

## ±3kV, 3W, 4 CHANNEL HIGH SPEED, HIGH VOLTAGE AMPLIFIER

### FEATURES

- 4 Channels
- Output ±3kV
- DC bias function
- Differential Output Mode
- Monitor Outputs
- Remote On / Off
- High speed response 12V/μs
- DC output voltage monitor (4½ digit DVM)
- Limit Displays
- CE compliant



HVA-3B4 is rack-mountable type, fast response high voltage amplifier. It provides high voltage outputs in reference to its input wave forms such as Sine, Triangle, Saw Tooth and Square Wave Forms.

### SPECIFICATIONS

Supply Voltage:	95 - 265 V <sub>AC</sub> , 50/60Hz, 1Ø
Output Voltage Range:	-3 kV - +3 kV
Output Current Range:	-1 mA - +1 mA
Output Control:	External voltage control -10 - +10V (input impedance: 10kΩ), BNC plug
Gain:	300
Slew-Rate:	≥ 12 V/μs
DC bias:	10 turn potentiometer -3kV - +3kV
Regulation:	Line ±0.05% (±10% line change) Load 0.05% (10 - 100% load change)
Ripple:	≤ 1 V <sub>RMS</sub>
Digital Panel Meter:	4½ digit display (DC Output Voltage Monitor)
Voltage Monitor:	-10 - +10V / -3 kV - +3 kV ±0.1% BNC plug
Protection:	Protection against momentary Short Circuit, Arc discharge
Operating Temp.:	0°C - +40°C
Storage Temp.:	-20°C - +60°C
Weight:	18 kg

### BLOCK DIAGRAM (2 CHANNELS SHOWN)

