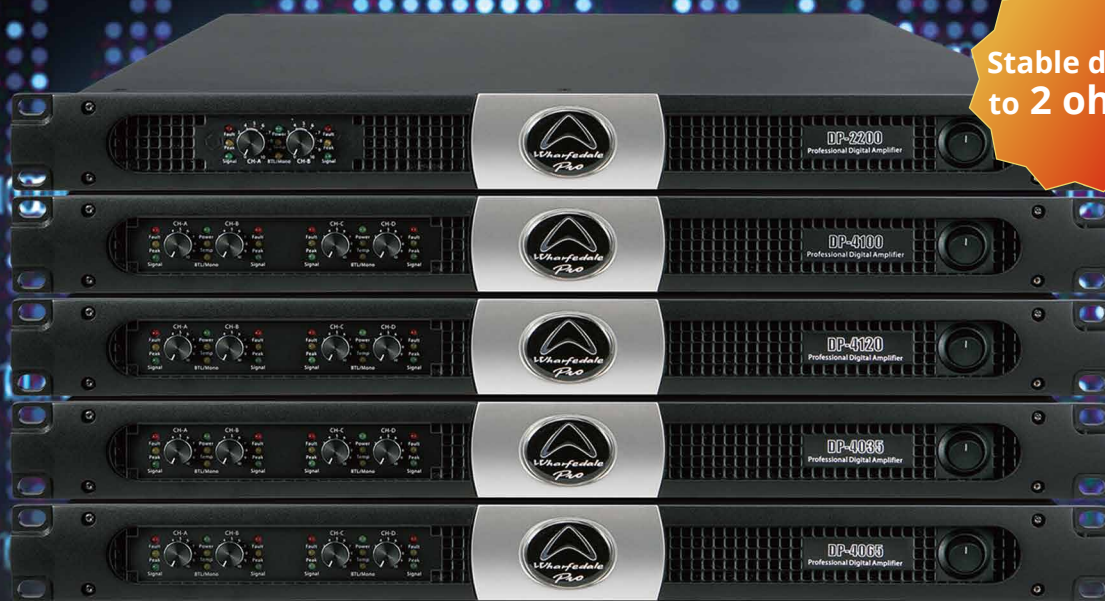


# DP SERIES AMPLIFIERS

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



Stable down  
to 2 ohms

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



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# DP SERIES FEATURES

Suitable for professional live sound reinforcement or fixed installations, our DP series of digital amplifiers features 5 models that deliver between 595w and 3400w per channel into 4Ω. 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 8.14kg, 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.

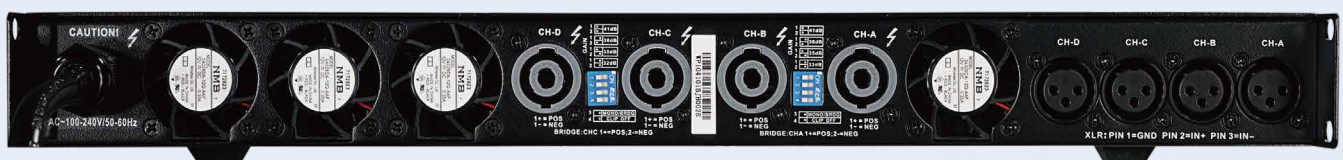
## MODES AND SWITCHES

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 +22dBu allowing for integration with any typical professional audio system.





# SPECIFICATIONS



## Model Name

DP-4035

DP-4065

DP-4100

## Power Output

Stereo Power Output 8Ω	4 * 350w	4 * 650w	4 * 1000w
4Ω	4 * 595w	4 * 1100w	4 * 1700w
2Ω	4 * 1012w	4 * 1870w	4 * 2890w
Bridged Mono Output 16Ω	2 * 700w	2 * 1300w	2 * 2000w
8Ω	2 * 1190w	2 * 2200w	2 * 3400w
4Ω	2 * 2023w	2 * 3740w	2 * 5780w

## Input Sensitivity & impedance

Sensitivity	1Vrms/32dB/26dB	38/35/32/29dB	38/35/32/29dB
Balanced XLR input	20KΩ	20KΩ	20KΩ
Maximum Input Level	22dBu (9.7Vrms)	22dBu (9.7Vrms)	22dBu (9.7Vrms)
Voltage Gain	35dB	38dB	38dB
Slew Rate	>50V / μs	>50V / μs	>50V / μs
Crosstalk	<-70dB	<-90dB	<-90dB
S/N	>105dB	>107dB	>109dB
Distortion (1W)	<0.05%	<0.02%	<0.02%

## Frequency Response

+/-1dB @ 8Ω	20Hz - 20kHz	20Hz - 20kHz	20Hz - 20kHz
+/-3dB @ 8Ω	20Hz - 30kHz	20Hz - 30kHz	20Hz - 30kHz
Damping Factor	>500	>5000	>5000
Topology	Class D		

## Connectors

Signal Input	Female XLR jacks
Power Output	SpeakON compatible

## Controls

Front panel	AC Switch, CH and CH2 gain knobs		
Rear panel	Parallel, Stereo & Bridge mode switch, Limiter switch		
Protection	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	44 * 485 * 312mm	44 * 485 * 370mm	44 * 485 * 370mm
Weight (Net)	8.14kg	9.18kg	9.16kg
Weight (Gross)	10.2kg	11.26kg	11.1kg

# SPECIFICATIONS



## Model Name

DP-4120

DP-2200

## Power Output

Stereo Power Output 8Ω	4 * 1200w	2 * 2000w
4Ω	4 * 2040w	2 * 3400w
2Ω	4 * 3468w	2 * 4760w
Bridged Mono Output 16Ω	2 * 2400w	1 * 4000w
8Ω	2 * 4080w	1 * 6800w
4Ω	2 * 6936w	1 * 9520w

## Input Sensitivity & impedance

Sensitivity	41/38/35/32dB	41/38/35/32dB
Balanced XLR input	20KΩ	20KΩ
Maximum Input Level	22dBu (9.7Vrms)	22dBu (9.7Vrms)
Voltage Gain	41dB	41dB
Slew Rate	>50V / μs	>50V / μs
Crosstalk	<-90dB	<-90dB
S/N	>110dB	>112dB
Distortion (1W)	<0.02%	<0.02%

## Frequency Response

+/-1dB @ 8Ω	20Hz - 20kHz	20Hz - 20kHz
+/-3dB @ 8Ω	20Hz - 30kHz	20Hz - 30kHz
Damping Factor	>5000	>5000
Topology	Class D	Class D

## Connectors

Signal Input	Female XLR jacks
Power Output	speakON compatible

## Controls

Front panel	AC Switch, CH and CH2 gain knobs	
Rear panel	Parallel, Stereo & Bridge mode switch, Limiter switch	
Protection	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	44 * 485 * 465mm	44 * 485 * 370mm
Weight (Net)	12.3kg	9.28kg
Weight (Gross)	14.9kg	11.3kg



Errors and omissions excepted (E&OE) : Wharfedale Pro : 2020