

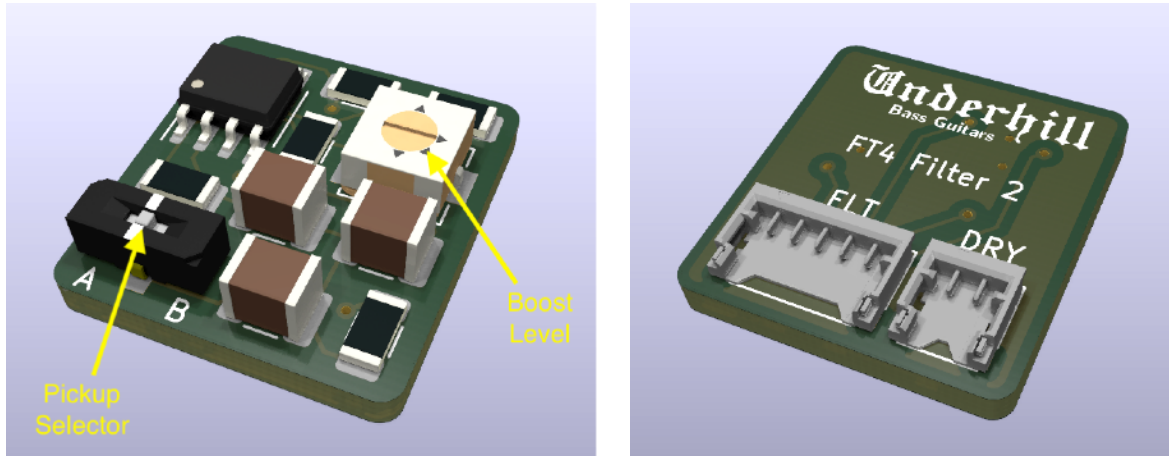
User Manual

FT5 Treble Boost Filter

Overview

The FT5 Filter is a fixed-frequency high pass filter that is designed to work with FS and FV series resonant low pass filters and the PD or PS preamp. It brings back the high frequency part of the signal when the filters are adjusted to low frequency ranges, enhancing the attack of the notes. When used with the PD dual preamp, An onboard micro-switch selects which pickup the treble signal is taken from, and a gain trimmer adjusts the treble boost level.

The filter is engaged and disengaged with a filter bypass switch connected to the PD or PS preamp.



Installation

The FT5 should be installed in the final filter position (filter M) on the PD or PS, though there is no technical reason you can't connect it to another position. On filter M, the boost will be applied to the signal after any other filtering and blending, which is usually what you want.

The FT5 filter uses a special two wire cable to get a dry (unfiltered) signal from the pickups. Connect the cable to the DRY connectors on the filter and the preamp.

Setup and Adjustment

On the PD Dual preamp, slide the micro-switch to A or B to select the source pickup (channel A is normally the neck pickup, and B is the bridge). With the PS Single preamp, the switch can be in either position.

When everything is working, set your FS or FV filter(s) to a low frequency, and engage the filter with the bypass switch. Adjust the boost level trimmer to the desired level.

Specifications

The FT5 filter has the following specifications.

Supply voltage	9-18V (supplied by PD)
Cut-off frequency	5 kHz
Boost Level	-1 to 10 dB
Idle Current	0.9 mA
Dimensions	16.5 x 16 x 6 mm

