



# SOUNDMAGUS TECHNOLOGY CO.,LTD.

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Model No.	DP 1200.6 DSP Amplifier
<b>Rated Continuous (RMS) Power @ 14.4 V</b>	
4Ω stereo, ≤1% THD+N	100W RMS X6
2Ω stereo, ≤1% THD+N	200W RMS X6
4Ω Bridged, ≤1% THD+N	400W RMS X3
Max Output Level(RMS)@1% THD	4V RMS(Pre Out)
<b>General Specifications</b>	
Frequency Response	20HZ~20KHZ(-3dB)
S/N Ratio @ 1W (Amplifier)	65dB (A-weighted)
S/N Ratio @ 1W (Amplifier)	85dB (A-weighted)
S/N Ratio @ 2V (Pre Out)	78dB (A-weighted)
THD+N @ 50W RMS	0.50%
Channel Separation@Pre Out	80dB
Channel Separation@Amplifier	50dB
Gain Gauge:	-60 -- 0 dB
Auto Turn On	REM/DC Offset/Audio/BT
Phase	0/180(HPF/FULL/BPF) Variable 0~180(LPF)
Input Impedane(RCA)	30KOhm
Input Impedane(Speaker)	100Ohm(With HL01)
Input Sensitivity	20mV-5V (Low Level) 40mV-10V(Speaker Level)
Application	PC/IPAD/IPHONE(Only Remote )/Android(Only Remote )
Connection	USB(Personal Computer)/Bluetooth(iPad or Phone)
Digital Inputs	TOS Link/Bluetooth(Stereo)
Analog Inputs	6 Channel (RCA or Speaker Level in)
Outputs	2 Channel RCA
Operating Voltage:	9- 16V DC
<b>Signal Processing</b>	
Equalization	31 Band GEQ+PEQ (Fine adjustment of the individual bands in 1/24 octave steps and a quality setting between 0.4 and 15)
Crossover	FULL/HP/LP/BP(70 Step)
Delay	0~25ms(0.02ms increments)
Filter Slope (dB/Octave)	6/12/18/24/30/36/42/48 (Butterworth) 12/24/36( Linkwitz)
Phase	0/180(FULL/HP/LP/BP)
Presets	16 presets(Max.)
<b>Physical Specifications</b>	
Height (H)	56mm
Width (W)	152.5mm
Length (L)	382mm