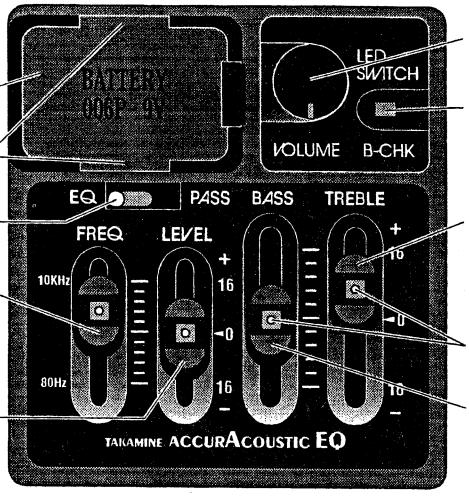
THE TAKAMINE ACCURACOUSTIC PREAMP
CREATE YOUR OWN CURVE.

Takamine GUITARS

AccurAcoustic preamp

#TP-0815

Basic Controls & Features



'Easy-Out' 9 Volt Battery Compartment

finger grips

EQ Active / Bypass Switch

Parametric EQ Frequency *Frequency range variable 80Hz-10KHz*

Parametric EQ Level Boost/Cut+/- *16db*

Retractable Volume Knob

Battery Check Switch

Treble Tone Adjustment *Shelving Control, +/- 16db*

Indicator LEDs for Battery Check

Bass Tone Adjustment *Shelving Control, +/- 16db*

ACCURACOUSTIC PREAMP FEATURES

1. The **'Easy-Out' Battery Compartment** makes changing the 9-volt battery simple. By releasing the 'latch' on the top of the compartment cover, the battery case slides out by grabbing the 'finger grips' on either side the cover. Position the 9-volt battery in the case as indicated by the + symbol, (on the latch side of the battery case).

2. The **Battery Check Switch** allows the player to quickly test the available 'power' of the user-installed 9-volt battery. The **Indicator LEDs** located in each slider knob will illuminate once the Battery Check switch is depressed. These will glow brightly when the battery is fully-charged or new. The LEDs will become noticeably dimmer as the battery's charge grows weak, thereby alerting the player that it is time to change the battery. For performing in dimly-lit areas, the Indicator LEDs can be turned on to make locating the slider controls easier. Depress the **Battery Check Switch** down until it locks. To turn off the LEDs, press down switch again to release

3. Guitar output volume, or *gain* is controlled by the **Volume** knob. Once a player's desired volume is set, this knob can be retracted into the preamp by pushing it down until it clicks. This feature prevents the player from accidently bumping the volume control out-of-position while playing, or losing a desired setting when moving the guitar from place to place. By simply pushing down the volume knob again, it will 'pop up' for easy adjustment.

4. Tone adjustment for the AccurAcoustic is divided into the three controls for acoustic guitar sound: two fixed frequency ranges: **Bass** and **Treble,** and a variable frequency range: **Parametric EQ**. The **Bass** and **Treble** sliders allow the player to increase, or decrease each frequency range (or *shelf*) 16 decibels, to enhance the deep or bright portion of the sound. The center of each slider is the 'zero point', and the user will hear no change in tone at this setting. By sliding each knob towards the +16 position, each tonal range (**Bass,** or **Treble**) will be enhanced respectively. By decreasing each knob towards the -16 position, each range will be reduced similarly.
The **Parametric EQ** controls allow more selective adjustment by 'sweeping' through the tonal frequency range. The player can boost a desired tone, remove an unwanted tone, or even help control feedback problems. By first bringing the Parametric EQ **Level** up above '0' (towards the +16), the Parametric EQ **Frequency** that is being boosted can be heard. By sliding the **Frequency** knob up or down, the player can locate (by ear); a desired tone to be boosted, or an unwanted tone that can be 'cut' (by lowering the **Level** knob below '0'). Also, tone areas sensitive to feedback can be located this way, and when found, can be 'cut', giving the player more gain without feedback problems.

For best sound performance, it is advised to think 'subtractively' when adjusting guitar tone. This means reducing the tone(s) that you do not desire *first*, then enhancing the tone(s) you *do* want from there. If all sliders are positioned on the minus (-) side of the zero point, this will make your output signal weaker. Conversely, if all sliders are positioned on the plus (+) side of zero, this will increase your output signal. Sliders pushed all the way to the +16 position may cause some sound distortion. Try to balance your chosen slider settings above and below the zero point.