

DC STEREO INTEGRATED AMPLIFIER

KA-7100

INSTRUCTION MANUAL



the sound approach to quality
KENWOOD

INTRODUCTION

The purpose of this manual is to acquaint you with the operating features of your new amplifier. You will notice that in every detail of planning, engineering, styling, operating convenience, and adaptability, we have sought to anticipate your needs and desires.

We suggest that you read this manual carefully. Knowing how to set up your amplifier, to the best advantage will enhance your listening pleasure right from the start. You will also become aware of the ease with which you can adjust your amplifier to meet your special requirements.

PRECAUTIONS CONCERNING INSTALLATION

- (a) Avoid locations subject to direct sunlight.
- (b) Avoid high or low temperature extremes.
- (c) Keep the amplifier away from heat radiating source.

SERIAL NUMBER

Record your SERIAL NUMBER on the spaces designated on the warranty card. You will find the serial number on the back of the unit.

AFTER UNPACKING

After unpacking, we recommend you inspect and examine the unit for any possible shipping damage. If your unit is damaged or fails to operate, notify your dealer immediately. If your unit was shipped to you directly, notify the shipping company without delay. Only the consignee (the person or company receiving the unit) can file a claim against the carrier for shipping damage.

We recommend you retain the original carton and packing materials to prevent any damage should you transport or ship your unit in the future.

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

NOTES

1. Units shipped to the U.S.A. and CANADA are designed to be operated with 120 volts AC only. Units shipped to the Scandinavian countries are designed to be operated with 220 volts AC only. Therefore the above units are not equipped with an AC Voltage Selector Switch so all reference to such a switch throughout this manual should be disregarded.
2. Units shipped to all other countries are equipped with an AC Voltage Selector Switch on the rear panel that is preset at the factory to the voltage generally available in the destination area.

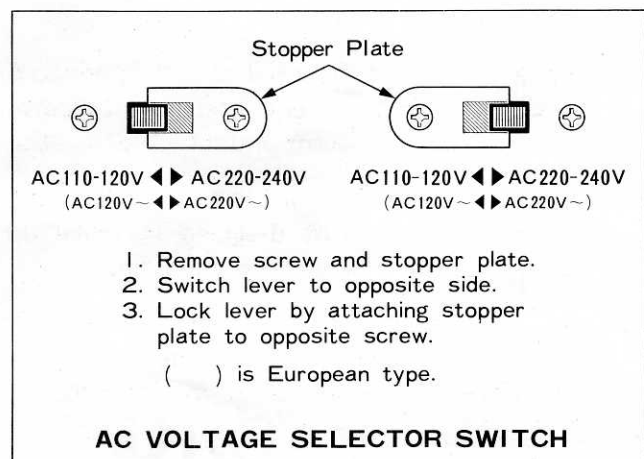
AC VOLTAGE SELECTION

The KA-7100 operates on 110 ~ 120 volt or 220 ~ 240 volt AC. The AC Voltage Selector Switch on the rear panel is set to the voltage that prevails in the area to which the amplifiers are shipped. Before operating this unit, make sure that the position of the AC Voltage Selector Switch matches your line voltage. If not, it must be changed to the proper setting.

To change, first disconnect the AC line cord. Then remove the stopper plate and slide the AC Voltage Selector Switch to the opposite side. Then reattach the stopper plate to the other side.

Note:

Our warranty does not cover damage caused by excessive line voltage due to improper setting of the AC Voltage Selector Switch.



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FEATURES

1. Newly incorporated DC power amplifier* designed by Kenwood offers extremely low distortion and phase characteristics particularly in the range of very low frequencies. Since a good transient response characteristic is assured, output wave forms can be taken out without impairing the original wave forms of input. The quality of reproduced sound is very high.
* Refer to page 12 regarding technical descriptions of the DC power amplifier.
2. Because of the adoption of right and left separate power supplies, each independent of the other, *dynamic crosstalk distortion* is eliminated and excellent reproduction is achieved with stable acoustic image.
3. Continuous power output is 60 watts per channel, minimum RMS, at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.02% total harmonic distortion.
4. Since an FET differential circuit is adopted in the first stage, the equalizer circuit assures a low distortion factor and a high S/N ratio.
5. A BAX type low-distortion tone control and a tone defeat switch designed to make up highly qualified sound are provided.
6. An ATT type master volume control (32 contacts) is provided. It is carefully designed to reduce interlock errors to a minimum.
7. Multi-Function Attenuator Switch
This lever instantly cuts the level by 20 dB.
8. For greater control with the large level control, simply activate this lever and you will find precise level adjustment easier and quicker. In addition, this switch is practical when answering the telephone or to placate an unappreciative guest.
8. A 2-stage loudness control is very convenient for low-frequency correction.
9. Convenient tape switch with through circuit for two tape decks.
10. Kenwood's excellence of design and superior craftsmanship is evident not only in the electronics of the KA-7100 but also in all the controls.

