

V800

Two-Channel – Super Power Amplifier

with every amplifier provides system data for loudspeaker hook-up. The V800 may be converted to a monaural amplifier with an internal STEREO/BRIDGED switch. (See your qualified H/H dealer). In this mode, the output is 'bridged' across the 'hot' terminals of both channels creating a balanced transformerless output of 800 Watts into an 8 ohm load. An LED on the front panel illuminates when the amplifier is switched to BRIDGED operation.

The input connectors are designed for maximum versatility – one 'male' and one 'female' XLR connector (normally unbalanced) plus two parallel $\frac{1}{4}$ " jacks provide for convenient interlinking to another amplifier as well as connection from almost any mixer. Pre-wired sockets and a retaining clamp for input transformers are located inside the amplifier. Input matching transformers (optional) are available for balanced matching and bridging applications.

Surge-free Turn On, Secure Load Protection

Elegant circuit design incorporating +

and – balanced devices throughout gives a superior symmetry to all the H/H MOS-FET amplifiers. This results in well controlled d.c. and a.c. balance from the first instance of turn-on. Indeed the circuit is so well balanced that in the unlikely event of a +Ve or – Ve supply rail going down, no more than a few harmless millivolts will appear at the output. As an extra safety measure on the V800 and V500 models, a d.c. energised relay disconnects the load in the unlikely event of component failure, affording complete speaker protection.

Applications

This superlative amplifier renders obsolete conventional transistor high power amplifiers in every important respect – performance, facilities, and dependability the V800 excels. High power, stereo studio monitor amplifier.

Esoteric hi-fi, stereo amplifier.

Driver amplifier for professional PA systems.

Industrial power amplifier.

Environmental testing power source.

Size: 19" x 7" x 15 $\frac{1}{8}$ " (483 x 178 x 384mm)
Weight: 21.5kg

Features

- Two channel high power performance at 400 Watts per channel.
- MOS FET output devices with automatic thermal control.
- Silent running forced-air cooling for dependable heavy duty operation in rack systems.
- Superb audio performance, wide bandwidth, ultra low transient intermodulation distortion.
- Switchable to bridged mono output.
- Stepped calibrated input attenuators.
- Optional plug-in balanced input provision.
- Dual professional input connectors (both XLR and $\frac{1}{4}$ " jacks) with linking provision.
- XLR and binding post output connectors.
- Load sensing output level dB meters.
- Separate circuit and chassis grounding on rear panel barrier strip.
- Designed to international safety standards.
- 19" x 7" rack mount panel size.

