

New Product review

Wharfedale DP-F series power amplifiers

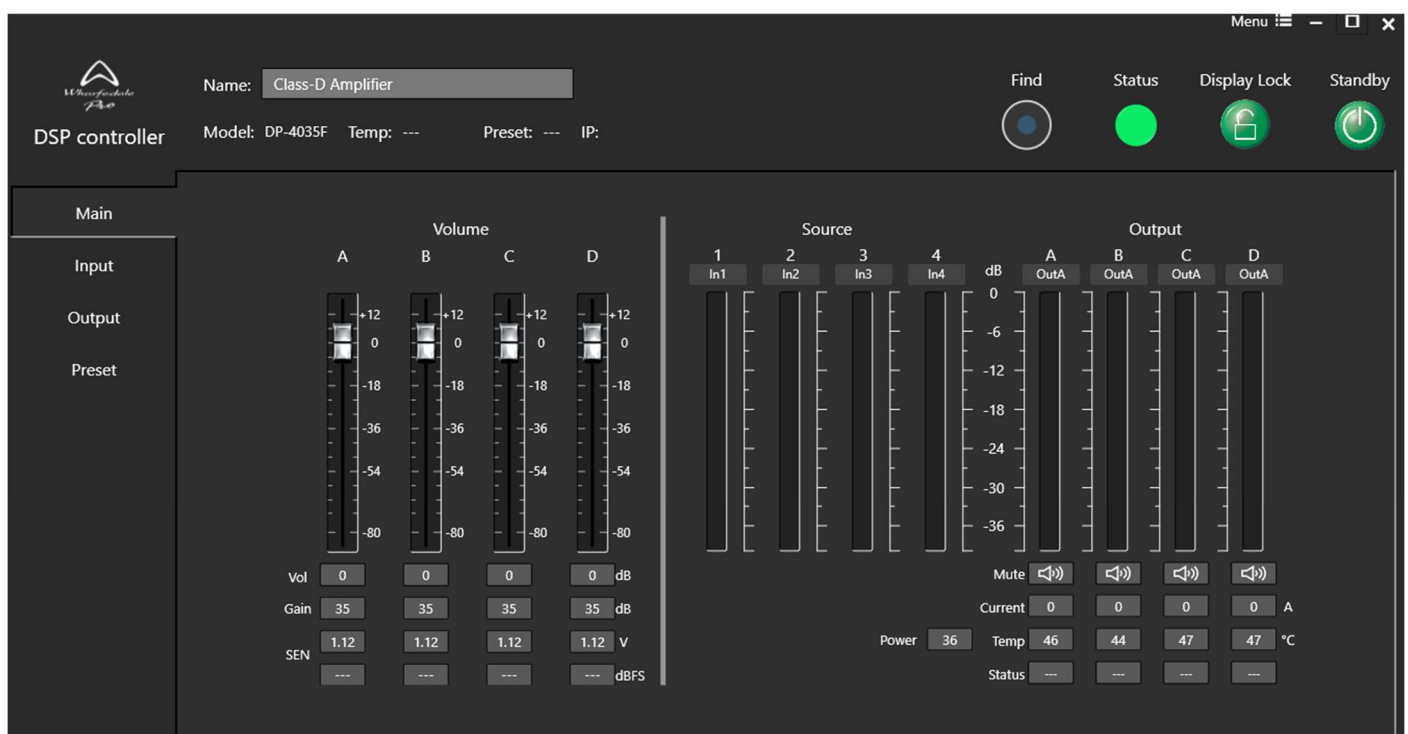


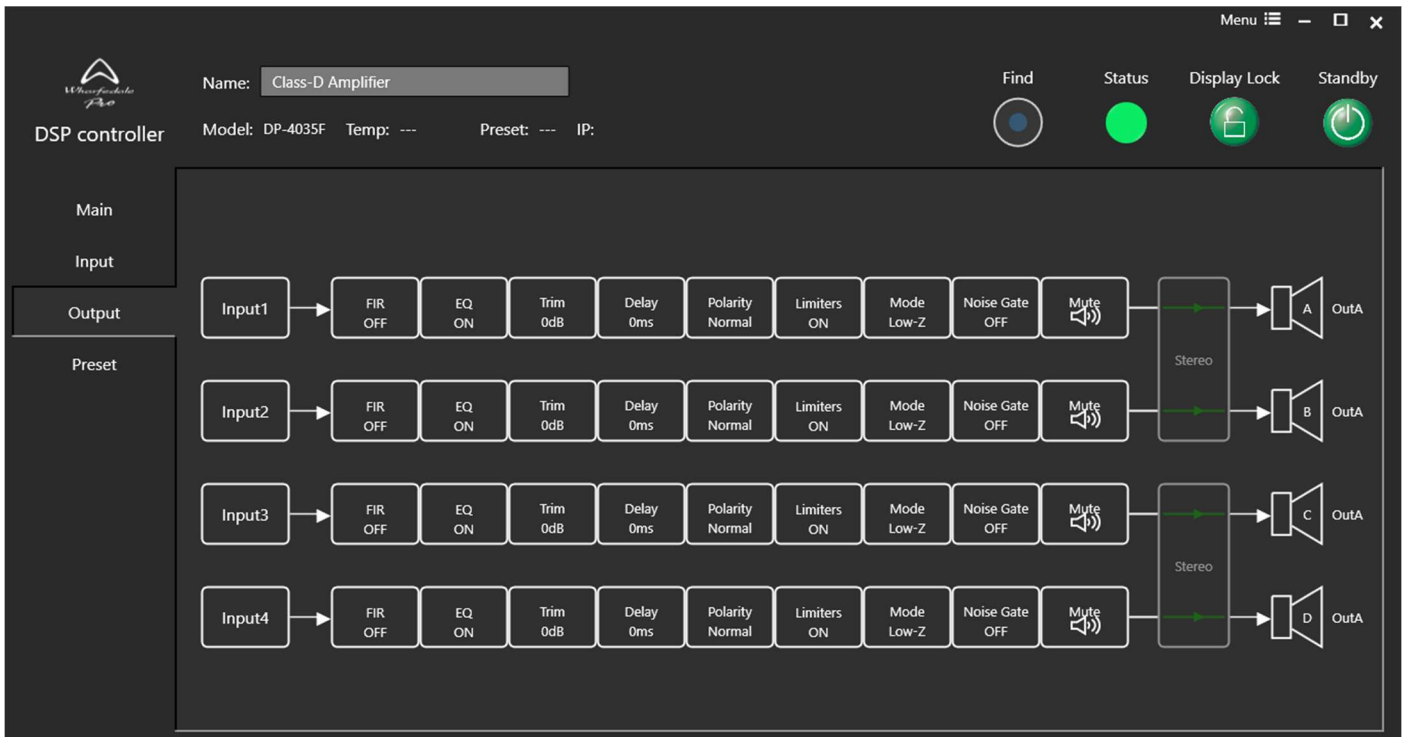
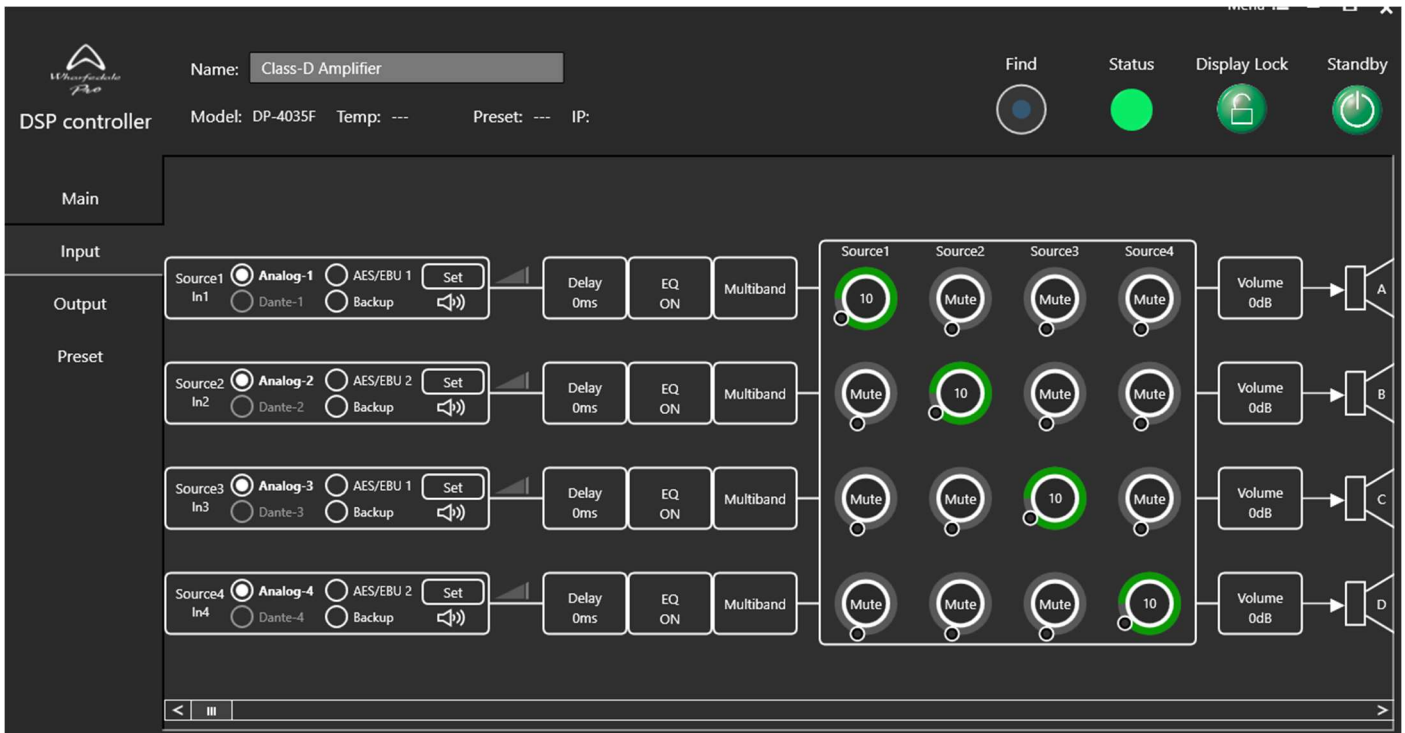
Wharfedale have recently introduced the DP-F series of power amplifiers and we had the chance to have a play around with the DP-4035F 4 channel model and see what it offers.

