

PRO-4AA

WARRANTY

Your Koss Stereophone is warranted for one full year against any defect in material or workmanship. The guarantee covers replacement of defective materials, labor and return postage from your nearest Authorized Koss Service Center.

This warranty excludes all others either expressed or implied.

There is no service charge for in-warranty service, provided that the warranty registration card has been filled out and returned within ten days of the date of purchase.

The responsibility of Koss to the user of the PRO-4AA has only just begun after one year, for the PRO-4AA has built into it many years of trouble-free service. While it is possible accidentally to damage the unit with excessive power, Koss recognizes that unfortunate circumstances can occur, and charges for element or electronic component replacement are nominal in the interest of continued user satisfaction.

What to do in case of problem during or after the warranty period

If you believe that your Stereophone is not functioning properly, please address a letter to:

Describe the difficulty which you are having as clearly as possible.

Don't forget to include the model number of your Stereophone. We will be able to verify the problem and advise you whether the Stereophone need be returned for servicing.

If your Stereophone needs expert repair, you will be sent a Return Authorization Label. When the work is completed, the Stereophone will be returned to you post paid.

CHANGE OF ADDRESS

Please address all future
correspondence to our new offices
at

114 ASHLEY RD., ST. ALBANS, HERTS. AL1 5JR
Tel. No: St. Albans 64337-9

Description:

The Koss model PRO-4AA is a Professional Dynamic Headphone.

It gives full-range, uncolored sound and a freedom from distortion never before possible with dynamic headphones. The new nearly indestructible element uses an efficient fully-enclosed magnet structure and a strong mylar diaphragm with a one-inch, self-supporting voice coil to minimize weight and to give a uniform extended high range.

An oversize diaphragm compliance ring allows wider excursion than ever before to deliver the deep, sonorous bass tones that can be reproduced at unusually high levels. The new headband cushion is human-engineered for maximum comfort. The patented, fluid-filled cushions conform to any head shape for an almost complete seal against outside noise.

Specifications:

Frequency Response

10-20,000 Hz typical.

Impedance

Designed to work from 4-16 ohm amplifier outputs.

Power Handling Capability

Maximum continuous program material should not exceed $2\frac{1}{2}$ volts as read by an ac VTVM (Ballantine meter 310B or equal) with average indicating circuitry and rms calibrated scale; provides for transient peaks 14 dB or 11 volts beyond the continuous level of $2\frac{1}{2}$ volts.

Total Harmonic Distortion

less than 1% at 100 dB SPL.

Element

1" voice coil and 2 mil mylar diaphragm with 4 square inches of radiating area. Virtually «blow-out proof» construction takes surges up to 20 times rated maximum power levels.

Cord

coiled, 10 feet extended, four conductor for isolation of channels if necessary. If your system will not accept a common ground, remove the three conductor plug and pair the leads as follows:

| | LEFT Channel | RIGHT Channel |
|---------|--------------|---------------|
| " Hot " | Green | White |
| Ground | Black | Red |

Instructions:

Caution - stereophones require common ground!

Some stereo amplifiers do not have a common grounded connection, especially those with a phase reversal switch, or provision for a center channel output. If your receiver or amplifier does not have a front panel phone jack, special care must be taken in connecting the phones to the speaker terminals. Before connecting to an amplifier with a phase reversal switch, be sure the speakers are in phase, with the switch in the normal position. This switch will not function properly with a common ground in the system, so it should never be moved from normal position. This will also avoid doing serious damage to the output stages of such equipment.

Ear Cushions

fluid filled vinyl for high ambient noise isolation averaging 40 dB through the audible range.

Headband

extendable, stainless steel with self-adjusting, pivoting yokes. Conforms to any head size.

Headband Cover

soft, molded PVC with 3/8" sponge rubber cushion on underside.

Boom Mount

knurled, anodized aluminum knob on left cup with threaded shaft and 2 compressible rubber washers; accepts all standard boom microphones.

Color

beige with black cushions and cord; brushed chrome trim.

Weight

19 ounces.

Shipping Weight

under 2 pounds.

The red and black wires from the stereophones are both common (ground) and are externally tied together with a tie-band for convenience in remembering that these two wires are internally connected together, too. The white wire is for the high (hot) side of the right channel output from the receiver or amplifier while the green wire is for the high (hot) side of the left channel output from the receiver or amplifier.

If you have any questions about the proper connection of the phones to your system, be sure to consult with your dealer, or write to us for further information.