

SANGEAN

EU-55 Full Size Stereo Headphones Owner's Manual

Introduction

Congratulations on your purchase of the Sangean EU-55 Full Size Stereo Headphones.

The EU-55's stereo headphones delivers great deep base, resonant lows, providing a premium listening experience. Adjustable headband lets you experience your music in complete comfort. Combined with high density memory foam ear cups allow for comfortable listening, long-term wear and superior passive-noise isolation to block background noise while delivering crisp sound. High-performance driver deliver deep bass sound, soft cushion and adjustable headband for maximum comfort, compact design for easy carrying and storage.

Important Safety Information

1. Read these instructions.
2. Follow all these instructions
3. If you hear ringing or experience pain or discomfort in your ears during or after using any headphone audio product, that is a sign you are listening too loud. When your ears are exposed to high volumes (in excess of 85dB) for over an hour, you may be permanently damaging your hearing.
4. Turn down your listening device's volume to zero before you insert the Sangean headphones and turn on the device.. Once you have the headphones in, gradually increase the volume to a comfortable, moderate volume.
5. Clean your headphones with antiseptic wipe. This improves the acoustic quality of your headphones.
6. NEVER operate a motor vehicle while listening to or wearing your headphones. Not only dangerous, it is illegal in many places.
7. NEVER operate heavy machinery while listening to or wearing your headphones.
8. We don't recommend you use the headphones while riding a bicycle, running, or walking in heavy traffic areas. If you do, listen at a lower volume so you can hear ambient noise.

The Occupational Safety Health Administration (OSHA) has issued headphone usage recommendations for maximum daily exposure and sound pressure levels (measured in decibels (dB)). A decibel is a unit of measure of sound, and decibels increase exponentially as sound gets louder. For example, conversational speech is typically around 60dB, and a rock concert in a stadium is often about 110dB.

OSHA Guidelines for Noise Exposure Limits

Sound Pressure Level	Recommended Maximum Exposure Per Day
90 dB	8 Hours
95 dB	4 Hours
100 dB	2 Hours
105 dB	1 Hour
110 dB	30 Minutes
115 dB	15 Minutes
120 dB	Avoid as damage may occur

SPECIFICATIONS

Style	On-ear
Driver Design	Dynamic voice coil
Driver Components	Mylar diaphragm, CCAW voice coil, NdFeB magnet
Driver Diameter	40mm (1.57inches)
Rated Power	30mW (0.98V)
Maximum Power	100mW (1.79V)
Frequency Response	20Hz– 20kHz
Sensitivity	113db +/- 3db
Impedance	32 ohms
Input plug	3.5mm (diameter)
Cord length	79 inches (EU-55) ; 66inches (EU-55CL)
Weight	123 gm (4.3 oz.)
Color	Black (EU-55) ; Clear (EU-55CL)
Dimension	192 (L) x 162 (W) x 68 (H)mm ; 7.56(L)x6.38(W)x2.68(H)inch

SANGEAN

STEREO HEADPHONES LIMITED WARRANTY (United States)

Sangean America, Inc., warrants to the original retail purchaser that this product is to be free from defective materials and workmanship for a period of one (1) year from the date of purchase, if it is properly used and maintained. If this product proves defective in either the material or workmanship, SAI, at its option, will (a) repair the product, or (b) replace the product, at no charge for parts or labor. If the product model is no longer available and cannot be repaired effectively or replaced with an identical model, SAI at its sole option may replace the unit with a current model of equal or greater value. To obtain a repair or replacement under the terms of this warranty, please return to SAI at the address listed below. You will be required to submit a copy of the original receipt and \$9.00 for the return shipping and handling (money order, cashier's check or personal check: payable to Sangean America, Inc), a cover letter describing the failure, as well as your contact information.

Sangean America, Inc.
9900 Jordan Circle
Santa Fe Springs, CA 90670
ATTN: Warranty Return
Tel: 562-941-9900
E-mail: service@sangean.com

Limitations:

- This limited warranty does not cover failure of the product resulting from improper installation, misuse, abuse, accident, neglect, mishandling, or wear from ordinary use or environmental deterioration.
- This limited warranty does not cover cosmetic damage, including paint damage, or consequential damage to other components or premises which may result for any reason from the failure of the product.
- This limited warranty is null and void for products not used in accordance with SAI's instructions.
- This limited warranty terminates if you sell or otherwise transfer this product to another party.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state, jurisdiction to jurisdiction or country to country. SAI's responsibility for malfunctions and defects in hardware is limited to replacement or repair as set forth in this warranty statement. All express and implied warranties for the product, including but not limited to any implied warranties of merchantability and fitness for a particular purpose, are limited in time to the term of this warranty.

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