



# PRELIMINARY PRODUCT INFORMATION

## SC-48 FIR

*Think dif-FIR-ently about signal processing.*

NEW



To get the most from any PA system, external signal processing is essential. To route, tune and to protect.

The new flagship SC-48 FIR Versadrive delivers new levels of processing power and parameter control to get EVEN more from any PA system.

What's new about this model? The clue is in the product code! FIR Filtering!

FIR Filtering gives independent control of magnitude and phase, more detailed equalisation and optimization of frequency and power response. This leads to highly improved system performance.

The SC-48 FIR has 4 input channels and 8 output channels. This makes routing and distribution for large systems as simple (or as complex) as the project requires.

Remote control editing via PC is handled by USB connection, D-sub connector (RS232 / 485) and Ethernet interface (RJ45). Editing software is included.

In the end, SC-48 FIR brings improved system performance through the inclusion of powerful FIR filtering. **Let's get serious! Think dif-FIR-ently about DSP!**

Internal DSP + FIR filtering

4 in / 8 out matrix

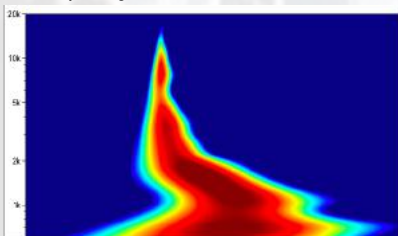
96 KHz sampling rate

Software control

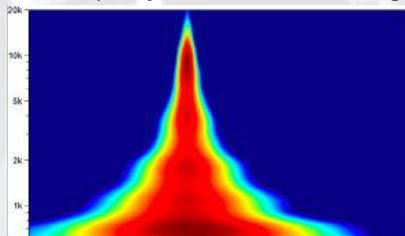
32-bit DSP

AES Digital input

Example system without FIR filtering



Example system with FIR filtering



### WHEN IS IT AVAILABLE?

## SC-48 FIR

Shipping from

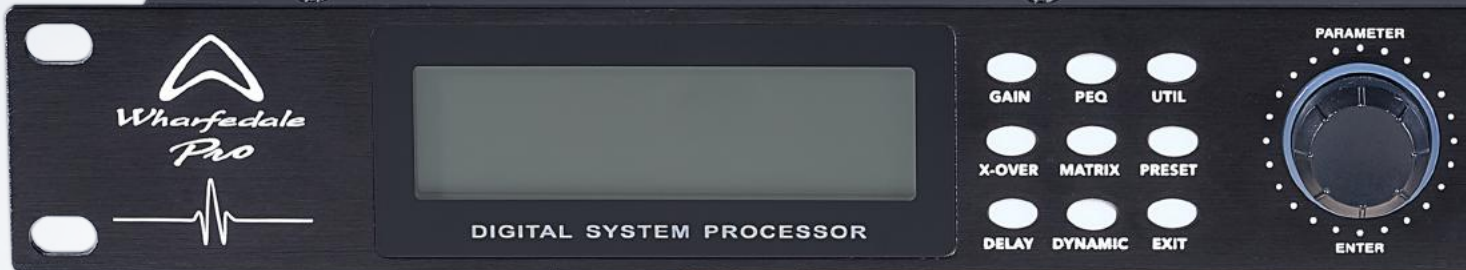
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### WHAT MAKES IT GREAT?

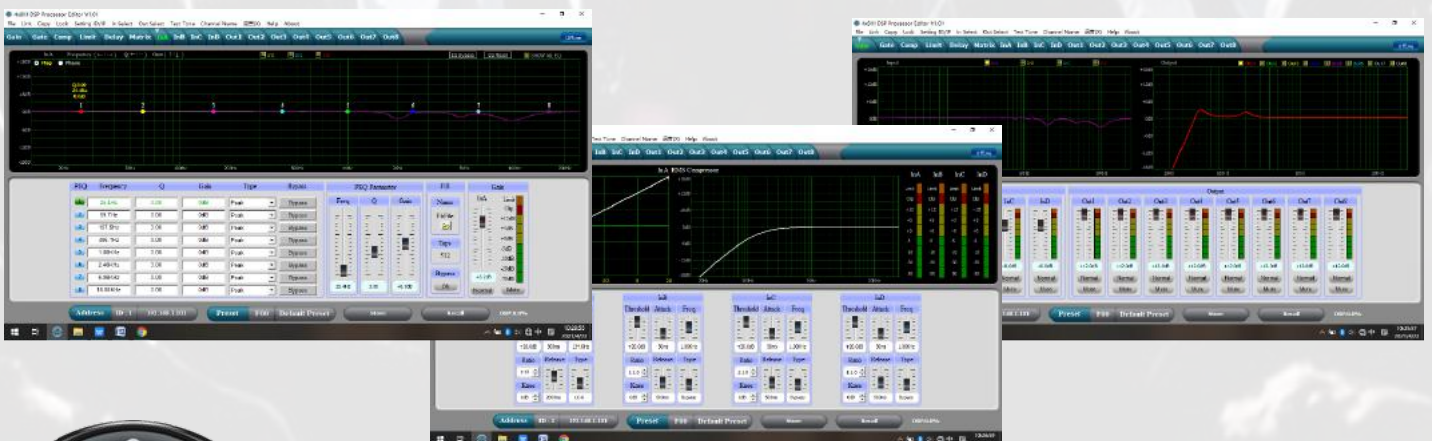
- 4 in / 8 out DSP Matrix
- Powerful FIR filtering
- Supplied with editing software
- Not only for Wharfedale Pro systems!

# SPECIFICATIONS

NEW



Model	<b>SC-48 FIR</b>
Input channels	4
Output channels	8
Frequency response	20 Hz-20 KHz, -0.3 dBu
Signal to noise ratio	>115 dBu
Distortion	<0.005 at 1 KHz (0 dBu)
Crosstalk	<100 dB below full scale
Maximum input level	+18 dBu
Maximum output level	+20 dBu
Input impedance	Balanced 500 K $\Omega$ , Unbalanced <500 K $\Omega$
Digital processing	24-bit sigma-delta, 96 KHz sampling rate. 20 x 2 LCD Display
AC Power	AC 100-240 V
H x W x D	480 x 245 x 450 mm
Weight	2.88 kg



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



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