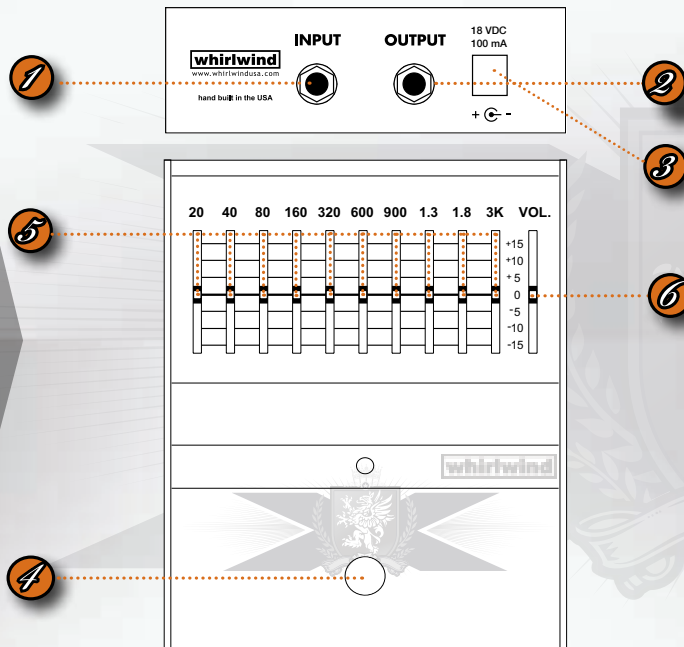




**TEN BAND GRAPHIC EQs**





**1: INPUT JACK** - Connect an electric guitar, acoustic guitar, keyboard or bass here.

**2: OUTPUT JACK** - Connect a cord out to your amplifier here.

**3: 18 VOLT INPUT** - Connect a 3.5 mm 18 Volt DC regulated supply, 100 mA capacity or greater with a center negative plug. The Whirlwind PS118EFX (included) is recommended for proper operation.

**4: ON/OFF FOOTSWITCH** - Engages and disengages the EQ effect. When engaged, the LED above the footswitch will illuminate and the fader LEDs will increase in brightness.

**5: FREQUENCY FADERS** - Each fader is marked with the center frequency that is controlled by that fader. Lower numbers represent bass like tones while higher numbers represent more treble like tones. When the fader is positioned at the center detent, that frequency is not being boosted or cut, it is "flat". Raising the fader above the detent position increases the level for that frequency while lowering the fader below the detent position reduces that frequency's level. The range of each fader is +/- 15 dB for the Bass Ten and +/- 12 dB for the Perfect Ten.

**6: VOLUME FADER** - Controls the over all volume of the output. The center detent is "unity gain", there is no volume boost or cut except for slight increase or decrease in volume due to boosting or cutting with the frequency faders. Raising/lowering the volume control provides a up to +/- 15 dB boost for the Bass Ten and +/- 12 dB for the Perfect Ten.

Unlike most graphic EQ effects, these circuits are designed to be "Constant Q", meaning that the width of frequencies on either side of the center frequency that are affected by the fader remains constant, regardless of how much that frequency is boosted or cut. This provides a more intuitive fader interface, giving you superior control when shaping your sound.

Refer to the accompanying diagrams for some suggested settings or run each fader from center to top to bottom while listening to your instrument to explore the wide range of adjustments possible.





### Warranty:

This product is warranted to be free of defects in materials or workmanship to the original purchaser for a period of 2 years from the date of purchase. Should warranty service be required, return the unit postage paid along with the original sales receipt to:

Whirlwind Music Dist., Inc.  
99 Ling Road  
Rochester NY 14612

Whirlwind will, at its option, repair or replace the unit. This warranty does not cover damage resulting from abuse, unauthorized modifications or use of the product in unintended applications.

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