



QUICK GUIDE
快速指南

DP4000 / 1600

Professional DSP power amplifier



面板功能说明



- 1.电源指示灯
- 2.通道1信号灯
- 3.通道2信号灯
- 4.通道3信号灯
- 5.通道4信号灯

信号电平表

颜色	常亮	标志
 绿色	输入信号存在	SIGNAL (信号)

后板功能说明



- 1.本机采用开关式电源供给,容许外部交流电压输入范围为:90V至265V,频率50Hz/60Hz.
- 2.FANVENT 散热风扇通风口,本机散热风扇通风口,气流从面板进气,由后方出气.
- 3.外部电源输入:DC5V-12V.
- 4.OUT4声道4,放大器输出连接右声道音箱端子座.
- 5.OUT3声道3,放大器输出连接中置声道音箱端子座.
- 6.OUT2声道2,放大器输出连接左声道音箱端子座.
- 7.OUT1声道1,放大器输出连接低频音箱端子座.
- 8.INPUT CH4 声道,右声道信号输入,XLR平衡式端子插座.
- 9.INPUT CH3声道,中置声道信号输入,XLR平衡式端子插座.
- 10.网络接口,传输Dante和DSP控制信号. (*DP1600无此接口)
- 11.INPUT CH2声道,左声道信号输入,XLR平衡式端子插座.
- 12.INPUT CH1声道,低频信号输入,XLR平衡式端子插座.

技术规格说明

型号	DP1600	DP4000
输入阻抗/XLR	10K/Balanced	
A/D@D/A模拟/数位转换	24Bit/96KHz	
输入电压/满功率输出	1V(38dB)	
工作频率响应	20Hz-20KHz±1dB	
总谐波失真total harmonic distortion	0.01%(1W)	
PEAK R.M.S/最大值输出功率	4*400W/8Ω 4*800W/4Ω	3*800W/8Ω 1*1600W/4Ω
散热	变速风扇 (气流前进后出)	
放大器工作温度范围/摄氏度	-25°C@+45°C	
主电源交流输入电压	90V-265V±10% @50/60Hz	
串音分离	85dB@1KHz	
转换速率	50V/ns	
阻尼系数	10000@100Hz	
外观尺寸(宽*高*深)	482*44.2*284	
机器净重	4.8KG	5.5KG

警告:在保护情况下, 功放会进入保护, 如果功率恢复功放正常工作。
30秒后功率还未恢复就会进入长期保护, 需要手动开关机才能复位。

FACEPLATE OPERATING INSTRUCTIONS



1. Power indicator light
2. Channel 1 signal light
3. Channel 2 signal light
4. Channel 3 signal light
5. Channel 4 signal light

Color	Signal metering	Label
GREEN	Light on input signal presence	SIGNAL

BACKPLATE OPERATING INSTRUCTIONS



1. The mains is supplied by switch mode power supply, and the allowable input range of external AC voltage is 90v to 265V, Frequency 50Hz /60Hz.
2. Cooling fan vent, local cooling fan vent, air flow from the panel, air flow from the rear.
3. External power input: DC5v-12v.
4. Channel CH4. RIGHT Speaker output terminal jack.
5. Channel CH3. CENTER Speaker output terminal jack.
6. Channel CH2. LEFT Speaker output terminal jack.
7. Channel CH1. SUBWOOFER Speaker output terminal jack.
8. Channel CH4, XLR Balanced jack / RIGHT audio signal input.
9. Channel CH3, XLR Balanced jack / CENTER audio signal input.
10. Network interface (transmission of Dante and DSP control signals)
*The DPI600 does not have this interface.
11. Channel CH2, XLR Balanced jack / LEFT audio signal input.
12. Channel CH1, XLR Balanced jack / SUBWOOFER audio signal input.

