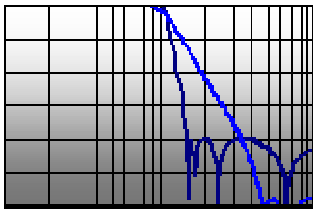


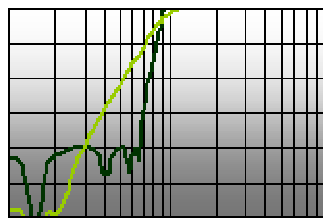
- Very versatile, easy to use
- 4 Channels from one system
- 1 Hz – 255 kHz filter range
- x 1000 (+60dB) gain
- 5 filter responses, 135 dB/Octave
- Non volatile memory
- BNC connectors
- Signal level indication
- Built in Ethernet text interface



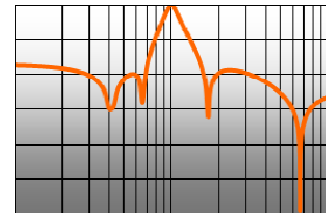
Lowpass (x2)



Highpass (x2)



Bandpass



The VBF44 is a top of the range filter system, with 5 built in-filter responses, 2 low pass, 2 highpass, and one bandpass.

As a compact benchtop instrument, the VBF44 is manufactured to high standards including stainless steel panels and passive cooling. Control is via an easy to use 'menu' style control with LCD panel, and selection buttons. The menu style control has a number of features to make operation and programming of each channel easy.

The VBF 44 has a wide range of gain control, x100 (+40 dB) is available before the filter, in 1,2,5... steps, after the filter there is additional gain in 1,2,5,10 steps. This combination allows optimisation of signal levels both before and after the filter, as well as optimising output signal levels for signal analysis systems. There is a 4 level signal indicator and a signal overload indicator to aid in gain setting.

Inputs are single end or differential, with AC and DC coupling in addition to IEPE transducer source. The VBF 44 can connect 2 pairs of filters in series and parallel, this give enormous flexibility for extracting, rejecting, or band limiting signals. Filters can be set in groups, a useful feature for setting bandpass and bandstop filters.

The VBF 44 has a built in Ethernet style interface, which accepts operating system independent text commands sent over Ethernet type hardware.

The combination of frequency range, pre and post-filter gain, 5 filter responses, channel tracking/grouping, and compact size make the VBF 44 a very versatile, flexible, top of the range filter amplifier.

