

# DP SERIES AMPLIFIERS

LIGHT ON WEIGHT BUT VERY HEAVY ON.....POWER !



Stable down to 2 ohms

- ✓ Super light weight
- ✓ 4 \* 4 channel models
- ✓ 1 \* Stereo model generating 6800 w @8  $\Omega$  BTL
- ✓ Ultra-quiet variable speed fans
- ✓ Advanced protection circuitry
- ✓ Class D topology
- ✓ Only 1U high
- ✓ Stable down to 2  $\Omega$



# DP SERIES FEATURES

Suitable for professional live sound reinforcement or fixed installations, our DP series of digital amplifiers features 5 models that deliver between 595 w and 3400 w per channel into 4 Ω. Four of these new models are 4 channel amplifiers which allow installers to create discrete and versatile systems.

All models feature an advanced switch mode power supply and super-efficient Class D topology which delivers high power with low distortion.

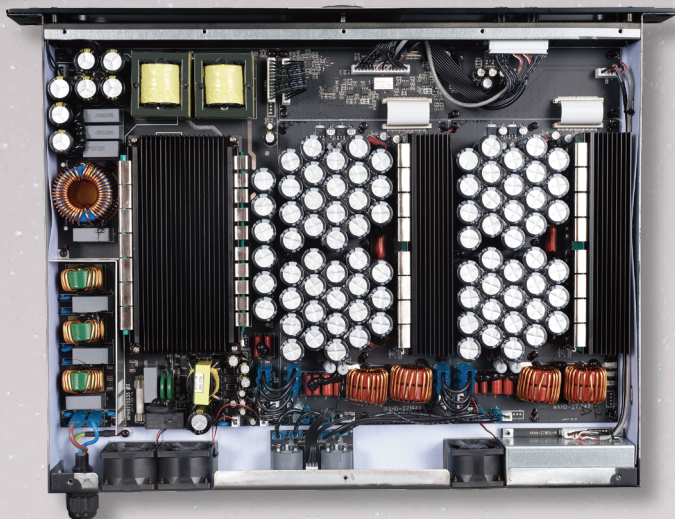
The DP series are incredibly light in weight. Starting from only 8.14 kg, installers and performers will really appreciate the ease this brings to transportation.



## PROTECTION

A full suite of protection circuitry includes thermal, over-current, DC, short circuit protect and power on/off mute. This level of protection ensures long term system reliability and peace of mind should the worst ever happen.

The variable speed fans keep the amplifier rack quiet when not in use - and cool while its running at high volume.



## QUALITY COMPONENTS

Using Neutrik audio connectors and the highest quality internal fans, the DP series are not only light weight but extremely high quality.

Reliability of any amplifier is essential and DP series have been specifically developed to deliver high power outputs in extreme professional conditions.

## MODES AND SWITCHES

The DP Series feature stereo, bridge and mono modes. Use in bridge mode with an individual high-powered subwoofer or use a single multi-channel DP to power your whole sound system equally.

Mono mode saves external cabling by splitting a single input to feed two channels of the amplifier.

Gains can be controlled by the rear panel gain switch. This allows for installation into almost any rig or venue.

The DP Series features XLR inputs with a maximum input level of +22 dBu allowing for integration with any typical professional audio system.



