

Owl-KW8

8" Coaxial audio moving-head
with monitoring camera on-board



DESCRIPTION

The Owl-KW8 is one of the first self powered audio moving heads including a coaxial 8" transducer and a built in camera to allow users to accurately focus their directivity of sound.

This feature bridges the gap between AV in a revolutionary concept. The Owl provides up to 500W of power, 120dB of SPL (continuous) and a frequency range from 60Hz to 19kHz.

It is a perfect solution for a range of applications including live 'on stage' monitoring, theme park installations, airports, train stations DJ effects and theatre installations however, the flexibility of the Owl will offer an almost limitless number of solutions and in some cases reduce the amount of speakers required for one installation.

The Owl is part of the K-array concert series but it was designed to be a completely different solution for the most ambitious projects.

The dedicated software gives you the ability to control the settings, movement, sound and video together allowing you to create scenes and setups via DMX.

COLORS & PREMIUM FINISHES AVAILABLE



Black

SUGGESTED ACCESSORIES

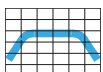
K-USB

K-USB/SDI

FEATURES



Selectable Coverage



Full Range

DMX

DMX Controllable

FREQUENT APPLICATIONS

THEATERS & CONCERT HALLS

NIGHTCLUBS

BROADCAST & STUDIOS

THEME PARKS

TRANSPORTATION FACILITIES

TECHNICAL SPECIFICATIONS

ACOUSTICS		Connector	1 male + 1 female 3-pin balanced XLRJack serial converter
Power handling	300 + 50 W	Channels	11
Max Power	500 W ⁽¹⁾	AMPLIFIER	
Frequency range (-10 dB)	60 Hz – 19 kHz ⁽²⁾	Type	1 module class D - DSP controlled
SPL 1W/1mt	96 dB ⁽³⁾	Nominal Power Output	1 X 450 W @ 4 Ω 1% THD + NOISE ⁽⁵⁾
Maximum SPL	120 dB (cont.) – 126 dB (peak) ⁽⁴⁾	Protections	Dynamic Limiter , Over Current , Over Temp. Short Circuit
COVERAGE		Frequency response	10 Hz – 25 kHz (+/- 3 dB) for 1W @ 8 Ω
Horizontal	70°	Damping factor @ 100 Hz	>500
Vertical	70°	THD+N 1kHz,1 W	0.010%
CROSSOVER		AC POWER	
Type	DSP Controlled	Connector	1 x PowerCon
Frequency	1200 Hz	Nominal voltage	115 / 230 Vac
TRANSDUCERS		Operating Range	85 - 130 Vac / 190 - 240 Vac at 50-60 Hz
Type	8" Neodymium magnet Woofer with 2.5" voice coil Neodymium magnet Compression Driver with 1" Voice Coil	I. Nom	2 A at 115 Vac / 1 A at 230 Vac
AUDIO IN/OUT		CONSUMPTION	
Analog connectors	1 male + 1 female 3-pin balanced XLR	Efficiency	>80% (typical)
SERVICE INPUT		1/8 rated power (pink noise)@ 4Ω	110 W
Connectors	1 USB	CERTIFICATION	
VIDEO		IP	104.4 kg (230.16 lbs)
Connectors	1 x BNC output	PHYSICAL OVERVIEW	
Camera	HD-SDI Mini Camera Wide angle lens Res. Output: Full HD Sensor: Sony Exmor CMOS 2.1 Megapixel USB B	Dimensions	45.0 cm x 40.9 cm x 21.8 cm (17.71" x 16.10" x 8.58") ⁽⁶⁾
VIDEO		Weight	10.0 kg (22.04 lbs)

Notes for data

1. Maximum RMS applicable power for a musical signal. The reference signal is the one proposed by EIAJ standard
2. With dedicated preset;
3. Measured @4 mt then scaled @1 mt;
4. Measured with musical signal
5. EIAJ Test Standard, 1KHz, 1%THD
6. (W x H x D)

New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.

