



KFK

TEN BAND EQ



LIVE TO PLAY LIVE®

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KFK-1 Ten Band Graphic EQ

Congratulations on the purchase of your new **MXR KFK-1 Ten Band Graphic Equalizer**! MXR effects are chosen by players the world over for their bullet-proof construction and spectacular tone. The **KFK-1** was developed in conjunction with Slayer guitarist Kerry King, to his demanding specs and requirements. Please take a minute to read through this manual so you can get the most out of your **KFK-1** Ten Band EQ.

DESCRIPTION

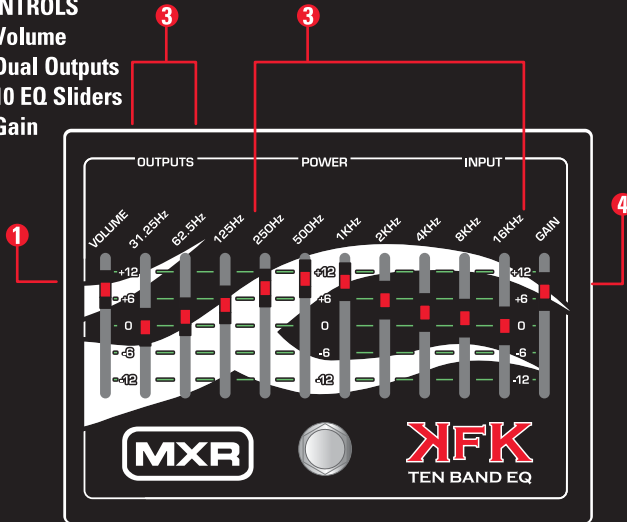
- 12dB of serious cut or boost
- Hardwire bypass
- Input Gain and Output Volume sliders
- Gain and Volume slider LEDs blink to indicate signal clipping
- Illuminated sliders for onstage carving
- Dual outputs for stereo applications
- 18-volt operation for twice the headroom of most EQ pedals
- Indestructible, die-cast zinc housing

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CONTROLS

- 1 Volume
- 2 Dual Outputs
- 3 10 EQ Sliders
- 4 Gain



SPECIFICATIONS

INPUT:	Impedance.....470K OHM Maximum level at 1kHz, All sliders at 0dB.....5.2Vrms (+14dBv)
FREQUENCY RESPONSE:	Sliders at 0dB20Hz to 20kHz ± 0.5 dB
FILTERING:	± 12 dB at: 31.25, 62.5, 125, 250, 500, 1K, 2k, 4k, 8kHz ± 12 dB shelf at 16kHz
OUTPUT:	Impedance..... <150 OHM Maximum level at 1kHz, All sliders at 0dB.... 5.2Vrms (+14dBv)
SIGNAL TO NOISE RATIO:-100dBv, A weighted
POWER DRAW: 25mA all LEDs on, 11mA all LEDs off

POWER

The MXR KFK-10 Ten Band EQ requires an ECB-04 18-volt power supply (included). The KFK-10 Ten Band EQ can also be powered by the DCB-10 (Dunlop DC Brick).

CONTROLS

Footswitch toggles effect on/bypass. Independent input gain and output volume sliders. Ten sliders provide up to 12dB of boost or cut at the most musical frequency centers (31.2Hz, 62.5Hz, 125Hz, 250Hz, 500Hz, 1kHz, 2kHz, 4kHz, 8kHz and 16kHz),

DIRECTIONS

To get a feel for how each EQ slider affects your signal, place all sliders at their 0dB (detent) position. Then, while playing, push each frequency slider to full cut, then boost, and then back to 0dB to hear the effect each frequency has on your tone.

The adjustment range of ± 12 dB provides approximately four times the output level at the selected frequency (or, conversely, four times the reduction). Also, the Gain slider provides a 12dB cut or boost before the EQ circuitry and the Volume slider provides a 12dB cut or boost after the EQ circuitry. This gives you a tremendous amount of control over not just the shape of your tone, but also the level of that tone. The Gain and Volume slider LEDs will blink if the signal level before or after the EQ circuitry is close to clipping. To achieve the best signal to noise conditions through the KFK-10, set the Gain to its highest setting without clipping and the Volume at the desired output signal level (without clipping).

Depressing the footswitch toggles the EQ in and out of bypass. When the EQ is active, all frequency sliders will have their red LEDs illuminated.

HELPFUL HINTS

The KFK-10 Ten Band EQ will allow you to shape the tonal characteristics of virtually any audio source including guitar, 4 or 5 string bass, keyboard, drum loops, and mixing consoles. Placing the KFK-10 before a distortion effect (or between your guitar and amp) will shape the harmonic content of the distortion.

Placing the KFK-10 after distortion (or in your amp's effects loop) will allow you to customize the overall distortion tone. Where you place the EQ in the signal chain will have a dramatic effect on how it shapes your sound, so experiment to find the placement that best suits your needs.

Because of its dual outputs, The KFK-10 is a great way to drive a two-amp setup with no signal loss. Plug into the KFK-10 as usual, then send one output to the input of one amp and the other output to the input of a second amp. This makes it easy to create a massive wall of sound on stage. It also enables you to explore many more tonal options in the studio, blending a clean amp with a distorted amp, or sending one half of your signal to an amp while running the other direct. No matter where you send your guitar tone, you know it will be loud, clear, and punchy thanks to the KFK-10's carefully chosen frequencies and superb signal quality.