# SPECIFICATIONS



## Model Name

**DP-4035**

**DP-4065**

**DP-4100**

<b>Power Output</b>			
Stereo Power Output 8 ohms	4 x 350 W	4 x 650 W	4 x 1000 W
4 ohms	4 x 595 W	4 x 1100 W	4 x 1700 W
2 ohms	4 x 1012 W	4 x 1870 W	4 x 2890 W
Bridged Mono Output 16 ohms	2 x 700 W	2 x 1300 W	2 x 2000 W
8 ohms	2 x 1190 W	2 x 2200 W	2 x 3400 W
4 ohms	2 x 2023 W	2 x 3740 W	2 x 5780 W
<b>Input Sensitivity &amp; impedance</b>			
Sensitivity	35/32/29/26 dB	38/35/32/29 dB	38/35/32/29 dB
Balanced XLR input	20 Kohms	20 Kohms	20 Kohms
Maximum Input Level	15 dBu (4.3 Vrms)	15 dBu (4.3 Vrms)	15 dBu (4.3 Vrms)
Voltage Gain	35 dB	38 dB	38 dB
Slew Rate	>50 V / us	>50 V / us	>50 V / us
Crosstalk	<-90 dB	<-90 dB	<-90 dB
S/N	>103 dB	>105 dB	>107 dB
Distortion (1 W)	<0.05%	<0.02%	<0.02%
<b>Frequency Response</b>			
+/-1 dB @ 8 ohms	20 Hz - 20 KHz	20 Hz - 20 KHz	20 Hz - 20 KHz
+/-3 dB @ 8 ohms	20 Hz - 30 KHz	20 Hz - 30 KHz	20 Hz - 30 KHz
Damping Factor	>5000	>5000	>5000
Topology	Class D		
<b>Connectors</b>			
Signal Input	Female XLR jacks		
Power Output	speakON compatible		
<b>Controls</b>			
Front panel	AC Switch, CH and CH2 gain knobs		
Rear panel	Parallel, Stereo & Bridge mode switch, Limiter switch		
Protections	Thermal protect, Over-current protect, Output DC protect, Output short protect.		
Indicators	Power, Protect, Signal, Limiter		
Cooling	Variable speed fan		
AC Power	90 ~ 260VAC, 50 ~ 60Hz		
Dimensions	45x485x370 mm	45x485x370 mm	45x485x370 mm
Weight (Net)	8.0 kg	9.1 kg	9.1 kg
Weight (Gross)	9.5 kg	10.6 kg	10.6 kg

# SPECIFICATIONS



Model Name	DP-4120	DP-2200
<b>Power Output</b>		
Stereo Power Output 8 ohms	4 x 1200 W	2 x 2000 W
4 ohms	4 x 2040 W	2 x 3400 W
2 ohms	4 x 3468 W	2 x 4760 W
Bridged Mono Output 16 ohms	2 x 2400 W	1 x 4000 W
8 ohms	2 x 4080 W	1 x 6800 W
4 ohms	2 x 6936 W	1 x 9520 W
<b>Input Sensitivity &amp; impedance</b>		
Sensitivity	41/38/35/32 dB	41/38/35/32 dB
Balanced XLR input	20 Kohms	20 Kohms
Maximum Input Level	15 dBu (4.3 Vrms)	15 dBu (4.3 Vrms)
Voltage Gain	41 dB	41 dB
Slew Rate	>50 V / us	>50 V / us
Crosstalk	<-90 dB	<-90 dB
S/N	>108 dB	>109 dB
Distortion (1 W)	<0.02%	<0.02%
<b>Frequency Response</b>		
+/-1 dB @ 8 ohms	20 Hz - 20 KHz	20 Hz - 20 KHz
+/-3 dB @ 8 ohms	20 Hz - 30 KHz	20 Hz - 30 KHz
Damping Factor	>5000	>5000
Topology	Class D	Class D
<b>Connectors</b>		
Signal Input	Female XLR jacks	
Power Output	speakON compatible	
<b>Controls</b>		
Front panel	AC Switch, CH and CH2 gain knobs	
Rear panel	Parallel, Stereo & Bridge mode switch, Limiter switch	
Protections	Thermal protect, Over-current protect, Output DC protect, Output short protect.	
Indicators	Power, Protect, Signal, Limiter	
Cooling	Variable speed fan	
AC Power	90 ~ 260VAC, 50 ~ 60Hz	
Dimensions	45x485x465 mm	45x485x370 mm
Weight (Net)	12.2 kg	9.3 kg
Weight (Gross)	14.8 kg	10.8 kg



Errors and omissions excepted (E&OE) : Wharfedale Pro : 2021