

**Product No. AUQSK8**



**QSC K8 8" 2-Way 1000 Watt  
Powered Speaker**

**Product Descriptions**

The QSC K8 8" powered loudspeaker features a 1000-watt Class-D power module, and its extremely compact size won't intrude on audience sightlines. Its 105 wide dispersion is a major advantage when the audience is up close to the loudspeaker. Low frequencies extend to 61Hz (-10dB) and the unit outputs an amazing 127dB.

QSC's K8 speaker features a 1-3/4" HF device in its 2-way enclosure. The primary differentiator is the resulting output dispersion-the K8 being the widest at 105 and the K12 the narrowest at 75.

This radical approach is achievable due to a process called Directivity Matched Transition (DMT). DMT allows QSC to take advantage of a fundamental law of acoustics: smaller diameter woofers have wider coverage patterns than larger ones.

**Product Details**

*Although care has been taken to ensure the accuracy of the information provided in this Product Specification, CTR is in no way liable for any errors, omissions or changes in specifications.*

**Features**

- ❖ Integrated DSP technology dramatically improves overall sound quality and total output
- ❖ Robust ABS enclosure adds an external toughness, creates a clean and professional appearance, and gives the K8 an internal rigidity that adds to its sonic clarity
- ❖ 18 gauge steel grille will protect the speakers for years to come against the rigors of touring and live use
- ❖ Inputs include a combo XLR and 1/4" TRS jack for mic or line level signals, and a stereo RCA jack for connecting MP3 players and other devices
- ❖ The LED light on the front panel illuminates when powered on, you can disengage the light completely, and it can be put into LIMIT mode where it will only illuminate when the clip limiter circuit activates
- ❖ The cast aluminum handles have been designed to make transporting the K8 as comfortable as possible
- ❖ 35mm pole sockets are built-in and feature a Tilt-Direct functionality that allows you to aim the acoustic energy of the drivers downward at a 7.5 degree angle to better reach your audience
- ❖ M10 rigging points and M5 yoke attachment points are integrated into the design

**Processing, Connectivity & Monitoring**

The brain of the system is its expansive digital signal processing. While the DSP functions are optimized using Intrinsic Correction, DEEP, DMT and GuardRail technologies (with the high-pass filter included for use with subwoofer systems), two XLR- combi inputs, each with its own Level control, are provided.

**Waveguide**

Each QSC K8 model incorporates a conical waveguide that maintains pattern control all the way down to the crossover frequency. The coverage angles of the waveguides are tailored for a smooth transition from woofer to compression driver with far less "waist banding" or other directivity related anomalies than other products in this class.

**Suspension and Mounting**

The K-Series 2-way PA speaker may be pole-mounted, suspended, or yoke-mounted. The K8 yoke accessory kit (not included) allows for either horizontal or vertical yoke mounting, providing a flexible means of attaching The K-Series loudspeakers to a building structure or truss.

**Specifications**

<b>Active or Passive</b>	Active
<b>Frequency Response</b>	66 Hz - 18 kHz (-6 dB)
<b>Power Capacity</b>	1000W Class D (500W LF, 500W HF)
<b>Maximum Sound Pressure Level (SPL)</b>	127 dB peak (1 meter)
<b>Nominal Sensitivity</b>	105° Conical (-6 dB)
<b>Impedance</b>	XLR & 1/4" : 40k Balanced / 20k Unbalanced XLR & 1/4" : Mic Mode: 2260 Balanced RCA : 10k
<b>Low Frequency Driver</b>	8" Cone Transducer
<b>High Frequency Driver</b>	1.75" Diaphragm Compression Driver
<b>Dimensions</b>	17.7 x 11 x 10.6" (450 x 280 x 269 mm)
<b>Weight</b>	27 lbs (12.2 kg)

**Head Office Location**