TECHNICAL SPECIFICATION

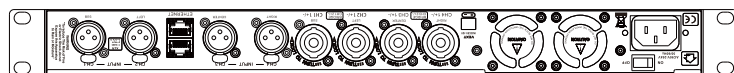
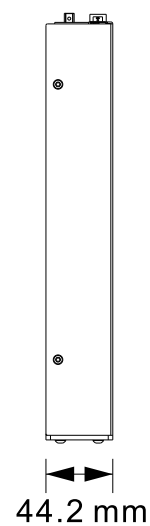
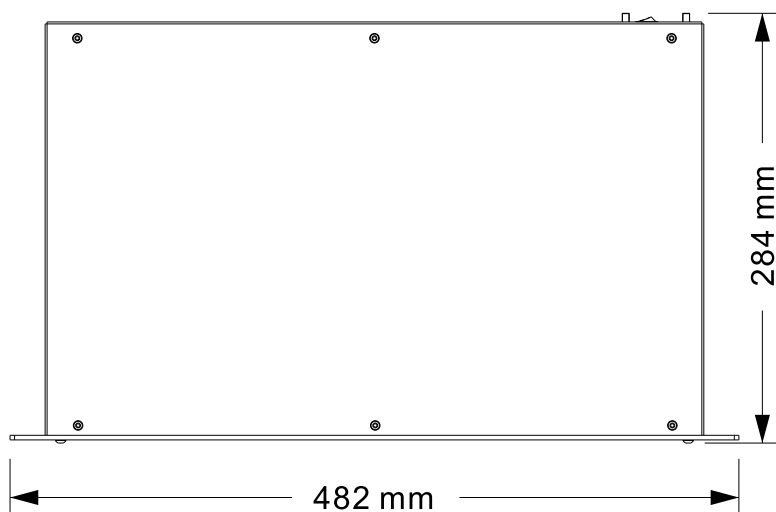
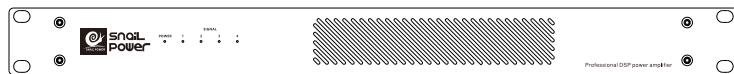
Model	DP1600	DP4000
Input impedance	10K/Balanced	
A/D @ DA Converters	24Bit/96KHz	
Max Input Level	1V(38dB)	
Frequency Response	20Hz-20KHz±1dB	
Total Harmonic Distortion	0.01%(1W)	
PEAK R.M.S/Power Output Max.	4*400W/8Ω 4*800W/4Ω	3*800W/8Ω 1*1600W/4Ω
Cooling	Fan Continuously Variable Speed Temperature Controlled Front to Rear Airflow.	
Operating temperature range	-25°C@+45°C	
AC Mains Power	90V-265V±10% @50/60Hz	
Crosstalk separation	85dB@1KHz	
Slew rate	50V/ns	
Damping factor	10000@100Hz	
Dimensions (W x H x D)	482*44.2*284	
Net Weighd.	4.8KG	5.5KG

WARNING: Under protection, the power amplifier will enter protection.

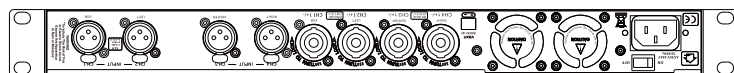
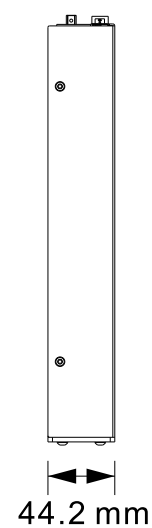
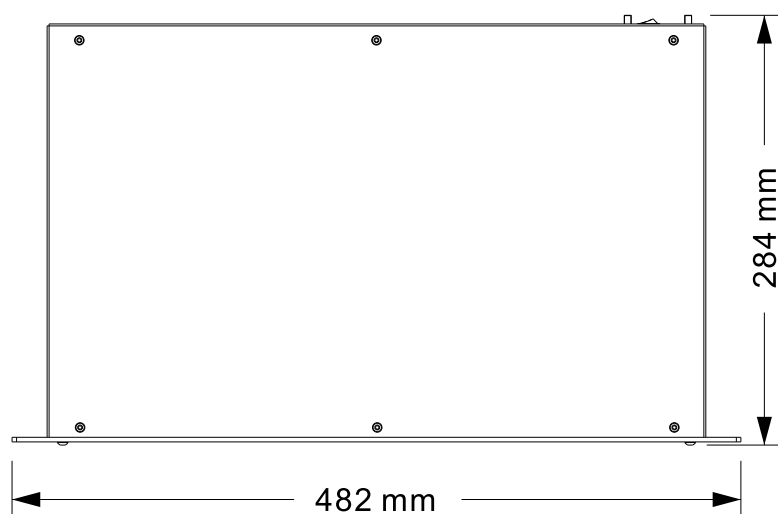
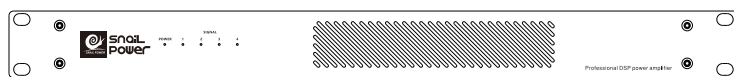
If the power is restored, the power amplifier will operate normally.

After 30 seconds, if the power is not restored, it will enter long-term protection, requiring manual switching on and off to reset.

MECHANICAL DRAWING 机械制图



MECHANICAL DRAWING 机械制图



Data are subject to change without notice
数据如有更改，恕不另行通知
