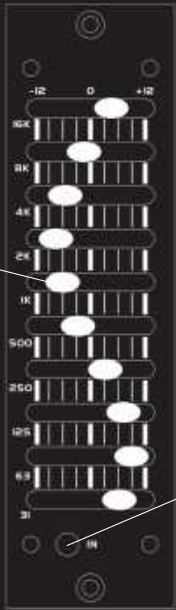


V560 Graphic EQ User's Guide



Boost/cut

Controls the amount of gain or attenuation for each band. The 10 bands each comes with a musical frequency and up to 12dB of boost/cut. Q goes from wide to sharp as the boost/cut gets further. A high boost/cut will also introduce harmonics.



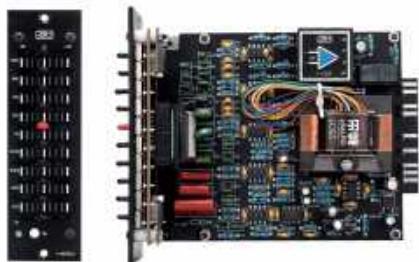
In Button

A pushbutton that bypasses the V560. While the pushbutton is down, the light beside will be on, indicating the status of "in".

Thanks for creating with V560 Graphic EQ.

The V560 is built to work & sound exactly like its classic counter part in the 60s-70s. This was accomplished by not only the same 10-band & 500-series configuration, but also the replica of discrete circuit.

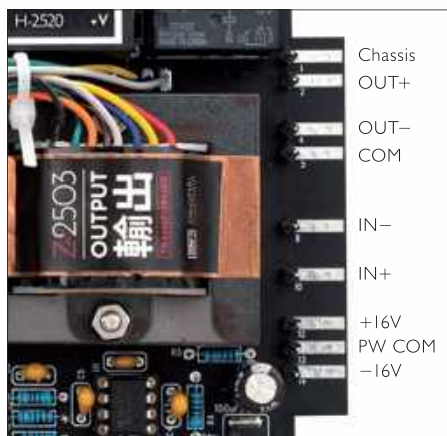
It takes very little gain on V560 to spice up and bring your track to the front. If you long for the exciting, powerful, golden record drums and guitar, you may have found the best entry-point analog outboard. In our own commercial studio, we stack a row of V560 to record drums through, to entice anything for the genre, and sometimes to just get inspired.



Specifications

Frequency range	22Hz - 20kHz
SNR	-93.094 dBV
31Hz	12dB boost/cut
63Hz	12dB boost/cut
125Hz	12dB boost/cut
250Hz	12dB boost/cut
500Hz	12dB boost/cut
1KHz	12dB boost/cut
2KHz	12dB boost/cut
4KHz	12dB boost/cut
8KHz	12dB boost/cut
16KHz	12dB boost/cut
Harmonic distortion	0.032% across 20Hz - 20KHz

Connectors



Compatibility

The V560 is a module to be installed into an API 500 series compatible rack frame (not included). It needs the power supply and the audio connectors provided by this frame and does not function stand alone.

The current consumption is 115 milliamperes at ± 16 volts DC. The V560 meets all mechanical and electronic specifications of the VPR Alliance, providing the highest level of compatibility with common 500 series rack frames.

Installation

Just follow these easy steps to install your V560:

1. Switch your API 500 series compatible rack off and disconnect the power cable from mains.
2. Insert the module into a free slot on your rack. Make sure the PCB connector matches with the rack connector.
3. Gently push the module in place - do not use any extensive force.
4. Tighten the front panel with two screws provided by your rack manufacturer.
5. Connect your audio cables and apply power to your rack.

Precautions



CAUTION: Electricity

- Make sure to operate your API 500 series compatible rack at the specific mains voltage of your country.
- Replace rack frame fuse with the same type and value only.
- Your rack frame must be connected to ground.
- Do not use a damaged power cord.
- Never place containers with liquid on the rack.
- Do not expose this device to rain or moisture.
- Do not use this device near water.
- Refer service to qualified service staff only.



CAUTION: Temperature

- Surfaces of the device may become hot during operation.
- Do not install this device near any heat source such as radiators, stoves or other heat sources.
- If this device is moved from a cold place to a warm room, condensation can occur inside the device. To avoid damaging the unit, please allow it to reach room temperature before switching it on.



CAUTION: Connecting & Mounting

- Never connect to the output of a power amplifier.
- Do not apply extensive force when installing this device.
- Use the device according to this guide only.



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