

±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 _{AC} , 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 _{RMS}
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)

