# Specifications

## *Basic Parameters*

**Model**
Eversolo DAC-Z10

**Display**
8.8" IPS

**Chassis Material**
Aluminium alloy

**Main Processor**
DCP8568

**DAC**
Left Channel: AK4191+AK4499
Right Channel: AK4191+AK4499

**Audio Processor**
Multi-core USB audio processor

**OPA Chip**
OPA1612

**Power**
Triple ultra-low noise linear power supplies

## *Audio Inputs and Outputs*

**Bluetooth Audio Input**
Qualcomm QCC5125 Bluetooth module, Bluetooth version: BT5.0; supports SBC/AAC Bluetooth audio protocols

**USB-B Audio Input**
Compatible with Windows 10 and above, macOS, Android, and iOS; supports up to Stereo DSD512 / PCM 768kHz 32Bit

**IIS Input**
Supports 8 mode configurations, up to Stereo DSD512 / PCM 768kHz 32Bit

**AES/EBU Input**
Up to Stereo PCM 192KHz/24Bit / DSD64 DoP

**Optical Audio Inputs *2**
Up to Stereo PCM 192KHz/24Bit / DSD64 DoP

**Coaxial Audio Inputs *2**
Up to Stereo PCM 192KHz/24Bit / DSD64 DoP

**ARC Input**
Up to Stereo PCM 192KHz/24Bit

**Analog Audio Inputs**
XLR (Balanced), RCA

**Analog Audio Outputs**
Pre-out: XLR (Balanced), RCA; Headphone out: 6.35mm single-ended

**External Clock Input**
Supports 10M/25M clock inputs with 50Ω or 75Ω impedance

**Recommended Headphone Impedance**
16–300Ω (Low Gain: 16–32Ω / High Gain: 32–300Ω)

### *Audio Characteristics*

**XLR Output Audio Characteristics**
Output Level (Vrms): 5Vrms @ 0dBFS
THD+N @ No-wt: 0.00008% @ 1kHz (-122dB @ 1kHz)
Noise @ No-wt: <1.2uVrms
SNR @ A-wt: 130dB
Frequency Response: 20Hz–20kHz (±0.1dB)
Crosstalk: -130dB
DNR @ A-wt: 130dB

**RCA Output Audio Characteristics**
Output Level (Vrms): 2.5Vrms @ 0dBFS
THD+N @ No-wt: 0.000097% @ 1kHz (-120dB @ 1kHz)
Noise @ No-wt: <1.5uVrms
SNR @ A-wt: 128dB
Frequency Response: 20Hz–20kHz (±0.1dB)
Crosstalk: -123dB
DNR @ A-wt: 128dB

**Headphone Audio Characteristics (Low Gain Mode)**
Output Level (Vrms): 4Vrms @ 0dBFS
THD+N @ No-wt: 0.0003% @ 1kHz (-110dB @ 1kHz)
Noise @ No-wt: <2.5uVrms
SNR @ A-wt: 124dB
Frequency Response: 20Hz–20kHz (±0.1dB)
DNR @ A-wt: 124dB

**Headphone Audio Characteristics (Mid Gain Mode)**
Output Level (Vrms): 5.6Vrms @ 0dBFS
THD+N @ No-wt: 0.00018% @ 1kHz (-115dB @ 1kHz)
Noise @ No-wt: <2.5uVrms
SNR @ A-wt: 126dB
Frequency Response: 20Hz–20kHz (±0.1dB)
DNR @ A-wt: 126dB

**Headphone Audio Characteristics (High Gain Mode)**
Output Level (Vrms): 7Vrms @ 0dBFS
THD+N @ No-wt: 0.00013% @ 1kHz (-118dB @ 1kHz)
Noise @ No-wt: <2.5uVrms
SNR @ A-wt: 127dB
Frequency Response: 20Hz–20kHz (±0.1dB)
DNR @ A-wt: 127dB

## *Other Information*

**Power Supply**
AC 110~240V 50/60Hz

**USB Port**
USB2.0*1 （only for firmware upgrade）

**Control Methods**
Touchscreen control, remote control, mobile App control

**Rated Power Consumption**
32W

**Dimensions**
365mm (L) × 310mm (W) × 78mm (H) (excluding the foot pads)

**Packing List**
Remote control ×1, power cable ×1, USB data cable ×1, USB drive (for FW upgrade) ×1, TRIGGER cable ×1, polishing cloth ×1, user manual ×1