

User's Guide

Fishman Classic 4T™



FISHMAN®

www.fishman.com

Martin & Co.
EST. 1833

www.martinguitar.com

Classic 4T User's Guide

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The Classic 4T system installed on this fine instrument offers the quality sound and versatile tone shaping that you expect from Fishman. At the heart of the system is our classic equalizer which lets you zero in on the four key frequency bands for acoustic guitar. The Classic 4T system utilizes the Fishman Sonicore™ coaxial under-saddle pickup.

Setup

To Replace the Battery

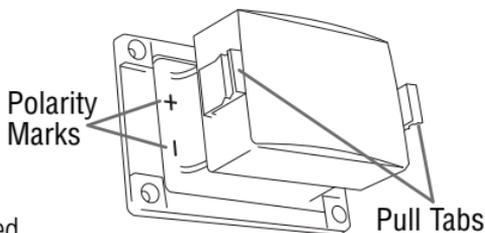
Pinch the two tabs at the top and bottom of the preamp, and pull the housing out to reveal the battery compartment. (illustration)

Install a 9-volt alkaline battery in accordance with the polarity marks on the case. (illustration)

You can expect 300 hours of continuous use. To conserve the battery, unplug the cord at the guitar when you are not using the system.

Endpin Jack

Plug a standard instrument cable from the endpin jack to a stage amp, a DI, or an unbalanced microphone input on a mixer. When they are plugged in, the preamp switches on. To conserve battery life, remember to unplug the endpin jack when you are not using the pickup system. It is a good idea to turn down your amp or mixer input before you plug into the endpin jack input. This will protect your speakers (and your ears) from loud pops.



Features

Low Battery Light

This light has two distinct functions:

1. Power Up Indicator

The Low Battery LED will flash briefly when you plug in your guitar. Some people ask us, "Why doesn't this light stay on, like a conventional pilot light?" We believe that a steadily lit LED devours too many precious hours of battery life. Since the light flashes briefly only when the unit turns on, battery power is conserved and battery life is extended.

2. Low Battery Warning

When the Low Battery LED lights steadily, it is time to change the battery.

3. Tuner

Depress the TUNER button to turn the circuit on and off. When the tuner is on, the output is muted. For your convenience you may turn on the tuner when the instrument is unplugged.

Note: *The tuner devours battery power, so remember to turn it off when you finish tuning.*

A ▼	Flashes when the note is below pitch
B ●	Lights when the note is in tune
C	
D ▲	Flashes when the note is above pitch
E	
F	
G #	Lights up when the note is raised 1/2 step

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Volume

For the cleanest signal, set the volume as high as possible without distorting your amp or mixer.

Bass

A boost here above the center detent will add depth and weight to the sound of the instrument. Move the bass slider below the center detent to tighten up a big and boomy tone.

Middle

More than any other control, the middle slider can affect the character of your instrument's tone. Typically, a slight mid cut, just below the center detent, will help bring out roundness in the bass and will unmask the treble. A deep midrange cut produces a "scooped out" tone that works well at high volume levels and can help to reduce feedback. Boost the mids for an "in your face" nasal quality, similar to electric guitar tone.

Treble

A boost here will help to "cut through the mix." Conversely, cutting the treble will mellow and subdue your amplified tone.

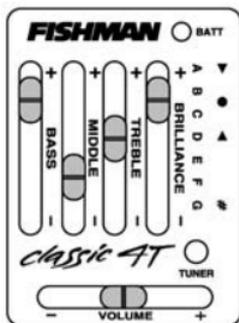
Brilliance

This slider can add shimmer and sparkle to your sound.

It zeros in on "extra crispy" high frequency tones, the realm of harmonics and acoustic string sound. Lowering the Brilliance slider can help to reduce finger noise and fret buzz.

Sample EQ Settings

Here are a few suggested settings for the Classic 4T:

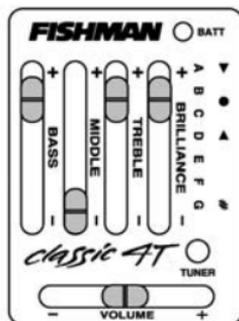


← Finger Style

This is a popular eq setting that emphasizes extreme bass and treble. This will add fullness to the bass and definition to the treble.

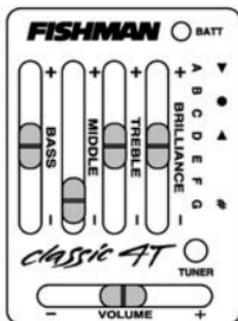
“Scooped” Mid →

This setting will reduce harsh midrange.



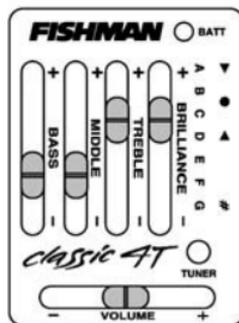
← Strummer

This is a good overall setting if you mainly strum the instrument.



Cut through the mix →

This setting is helpful when you need to be heard through a loud band.



Specifications

Nominal Input Level	-18dBV
Input Overload	-4dBV (20Hz- 20kHz)
Input Impedance	200M Ohm
Output Impedance	Less than 3.5k Ohm
Nominal Output Level	-6dBV
THD	Less than .04%, -18dBV input
Signal to Noise Ratio	77dB (A weighted, referred to nominal -18dBV input)
Current Drain	Less than 1.9 mA
Power Supply	9V alkaline battery (est 300 hrs continuous)
Bass Control	± 12 dB at 60Hz, ± 3 dB at 350Hz
Treble Control	± 12 dB at 10kHz, ± 3 dB at 2.4kHz
Middle Control	± 12 dB at 700Hz (3dB bandwidth at 1kHz)
Brilliance Control	± 9 dB at 10kHz (3dB bandwidth at 7kHz)

All specifications subject to change without notice.

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