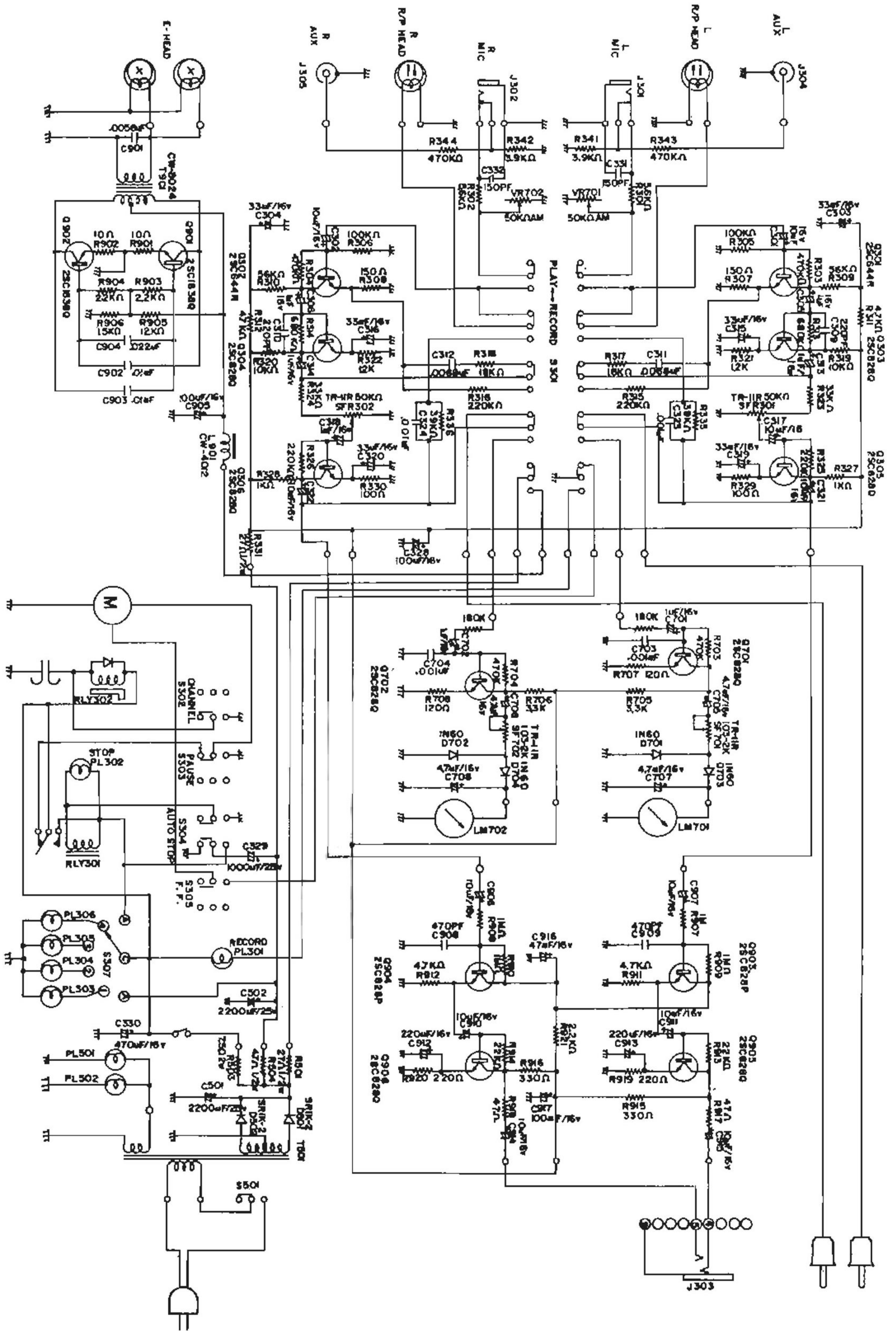
2. Tape Head Cleaning:

For continued top performance of your player, you should periodically clean the heads of oxide accumulation which is deposited by the tapes. Head cleaning cartridges are available from your dealer for this purpose.

FEATURES & SPECIFICATIONS

- 1. Power Supply AC 117V, 60Hz.**
- 2. 8 Track Cartridge Play/Record Deck.**
- 3. 2 Recording Microphones.**
- 4. Manual Track Selection.**
- 5. Automatic Track Changing.**
- 6. Fast Forward Feature Allows Rapid Program Advancement.**
- 7. Auto Stop Feature**
- 8. Pause Feature Allows to Stop the Tape Movement Instantly.**
- 9. Two Slide Type Recording Level Controls.**
- 10. Right and Left illuminated Recording Meters.**
- 11. Illuminated Channel Indicator Lights.**
- 12. Auto Stop Indicator Light.**
- 13. Record Indicator Light.**
- 14. Front Mounted Headphone and Microphone Jacks.**
- 15. Built-in Line Output.**
- 16. Input Jacks.**

MODEL HD6005 SCHEMATIC



Channel Master Limited 1 Year Warranty

Channel Master warrants this unit to be free from defects in material and workmanship. If it proves unsatisfactory upon initial inspection, your dealer will replace it with a new one free.

This warranty includes one year free parts and 6 months free labor. Should this equipment prove to be defective in normal use within the specified time from the original date of purchase, select one of the following methods to have your unit repaired.

A. First 6 months of Warranty

1. Take your unit to an Authorized Channel Master Warranty Station for no charge repair, parts and labor. Contact your selling dealer or Channel Master for your nearest warranty station or.
2. Send your unit prepaid to Service Department, Channel Master, Division of Avnet, INC. Ellenville, N. Y. 12428 with a check or money order in the amount of \$3.00 for handling and return postage.

B. Remaining Parts Warranty

1. The Authorized Channel Master Warranty Station will supply Free Parts. Labor payment for service is the owner's responsibility or.
2. Send unit prepaid to: Service Department, Channel Master, Division of Avnet, Inc., Ellenville, N. Y. 12428 with a check or money order in the amount of \$3.00 for handling and return postage. You will be sent an estimate of labor charges for approval before repairs are made.

Proof-of-purchase must accompany unit when repairs are requested to validate warranty.

This warranty does not cover customer maintenance items such as tape head cleaning, the cleaning of the capstan, or cleaning of tape sensor guide.

This warranty does not apply to cabinets, or to any unit which has been subjected to misuse, negligence or has been altered in any way. This warranty is in lieu of all other warranties, expressed or implied, and no representative or agency is authorized to assume for Channel Master any other liability in connection with this unit.

Out-of-Warranty

Out-of-warranty merchandise may be taken to an independent service agent for repair at his prevailing rates. Channel Master assumes no responsibility for charges -- parts and/or labor. Or if you desire, you can send out-of-warranty units to the Factory for service. Send the unit prepaid to: Channel Master, Attention Service Department, Ellenville, N. Y. 12423 along with a check or money order in the amount of \$3.00 to cover handling and return postage. You will be sent an estimate of repairs for your approval before repairs are made.

Channel Master

DIVISION OF AVNET, INC.
ELLENVILLE, NEW YORK. 12428