EarMen
Angel

Reference Portable Fully
Balanced Hi-Res
DAC/Head Amp
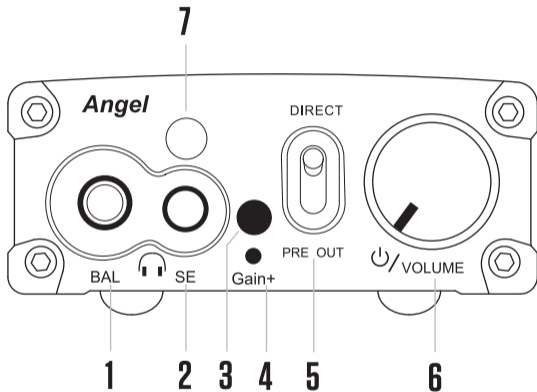
USER MANUAL

MUSIC WITHOUT LIMITS

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1.0 INTRODUCTION

Welcome to EarMen Family.
EarMen Angel is Portable Fully Balanced Hi-Res DAC/ Headphone Amplifier with the Pre Out option. It is very powerful audio device with which will allow you to listen your Hi-Res music on to go. You will be able to enjoy a plenty of power without worrying about consumption, since it is equipped with 2-cell battery. EarMen Angel will provide outstanding performance and we are sure you will enjoy it.
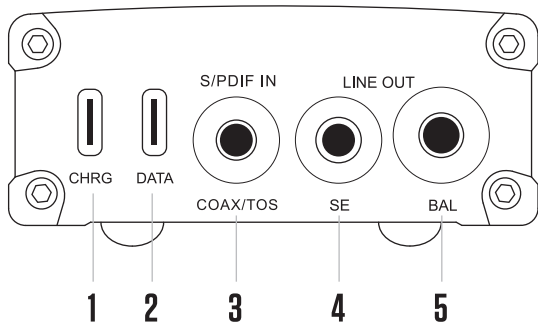
2.0 FRONT PANEL

1. Balanced 4.4mm output
2. SE 3.5mm output
3. Gain + button
4. Gain + Led Indicator
5. Line Out option
6. On/Off and Volume Control
7. Led Indicator

3.0 BACK PANEL

1. USB C Charging Port
2. USB C DATA Port
3. S/PDIF (COAX/TOS) Input
4. SE 3.5mm Line Output
5. Balanced 4.4mm Line Output

4.0 LED INDICATOR

Led color indicates audio format and sampling frequency:

White	Power ON
Orange	Connected / PCM
Purple	S/PDIF
Cyan	DSD
Magenta	MQA core/ MQB
Blue	MQA Studio
Green	MQA Auth

The LED color also indicates:

Flashing Red	Battery is <20%
Flashing Blue	The battery is charging
Flashing Green	Mute
Flashing Red 3 Times	Termal Protection – device will turn off

Volume changing Led Indicator:

Green	Volume is <25%
Yellow	Volume is 25 – 50%
Orange	Volume is 50 – 75%
Red	Volume is 75 – 100%

Gain Plus Led Indicator:

On	Red
Off	/

5.0 OPERATION

- **Turn On/OFF -** For Turn On or Off the device, please press the Volume button for 3 seconds.
- **Volume Control -** EarMen Angel uses a high-performance digital potentiometer / encoder tand by turning it you get the desired power.
- **Gain + mode -** This mode gives you a lot more power. When this mode is selected, the Gain + LED lights up red.
- **Mute option -** Mute is obtained by briefly pressing the Volume button, then there is no signal at the output, and then it flashes green. By the next short press on the Volume button, the signal gradually returns to the original volume level. If you remove the headphones while listening, the output will be automatically in Mute mode.
- **S/PDIF Input -** To use the S/PDIF input port, the device must first be disconnected from USB. The device automatically detects whether a TOS or COAX is in use.
- **Charging -** Use a 5V >= 2A adapter for charging. Charging time is about 3 hours.

6.0 SPECIFICATIONS

Turn On/Off	Hold On/Off button for 3 sec	

Inputs	USB C	DATA
	USB C	Charging
	S/PDIF	COAX/TOS

Outputs	3.5mm	SE
	4.4mm	Balanced

Line Outs	SE	3.5mm
	Balanced	4.4mm

Led indicator	White	Not Connected
	Orange	Connected / PCM
	Purple	S/PDIF
	Cyan	DSD
	Magenta	MQA core/ MQB
	Blue	MQA Studio
	Green	MQA Auth

DAC	ES9038Q2M

Audio formats	
DSD	DoP 256/128/64 Native DSD 512/256/128/64
DXD	768/705.6/384/352.8kHz,
PCM	768/705.6/384/352.8/192/176.4/96/88.2/48/44.1kHz
MQA Hardware Decoder	MQB/MQA Core, MQA, MQA Studio, MQA Auth

7.0 WARRANTY

Product you have purchased is designed to give you enjoyment in your favorite music. However it is possible that the failure occurs even at this precise-made, high quality equipment. In this case, please read the enclosed warranty carefully which contains rights, limitations, exclusions and obligation.
EarMen LLC warranty terms and condition

• Please register your product within 30 days of purchase, otherwise the warranty will not apply.
• EarMen products come with a two years limited warranty against defects in materials and workmanship.
• Guarantee service is available only in the region/country of original sale
• The guarantees start from the invoice-issue date
• Original invoice must be produced for the authentication prior to any warranty claim.
• Warranty is provided to the original owner only and is not transferable to any third party.
• The warranty does not cover:
(a) if the EarMen product is stored in a humid environment
(b) which has not been maintained in accordance with any operating or handling instructions provided by EarMen LLC
(c) which has been used other than in accordance with the product operating and handling instructions
(d) any service or modification performed by an unauthorized person or company

(e) any product not purchased from EarMen or an a EarMen Authorized Partner
(f) repair work performed by the end user or any non-authorized repair center.
(g) normal wear tear and cosmetic damage
(h) product sold "as is", "as seen"
(i) connected equipment
(j) personal injury

• The limited warranty applies to the battery and is valid for 6 months
• EarMen will during the warranty period repair the product to working order or if this is not possible, EarMen will be replaced the product with the same one or the similar available product.
• Any parts/device that are replaced will become the property of EarMen
• After the warranty period, all the repairs and shipping cost will be charged to the owner.
• Any repair or replacement under this warranty will not extend the prior of warranty
• We are not responsible for the possible damage of your other equipment used with EarMen Angel

8.0 NOTE

Please note that if you are using the USB input with MAC/Linux, you will not need a driver, but if you are using WIN, it will need a driver, which you can find at the:
https://earmen.com/index.php/products/earmen-angel
If you have any question regarding warranty condition in your area, contact us at: sales@earmen.com
For more visit earmen.com

This product should not be disposed with your household waste.
This product should be handed over to a designated collection point to be recycled.