

PINTEK

High Voltage Amplifier



HA-400

- 400Vp-p(±200V DC)
- 160mA_{p-p}(±80mA DC)
- Bandwidth: ≤600KHz(200Vp-p)
- Slew Rate: 300V/us
- Gain(AMPL):0~90(10 Turn VR)
- DC Offset: ≤0~±200V(10 Turn VR+SW)
- Output Resistor: 50Ω

HA-800

- 800Vp-p(±400V DC)
- 70mA_{p-p}(±35mA DC)
- Bandwidth: ≤200KHz(400Vp-p)
- Slew Rate: 200V/us
- Gain(AMPL):0~180(10 Turn VR)
- DC Offset: ≤0~±400V(10 Turn VR+SW)
- Output Resistor: 100Ω



BP-253N



BP-250

CE

Pintek Electronics Co., Ltd
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HA-400/HA-800 High Voltage Amplifier

(Low Power Model $\geq 28VA$)

● SPECIFICATIONS:

FUNCTION / MODEL	HA-400	HA-800
Output Voltage(DC/AC)	$\pm 200V(400Vp-p)$	$\pm 400V(800Vp-p)$
Output Current(DC/AC)	$\pm 80mA/160mA_{p-p}$	$\pm 35mA/70mA_{p-p}$
Output Power(AC Peak)	32 VA	28 VA
Bandwidth(-3dB)	600KHz(200Vp-p)	200KHz(400Vp-p)
Slew Rate	300V/us	200V/us
DC Offset Range	0 ~ $\pm 200V$	0 ~ $\pm 400V$
Gain(Voltage)	0 ~ 90	0 ~ 180
Output Resistor	50 Ω	100 Ω
Protec Resistor	4K Ω /40Watt	15K Ω /40Watt
Safe Loading	$\geq 2.5K\Omega$ at 400Vp-p	$\geq 11K\Omega$ at 800Vp-p
AMPL. Control	10 Turn VR	
Offset Control	Switch + 10 Turn VR	
Monitor Output	Fix 100:1(-40dB) for Oscilloscope 1M Ω Impedance	
Input Range	0~ $\pm 10V$ or 20Vp-p, 10K Ω Impedance.	
Dimensions/Weight	230(W)x170(H)x310(D)mm/ 5.0Kgs.	
Power Source/Fuse	90~240V AC, 50/60 Hz/ 1.5A	
Output Protection	1. Fuse 2. Protection Resistor 3. Option(Microprocess Control)	

● ACCESSORIES:



● APPLICATION(應用說明):

- Function Generator Amplifier
函數波形產生器波幅放大
- Programmable Power Supply up to $\pm 200V$
可程式電源供應器輸出至 $\pm 200V$
- Semiconductor High Voltage Driver
半導體高壓驅動
- TFT Field High Voltage Driver
TFT產業高壓驅動
- High Voltage Engineering / 各種高壓工程
- ATE Application / ATE 應用
- Line Driver / 線性驅動器
- Piezo Driver / 壓電驅動器
- Static Charge Engineering / 靜電科技工程
- CRT Beam Intensity Control / CRT束線密度控制

PINTEK

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