

# 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 $\Omega$	100 $\Omega$
Protec Resistor	4K $\Omega$ /40Watt	15K $\Omega$ /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 $\Omega$ Impedance	
Input Range	0~ $\pm 10V$ or 20Vp-p, 10K $\Omega$ 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

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