
Technical Specifications TK-40D

Power Supply : 9 Volt

Pick-up input : Dual

Output : 200 mV

EQ Control :

BASS (60Hz) : $\pm 10\text{dB}$

MIDDLE(400Hz) : $\pm 3\text{dB}$ (Mid Switch OFF)

MIDDLE(800Hz) : $\pm 6\text{dB}$ (Mid Switch OFF)

MIDDLE(400Hz) : $\pm 13\text{dB}$ (Mid Switch ON)

MIDDLE(800Hz) : $\pm 8\text{dB}$ (Mid Switch ON)

TREBLE(10KHz) : $\pm 13\text{dB}$

Low Battery : 6.7 Volt

Notch Frequency : 65~105Hz

Current : 5mA (tuner on 18mA)

Auto chromatic Tuner

Tuning Range : C1(32.703Hz)~B7(3951.07Hz)

Accuracy : ± 1 Cent

Tuner auto off time : 3 minutes

Tuner switch : TUNER ON / OFF

Takamine
TK-40D
Preamp



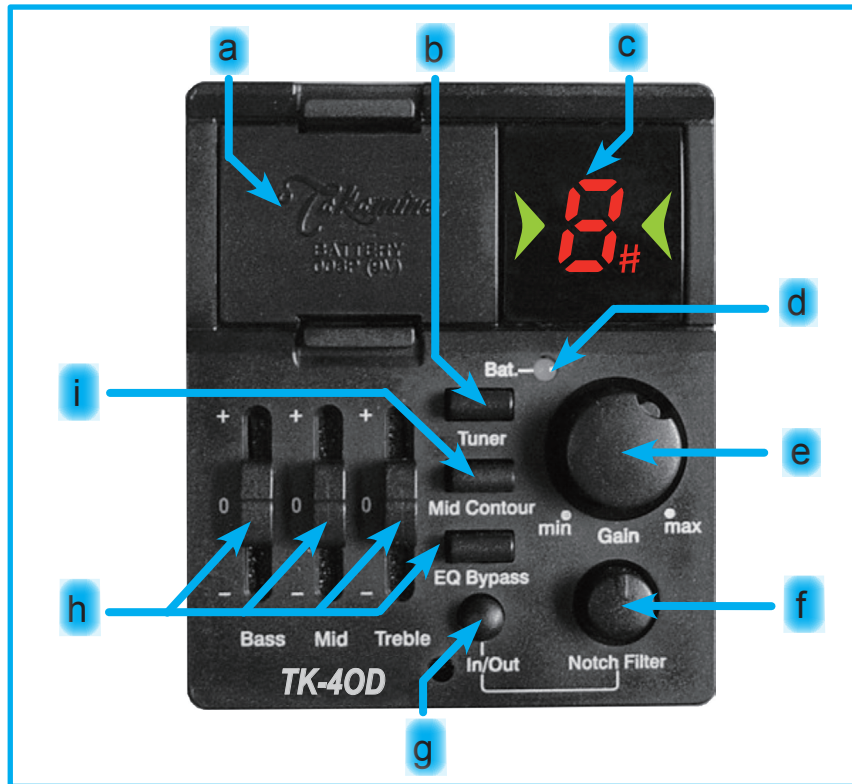
Owner's Guide

Get the Most from Your Guitar

The Takamine TK-40D acoustic guitar preamp is designed specifically for your Takamine guitar to provide the flexibility and control you need in almost any performance or recording environment. The no-nonsense approach to functionality results in an amazingly transparent, responsive, and easy-to-use preamp that will let you “dial in” your sound in moments.

The Anatomy of the TK-40D

The Takamine TK-40D preamp is designed to be easy to use, yet flexible enough any application. Please refer to the figure below which will provide you with an easy reference for the function and use of each control and feature.



a Battery Tray Releases: Pinching the tabs of battery cover toward each other to remove. This provides access to the battery compartment. When inserting new batteries align the battery's polarity with the markings inside the battery compartment.

b Tuner: This button controls the built-in tuner's on/off function. Simply press the button once to activate the tuner (even if the guitar is not plugged in) and the tuner display **c** will light. The sound will be muted when the tuner is in operation.

When you play a string the tuner will display the note name of the pitch you're playing. Then, simply adjust the pitch of your strings in the direction of the flashing left or right arrow to both sides of the chosen note.

As you approach the correct pitch, the flashing speed slows until you are in tune and both arrows illuminate in green.

To save battery power, the tuner will automatically turn off after about three minutes of operation and may be reactivated by pushing the tuner button again. If you finish tuning before the tuner automatically turns off, you may turn off the tuner manually by simply pressing the tuner button.

d Low Batt LED: A circuit within the TK-40D tracks the life of your battery. When your battery voltage becomes low enough to begin to affect the quality of your sound, this LED will illuminate.

e Volume: Turning this control clockwise increases the output level of the preamp.

f Notch Filter: This control allows you to tune a sharp built-in filter that will eliminate an undesirable feedback note. Push the in/out switch **g** to the down position to activate the filter if you experience acoustic “feedback.” Then tune the filter until the feedback disappears. The rich sound of your guitar will not be affected.

h EQ Controls: A three-band equalizer allows tonal adjustment with a maximum of 12dB of boost or cut in a designated spectrum. The “Low” controls works in the bass range, the “High” works in the treble range, while the “Mid” control will allow you to adjust the boost/cut at a mid band center frequency especially chosen to give the most appropriate harmonic control possible. The EQ Bypass switch, to the right, allows you to take the equalizer out of the signal processing chain for an unaltered “direct” sound, ideal for external equalization. The Mid Contour circuit, if selected, will remain active (see below).

i Mid Contour: This switch, when engaged, will activate a preset EQ curve that will offer a great starting point for “dialing in” your sound. All other EQ controls (unless bypassed) will still act normally in tandem with this circuit.