

SANGEAN


EU-15CL Stereo Earphones Owner's Manual

Introduction

Congratulations on your purchase of the Sangean EU-15CL Stereo Earphones.

The Sangean EU-15CL is a high quality set of Stereo Earphones with powerful bass and excellent sound performance. These high quality earbuds are a great addition to any radio, Sangean or otherwise. Lightweight and ideal for MP3, Portables, Radio, CD, DVD, PC or Mobile Phones.

Important Safety Information

1. Please read these instructions.
2. Please follow all these instructions
3. If you hear ringing, experience pain or discomfort in your ears during or after using any earphone 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 earphones and turn on the device.. Once you have the earphones in, gradually increase the volume to a comfortable, moderate volume.
5. Clean your earphones with antiseptic wipe. This improves the acoustic quality of your earphones.
6. NEVER operate a motor vehicle while listening to or wearing your earphones. This is not only dangerous, it is illegal in many places.
7. NEVER operate heavy machinery while listening to or wearing your earphones.
8. We don't recommend you use the earphones while riding a bicycle, running, or walking in heavy traffic areas. If you do, listen at a lower volume so you can hear the ambient noise around you.
9. To prevent possible hearing damage, do not listen at high volume levels for long periods. 

The Occupational Safety Health Administration (OSHA) has issued earphone 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

Magnet:	Nd Fe B
Diaphragm:	MYLAR Φ 14.75 mm
Impedance:	18 Ω \pm 20 % at 1 kHz
Normal Power:	3 mW
Maximum Power:	10 mW
Sensitivity:	104 dB S.P.L. \pm 3 dB at 1kHz
Channel Balance:	\pm 3dB AT 1kHz
Frequency Response:	20 Hz ~ 20 kHz
Weight:	0.6 \pm 0.2 oz (With Cord Accessory)
Color:	Clear
Length of Cord with Plug:	47.24 \pm 1.18 inch
Input plug:	3.5mm (0.14 inch) diameter

SANGEAN

STEREO EARPHONES LIMITED WARRANTY (United States)

Sagean America, Inc., warrants to the original retail purchaser that this product is to be free from defective materials and workmanship for a period of 30 days 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 equivalent 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 \$5.00 for the return shipping and handling (money order, cashier's check or personal check: payable to Sagean America, Inc), a cover letter describing the failure, as well as your contact information.

Sagean America, Inc.
9900 Jordan Circle
Santa Fe Springs, CA 90670
ATTN: Warranty Return
Tel: 562-941-9900 or 888-726-4326
E-mail: service@sagean.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.