

Product Specifications

KSE1500 Electrostatic Earphone System

Overview

The premium KSE1500 Electrostatic Earphone System is an electrostatic Sound Isolating™ earphone and amplifier system with digital-to-analog-conversion (DAC) for use in-line with portable media players. Featuring single-driver electrostatic earphones matched to a USB digital-to-analog-converter (DAC) and featuring up to 24 bit/ 96 kHz conversion rate, customizable 4-band parametric EQ with five standard and 4 user-defined settings, rechargeability and input level meters. Process digital audio directly via micro-USB, analog via a direct line in, or bypass entirely for a pure analog signal without conversion.

Features

- The first application of electrostatic technology for Sound Isolating Earphones (patent pending) featuring a single MicroDriver design
- Extremely high correlation to the source audio provides unmatched audio clarity and detail
- 4-band parametric EQ features five preset settings and four customizable settings to manage audio playback preferences
- Integrated USB-rechargeable battery can conveniently charge from provided wall charger or computer, even when streaming USB audio from computer
- Lightweight, ergonomic earphone shape minimizes ear fatigue while comfortable Sound Isolating sleeves block up to 37 dB of ambient noise.
- Custom-designed earphone cable specifically isolates each conductor
- Streamlined controls for quick and simple, user-friendly navigation throughout the KSE1500 settings
- Compatible with Mac, PC, iOS and Android devices via included accessory assortment, featuring Micro-B to Lightning™ and Micro-B OTG cables
- Premium Shure fit and finish and construction featuring an elegantly machined black aluminum housing, manufactured to exacting Shure quality standards



KSE1500 Electrostatic Earphone System

Available SKUs

| | |
|----------------|--|
| KSE1500 | KSE1500 Electrostatic Earphone System, USB wall charger, Micro-B-to-Lightning cable, Micro-B OTG Cable, (2) 1/8" (3.5mm) cables [6' (15.2 cm) and 36' (92 cm)], ¼" (6.3mm) adapter, leather carrying case, airline adapter, attenuator, cable clip, (2) security bands, microfiber cleaning cloth. |
|----------------|--|

Specifications

| | |
|-----------------------------|----------------------------|
| Bias Voltage | 200 V DC |
| Output Voltage | ±200 V, max. |
| Output Current | ≤1 mA |
| Noise Attenuation | ≤37 dB |
| Operating Temperature Range | -18 to 57 °C (0 to 135 °F) |

Earphone Specifications

| | |
|--------------------------------|-------------------|
| Transducer Type | Electrostatic |
| Connector Type | LEMO Connector |
| Frequency Response | 10 Hz to 50 kHz |
| Maximum SPL 1 kHz at 3% THD | 113 dB SPL |
| Net Weight | 44.0 g (1.55 oz.) |

Amplifier Specifications

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|-----------------------|-------------------------------|
| Bit Depth | 16-bit / 24-bit |
| Sampling Rate | 44.1 / 48 / 88.2 / 96 kHz |
| Signal-to-Noise Ratio | up to 107 dB A-weighted |
| Adjustable Gain Range | -40 dB to +60 dB |
| Limiter | Selectable Analog RMS Limiter |
| Equalizer | 4-band Parametric |
| USB Input | USB Micro-B Receptacle |
| Line-In Input | 3.5 mm (1/8") |
| Charging Requirements | USB-powered: 5 V/0.5 A to 1 A |
| Housing | Black Anodized Aluminum |
| Net Weight | 182.0 g (6.42oz.) |
| Dimensions | 111 × 59 × 21 mm H × W × D |

Battery Specifications

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|------------------------------------|--|
| Battery Type | Rechargeable Li-Ion |
| Nominal Voltage | 3.6 V DC |
| Battery Life | Analog in (BYPASS EQ mode) up to 10 hours USB Input Analog in (EQ mode) up to 7 hours |
| Battery Charging Temperature Range | 0 to 45 °C (32 to 113 °F) |



KSE1500 Electrostatic Earphone System connected to laptop

Compatibility Guidelines

Made for iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPad Air 2, iPad mini 3, iPad Air, iPad mini 2, iPad (4th generation), iPad mini, iPod touch (5th generation).

The Shure KSE1500 is compatible with Android devices that support USB Audio Class 2.0 and Micro-B OTG (On-The-Go) connectivity. Not all Android devices are compatible. Android is a trademark of Google Inc.

Accessories

| | | | | | |
|--------------------|--------------------------------|-----------------------|---------------------------------------|-----------------------|---|
| EA2AMPBANDS | (2) Rubber Security Bands | EACLTG-MICROB8 | Micro-B-to-Lightning Cable 8"/20.3 cm | EAC30P-MICROB8 | Micro-B –to-30 Pin Cable, 8"/20.3 cm (availability dependent on region) |
| EA3.5MM36 | 1/8" (3.5mm) Cable, 36"/92 cm | EACMICROBTG8 | Micro-B OTG Cable, 8"/20.3 cm | | |
| EA3.5MM6 | 1/8" (3.5mm) Cable, 6"/15.2 cm | EAAMPCASE | Leather Amplifier Case | | |



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"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

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