

Claude's Bass Patches

Created on Axe-FX Ultra connected via AES/SBU to MOTU Traveler monitored on Beyerdynamic DT770 headphones at recording levels. These are not optimized for live playing, but I'd really like some feedback from anyone who plays them at volume and who would care to share their comments as far as possible adjustments.

I used this semi-homemade bass to create these patches.



Warmoth maple/ebony fretless slab that spent 15 years on my '64 P before it went away.
Hollow one piece ash body w/ maple cap from Guitar Mill
Q-Tuners
Telecaster 4-way wiring layout
Custom French Polish / Nitro rattlecan paint job by me.

With the input level control set to 11 on the Ultra there is no input clipping.
Levels are set below output clipping.

As with all patches created by others, some adjustments will probably be necessary.

Thanks in advance to all those folks, credited or not, who have taught me the subtle points of Axe programming. I have freely borrowed much from the FAS user community.

Envelope Controlled Input Filter

This helps clean up and tighten the low end. Should be the first block in the chain.

I use the same Envelope Controller settings for all the bass patches



It **will be** necessary to adjust the Threshold level to accommodate one's instrument and playing style. 56.7 works for me for my basses. YMWV.

1. Set the type to "Highshlf".
I set the gain to 2.2 for bass. 3.3 for guitar.



2. Attach the Envelope controller to the Frequency parameter.

I like these settings for the Parameter Modifier.



3. Adjust the offset to control the base frequency.
Smaller offset lowers...

Cabinets/ IRs/Blocking PEQ

I use dual cabinets in my patches for flexibility. I've found that a -6db level cut at the cabinet block helps keep an even gain structure. I use the cabinet level control to balance the two cabinets for effect. I left the blocking PEQs installed and bypassed.

For sharing purposes, I've dialed these patches using the stock IRs, except I also use an acoustic IR, currently *Taylor 314ce - Soundelux E47*, in USER 10 that came from the Fishman Aura collection posted by Shawnggee in this thread

<http://forum.fractalaudio.com/user-cabs-irs/29818-fishman-aura-irs-everyone.html>

for the semi-acoustic patches.

I included this IR in the zip archive since it seems to be in the wild already. If there's an IR of a nice acoustic bass available anywhere, please clue me in... TIA.

Effective ranges of EQ for Bass

40-80Hz ~ The true bottom end. Sub lows and "meat" of the tone on big speakers.

100-250Hz ~ Mud lives here. So does the body on small speakers.

800-1.5kHz ~ Articulation and "voice" lives in this area. Need more "speak" out of things, "point" on the front end of notes? Muck around in this area...

3-5kHz ~ Top of the effective range. Finger and string noise. Percussive 'pop' and 'skank' while slapping etc.

MultiBand Compressor

A little goes a long way. I like to squash the low band and then boost the level...

The Patches:

| | |
|----------------------|---|
| Bass Breathing | Filter with Q controlled by LFO |
| Bass Octave Divider | Octave Divider |
| Double Bass Fretless | Semi-acoustic |
| Flange Bass | Attach CC to LFO1 rate to control speed... |
| Modern Bass | Not sure how "modern" |
| One Of These Days | I'm Going To Cut You Into Little Pieces |
| Semi Acoustic Bass | Resonator + Acoustic IR |
| Shred Speaker Bass | Adjust drive before the cab for more cone torture |
| SV Bass | Simple amp + 2 cabs |
| SV Reso | Resonator |
| SVT Dual | 2 amps – One cranked a bit more than the other. |
| SVT | Additional Drive stage |
| Sweep Whammy Bass | Still needs a bit of something, it's a bit "clanky" |
| Synth Bass | Doesn't track all that well – needs more work. |
| Tube Preamp Bass | The basics |
| Twice Compressd Bass | Twice as squashed |