

2015G

Graphic Equalizer

The purpose of an equalizer is to provide precise control over narrow frequency bands so that you can achieve flat response or to allow you to "personalize" sound. Most equalizers are octave equalizers, that is, they have controls arranged at one-octave intervals.

However, often this amount of precision is not enough. For this reason, we've developed the dbx 2015G. It has a total of 15 separate frequency bands per channel. In the most critical low-frequency range, we've provided one-half octave equalization, while at the less critical high end, normal octave equalization is retained.

Here are the center frequencies: 32Hz, 45Hz, 63Hz, 100Hz, 125Hz, 185Hz, 250Hz, 375Hz, 500Hz, 1kHz, 2kHz, 4kHz, 8kHz, 16kHz and 32kHz. Each frequency can be adjusted over a ± 12 dB range, but a press of a button gives you a finer ± 6 dB range.

These carefully selected frequency bands let you correct just about any sound problems caused by odd room acoustics, non-flat speaker response or inadequate source material.

Separate attenuators are provided for each channel to facilitate level matching. The pre/post/bypass switches permit equalization to be routed before the deck (for recording an equalized signal), after the deck (for equalizing playback signals), or bypassed altogether. LED indicators are provided for all switches.

Because the 2015G is meant to be used with top-grade component systems, it has been carefully designed to provide superior hi-fi specifications. It's rack mountable, too.

1531G

Graphic Equalizer

The 1531G is designed using the same basic concepts as the 2015G—to give you the precision and convenience of half-octave equalization for critical low-frequency ranges (32Hz to 500Hz) and octave equalization for higher-frequency ranges (500Hz and up). The 1531G offers 15-band equalization, channel by channel, at frequencies of 32Hz, 45Hz, 63Hz, 100Hz, 125Hz, 185Hz, 250Hz, 375Hz, 500Hz, 1kHz, 2kHz, 4kHz, 8kHz, 16kHz and 32kHz.

Flip the switch on the rear panel, however and you have exceptionally versatile 1/3-octave 31-band mono equalization. The frequencies are 25Hz, 31.5Hz, 40Hz, 50Hz, 63Hz, 80Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1kHz, 1.25kHz, 1.6kHz, 2kHz, 2.5kHz, 3.15kHz, 4kHz, 5kHz, 6.3kHz, 8kHz, 10kHz, 12.5kHz, 16kHz, 20kHz and 25kHz.

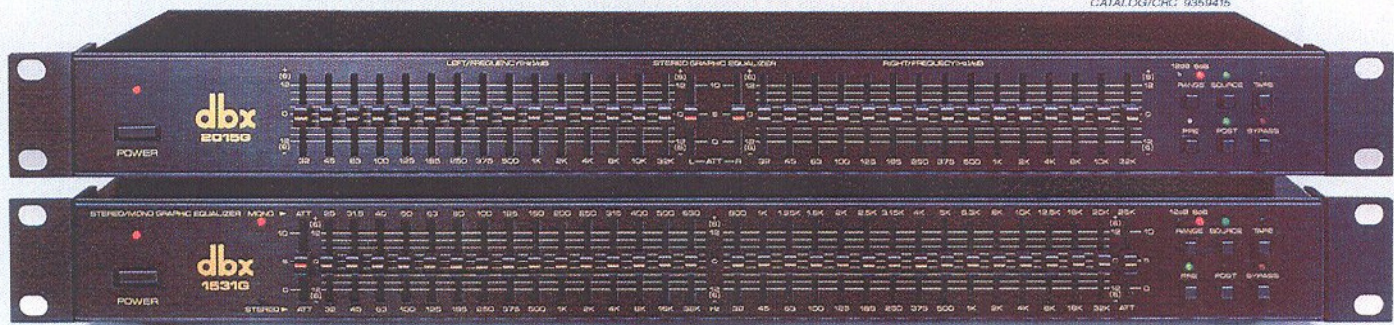
You can adjust each frequency over a ± 12 dB range or a finer ± 6 dB range. This, combined with super fine frequency intervals, gives you exceptional equalization capability and flexibility.

Moreover, there are separate output attenuators for stereo channels. Pre, post and bypass switches are also provided, each with an LED indicator, as are standard Pro phone-type in/outputs Jack for use with professional mixers and PA systems.



Pro phones in/outputs Jack Stereo/mono switch

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