

# 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

<b>KSE1500</b>	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.
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### 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

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

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

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



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