

vector
audio

DFP
SERIES

PROFESSIONAL POWER AMPLIFIERS

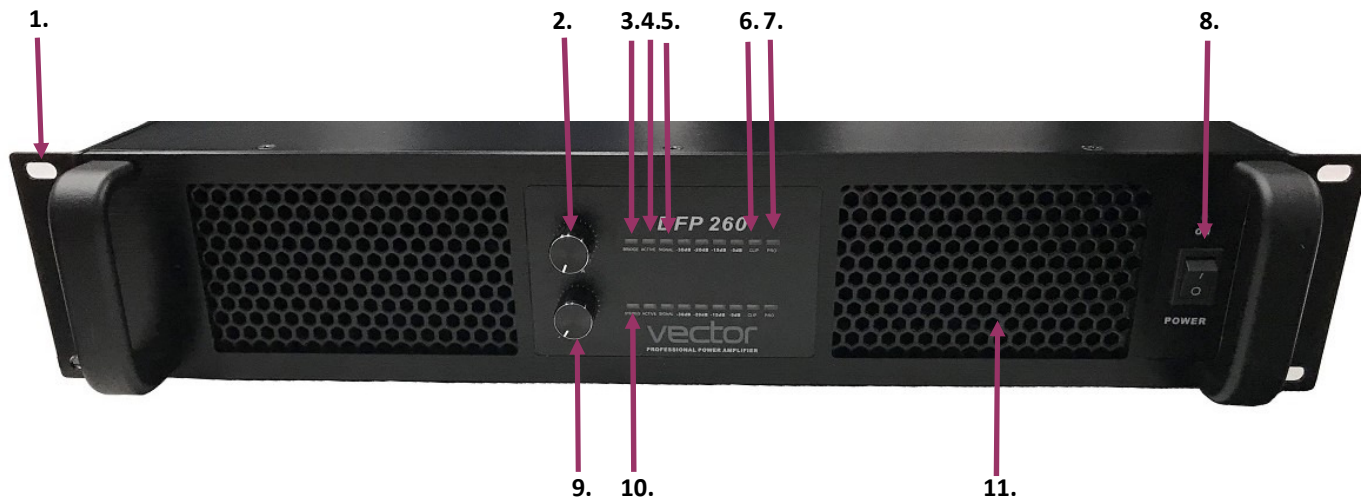


Vector DFP 260 Amplifier

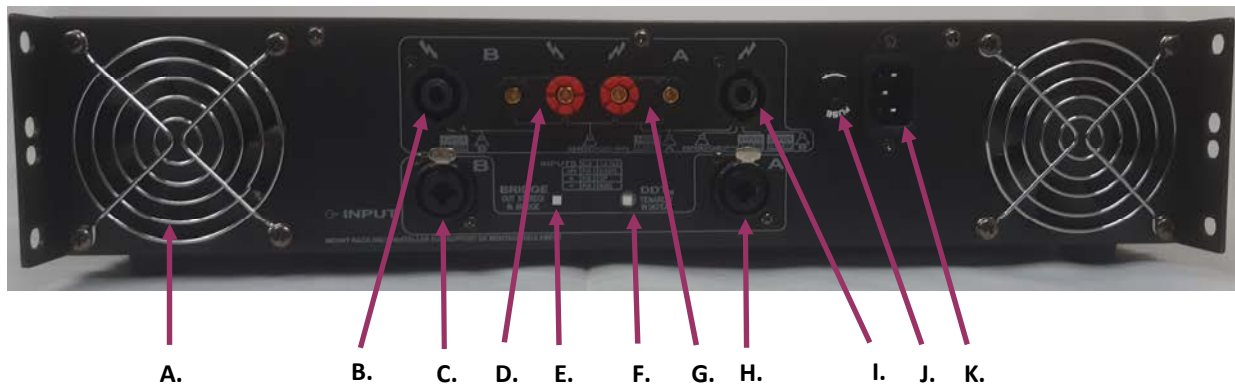
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INSTRUCTION MANUAL

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1. Rack mount ears for 19" rack mounting
2. **Channel A** attenuator control allows the input to be amplified.
3. **Bridge Mode**— this LED will illuminate if the amplifier is operated in Bridge Mode (using switch on the rear)
4. **Active**— When the amplifier is switched on the LED's will illuminate
5. **Signal**— this LED will illuminate to show that a input signal is present.
6. **Clip**— the LED will illuminate when Clip mode, you should reduce the input level to avoid damage.
7. **Pro**—the LED will illuminate if the amplifier goes into protect mode (disconnecting the speaker outlet)
8. Mains On/Off switch
9. **Channel B** attenuator control allows the input to be amplified
10. **Stereo Mode**— will illuminate when the amplifier is in stereo operation.
11. Fan outlet grill, air is taken in at the rear and expelled from the front grilles.



