

# EK800V2

The EK Series is the result of an in depth study, in order to reach the best compromise between economy and performance, taking advantage of the latest improvements in automated mixed surface mount and through whole electronic assembly.

The EK Series is a project based on an upside down mono-block approach offering an all-in-one power module that contains the entire amplifier assembly.

Simplicity and effectiveness run hand by hand through the entire design to obtain an effectively skilled and workable product.

The last generation Quanta-Pulse switching power supply reaches a new level of refined sensing and control of the power flow.

The cost-effective EK Series amplifiers are packed with solid and convincing arguments for the professionals searching for quality, reliability and value.



## OUTPUT POWER

20Hz-20kHz, 0.1% THD

@2 ohm	@4 ohm	@8 ohm	Bridge @4 ohm	Bridge @8 ohm
2 x 420 W	2 x 330 W	2 x 210 W	840 W	660 W

## Output Power

Continuous Average Power

RMS, 1kHz, 1.0% THD+N

@2 ohm	2 x 500 W
@4 ohm	2 x 400 W
@8 ohm	2 x 200 W
Bridge @4 ohm	1000 W
Bridge @8 ohm	800 W

Pink Noise 12dB Crest Factor

@2 ohm
@4 ohm
@8 ohm

## Frequency Response

230 V - 50 Hz (idle)

Power Bandwidth +/-0.25dB 20Hz-20Khz.

## Phase Response

@ 1 watt 20Hz-20kHz

## Total Harmonic Distortion

20Hz-20kHz W x H x D (inches)

## Damping Factor

20Hz-500Hz @8 ohm >400

## Intermodulation Distortion

SMPTE

## Crosstalk

20Hz-20kHz > 75dB

## Voltage Gain

32 dB

## Sensitivity

Rated Power @8 ohm

## Signal-to-Noise-Ratio

Unweighted

A weighted

## Required AC Mains

@4 ohm (1/8 rated power)

@8 ohm (1/8 rated power)

## Dimensions

W x H x D (mm) 483 x 89 x 250

19 x 3.5 x 9.84

## Weight

Net 5kg