All models come in a 1U format for space saving in racks and they feature variable speed fan cooling. We were pleasantly surprised at the low noise level of the fans when being used at normal operating volume levels. The range includes full DSP software which is accessed via an ethernet port, and a laptop. The software was easy to use and feature packed, allowing for custom DSP settings to be stored and exported for use on other DP-F amplifiers. FIR filtering is included, along with 10 bands of output EQ and the usual full suite of DSP functionality and SMAART API compatibility. Another useful feature sometimes not included in DSP software was the ability to add additional input gain to low level input signals.

As well as balanced analogue inputs the amplifier can route AES/EBU digital inputs which is a great feature at this price point.

Here are some screenshots of the DSP





The amplifiers are stable down to 2 ohms, and come in the following models:

DP-4035F, 4 x 595w (4 ohm)

DP-4065F, 4 x 1100w (4 ohm)

DP-4100F, 4 x 1700w (4 ohm)

DP-2200F, 2 x 3400w (4 ohm)

Please see the table for other output options.

	DP-2200F DP-2200N	DP-4100F DP-4100N	DP-4065F DP-4065N	DP-4035F DP-4035N
8 Ω	2 x 2000 W	4 x 1000 W	4 x 650 W	4 x 350 W
4 Ω	2 x 3400 W	4 x 1700 W	4 x 1100 W	4 x 595 W
2 Ω	2 x 4760 W	4 x 2890 W	4 x 1870 W	4 x 1010 W
16 Ω Bridged	1 x 4000 W	2 x 2000 W	2 x 1300 W	2 x 700 W
8 Ω Bridged	1 x 6800 W	2 x 3400 W	2 x 2200 W	2 x 1190 W
4 Ω Bridged	1 x 9520 W	2 x 5780 W	2 x 3740 W	2 x 2020 W
100 V Hi-Z	2 x 3400 W	—	—	—
70 V Hi-Z	2 x 2400 W	4 x 1700 W	4 x 1100 W	—
100 V Bridged	1 x 2500 W	2 x 2500 W	2 x 2500 W	2 x 2020 W
70 V Bridged	1 x 1225 W	2 x 1225 W	2 x 1225 W	2 x 1225 W