- A. **Fan Inlet**—do not obstruct
- B. **Channel B Speaker Outlet**—Speakon connector
- C. **Channel B Input**— Multi Connector Jack plug 6.3mm or XLR 3 Pin Male
- D. **Channel B Speaker Outlet**—Binding Posts (Red +ve and Black -ve)
- E. **Stereo or Bridge Mode** switch (linked to LED indicator on Front Panel)
- F. **Tenarle/In Defeat Switch**— This is not used in this model amplifier.
- G. **Channel A Speaker Outlet**—Binding Posts (Red +ve and Black -ve)
- H. **Channel A Input**—Multi Connector Jack plug 6.3mm or XLR 3 Pin Male
- I. **Channel B Speaker Outlet**—Speakon connector
- J. **Fuse Holder**
- K. **Mains Inlet** IECC Socket 240v

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AMPLIFIER OPERATION.

When installing the amplifier please ensure that the device has free flowing air for both the rear fans to operate and the Fan outlet grilles on the front of the device is clear to allow unrestricted air flow.

SWITCH ON-

Connect the mains IEC lead to the rear of the amplifier (shown as **K** on the diagram), ensure both Channel A and Channel B attenuator controls (2 & 9) are switched to minimum (turned anti clockwise as far as possible). Switch on the mains switch (8) located on the front of the device.

INPUT CONNECTION-

Input can be made on the rear of the device via Channel A and Channel B (shown as C and H on the diagram). Connection is via the Multi input socket which will accept a 6.3mm stereo Jack plug or a 3 Pin Male XLR Plug. Pin connections are shown below:-

INPUT		
	XLR	1/4" Jack
EARTH	Pin 1	Sleeve
+Ve	Pin 2	TIP
-Ve	Pin 3	RING

Input sensitivity on the DSP260 is 0.775volts

OUTPUT CONNECTION-

This is on the rear of the device and can be made via Speakon connector with Pin1 as Positive and Pin 2 as negative (shown as B and I) or Binding post (shown as D and G) using bare wires, Banana plugs or spade lugs.

BRIDGED MODE

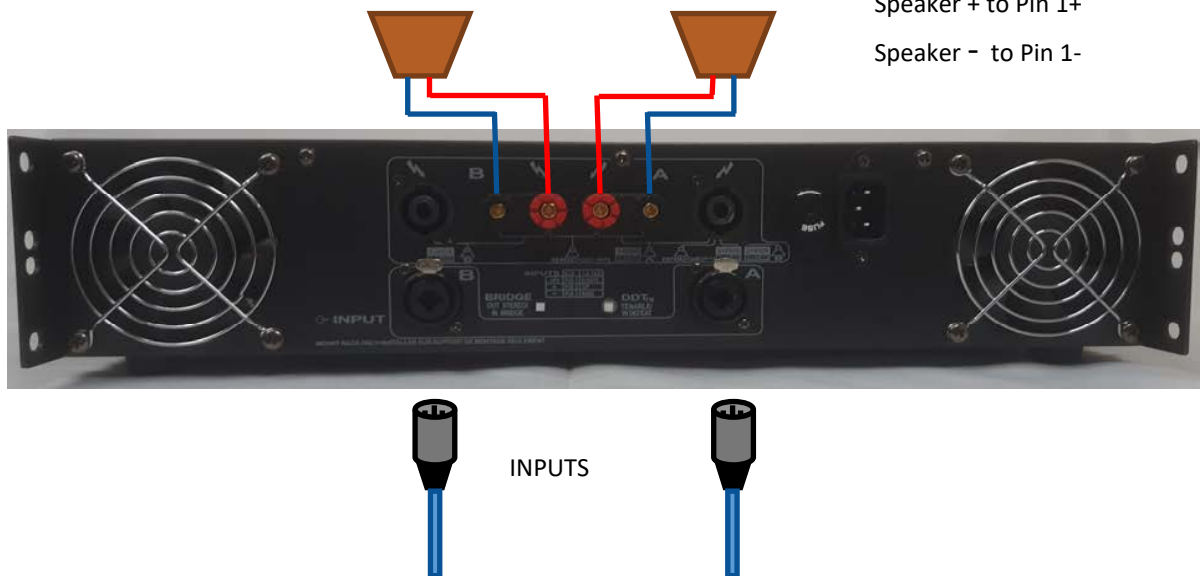
If you wish to operate the amplifier in bridged mode press the bridged mode button (**E**) on the rear of the device, the LED (**3**) will illuminate on the front panel.

Input to the amplifier in bridge mode is via Channel A.

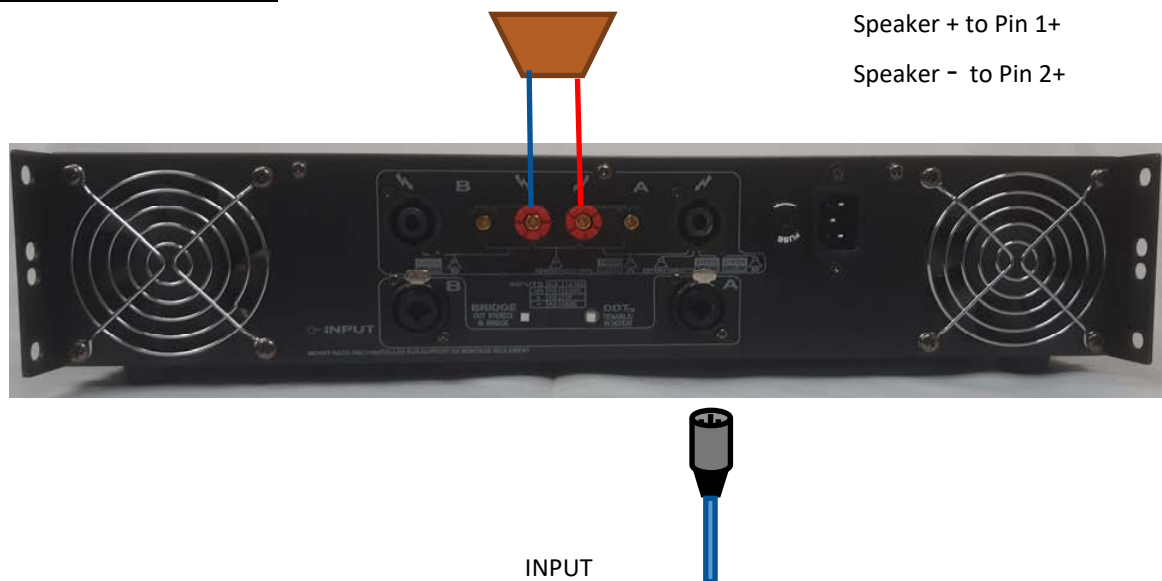
Output to the speakers is via Channel A Speakon Connector or via the binding posts using Channel A positive terminal and Channel B positive terminal. In this mode Channel A terminal will act as the **+ve** output and Channel B will act as the **-ve** outlet.

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STEREO MODE OPERATION



BRIDGE MODE OPERATION



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SPECIFICATION

Power Output Level 1KHz, THD + N=0.1%	RMS @ 8 ohms Stereo RMS @ 4 ohms Stereo RMS @ 8 ohms Bridged	100w + 100w 150w + 150w 300w
Phase Response	1w, 20Hz—20KHz at 8 ohms	+/- 10'
Total Harmonic Distortion		<0.1%
Frequency Response	1w / 8 ohms	20Hz– 20KHz-1dB@1KHz+/- 1dB
Slew rate		35V/us
Intermodulation Distortion 60Hz: 7KHz, 4:1, Half Power		<0.03%
Channel Separation	Half Power, RL=8ohm, 1KHz Vol.max, input 600ohm	>60dB
SN Ratio		95dB
Damping Factor	8 ohm , 1f=1KHz	400
Sensitivity (Vol Max)	Rated Power into 8 ohms	0.775v / 1.0v /1.44v
Input Impedance	Balanced/unbalanced	20K ohm/balanced, 10K ohm/unbalanced
Input Connectors	per channel	Male 3Pin XLR/ 6.3mm Jack Plug
Output Connectors	per channel	Speakon Connector/ Binding Posts
Protection Circuit		Short Circuit/ Overload Protect DC Protect, Soft Start,
Power Supply		AC– 240volt 50Hz
Fuse		10amp
Dimensions		483mm x 430mm x 88mm
Weight		16kg