Boss vb-2. Bypass mode

by **Fallen_lassen** » 16 Oct 2014, 22:15

Oeh yeah my first topic. I hope it doesnt exist yet

I just watched the demo of the vb-2 and noticed. The mode switch provides three modes. Latch unlatch thos i understand
But the third is called bypass. And the Manuel states that that u use it when no vibrato is needed

Anyone got an idea. Why this mode exists?

Im still looking for a vb-2 so i cant test it

Fallen_lassen

Re: Boss vb-2. Bypass mode

by **Pepe** » 16 Oct 2014, 22:44

I'm very sorry - this topic has been discussed earlier. As far as I remember it, the VB-2 has a bit of disturbing noise in "Latch" mode which activates the vibrato effect when you press the pedal down, but keeps normal if you do nothing. So BOSS provided a "Bypass" mode which surpasses the effect to make silent operation possible - at the cost that the pedal doesn't do anything in this switch position.

BTW: this is one of the gearmanndude demos that suck big time. He received it from another musician for a demo and it was obvious that he didn't know what to do with it.

Pepe

Re: Boss vb-2. Bypass mode

by **charmonder** » 16 Oct 2014, 22:53

I wondered this before, turns out the signal is always running through the BBD chip in the other two modes!

charmonder

Re: Boss vb-2. Bypass mode

by **Clean Channel** » 16 Oct 2014, 23:25

Yep, Charmonder has it right.

The footswitch does not bypass the effect as you would expect in any other pedal. Usually the footswitch turns a flip-flop into the OFF state and FETs switch the bypass path ON and the effected path OFF. The footswitch in the VB-2 only kills the modulation in the effected signal path. When you have the pedal 'off' it's still fully processing the signal, just not modulating it.

The only way to get an actual bypassed signal out of the VB-2 is to use the "bypass" setting on the mode switch.

Clean Channel

Re: Boss vb-2. Bypass mode

by **Fallen_lassen** » 17 Oct 2014, 00:37

Well not a real new topic

But your answers are Being appreciated

The demo i saw was from the bosspedalproject guy

Fallen_lassen

Re: Boss vb-2. Bypass mode

by **Mark123** » 17 Oct 2014, 16:26

I had one for a while. I knew what the bypass switch was for, but I don't recall a difference being in bypass mode or just turned off. It was nice (esp. Unlatch mode, Pepe called it Latch, I think) but not useful enough to hang on to it. If you want to try what it sounds like, buy the Behringer clone, it sounds identical. But of course.. Nothing beats that blue color. Don't believe any stories about the stereo output of the CE-3 doing vibrato. Nowhere near when I a/b'd them. The flutter mode of PS-5 comes close but has an annoying peak when you press the pedal. Happy searching!

Mark123

Re: Boss vb-2. Bypass mode

by **Pepe** » 17 Oct 2014, 17:17

> *Mark123 wrote:*
> *Happy searching!*

Har, har! "Many" "thanks"!

Pepe

Re: Boss vb-2. Bypass mode

by **Fallen_lassen** » 17 Oct 2014, 23:42

Im not really searching. Its out my price league. But when i find one. Who knows

Fallen_lassen

Re: Boss vb-2. Bypass mode

by **Mark123** » 18 Oct 2014, 16:01

It's rediculously expensive for what it does. But nice to have owned and played one at least once. I got it cheap and sold it at a good (but fair) price to a professional player, so I can still enjoy it for free. .. I'll keep an eye out..

Mark123

Re: Boss vb-2. Bypass mode

by **Fallen_lassen** » 18 Oct 2014, 16:29

I see you have a dc-3 for sale, what did you think of that one. Is it worth the prize? Or should i try to Find a dc-2?

Fallen_lassen

Re: Boss vb-2. Bypass mode

by **Mark123** » 18 Oct 2014, 18:18

I liked the DC-2 a lot, preferred the DC-3 as it is more tweakable and cheaper (but different) but finally settled on an old analog CH-1 that I got for 20,- and in fact sounds great. Best Boss Chorus imo: CE-10 halfrack. But hard to stomp on.

Mark123

Re: Boss vb-2. Bypass mode

by **Mark123** » 18 Oct 2014, 18:32

.. RCE-10 that is

Mark123

Re: Boss vb-2. Bypass mode

by **The_Doc** » 22 Apr 2016, 21:19

Sorry to bring up this old thread but I've been wondering why the new VB-2W still has the bypass mode. I guess the reason is exactly the same.

The_Doc

Re: Boss vb-2. Bypass mode

by **Laurie** » 23 Apr 2016, 03:30

- Standard mode provides a true reproduction of the vintage VB-2 Vibrato sound
- All-analog circuit with BBD (bucket brigade) vibrato line
- Bypass mode takes the BBD out of the signal path to eliminate latency when the effect is off

Impossible to be sure without a schematic for the W, but it does look like they have used the old circuit... So, yes, I think likely the same reasoning.

Laurie

Re: Boss vb-2. Bypass mode

by **The_Doc** » 23 Apr 2016, 07:47

Thanks Laurie. Funny though because I've never noticed any noise with this pedal when it's switched off and I do wonder why they've bothered with the bypass mode. Perhaps my ears are finally knackered after all these years !

The_Doc

Re: Boss vb-2. Bypass mode

by **Mosher Zone** » 23 Apr 2016, 11:22

> *Mark123 wrote:*
> *Don't believe any stories about the stereo output of the CE-3 doing vibrato. Nowhere near when I a/b'd them.*

I've never had the vibrato but i do have the CE-3, where it may not come close to the original it still does a decent vibrato. The only other vibrato I've had is the Dod Vibrothang & the CE-3 imo does a better job.

Mosher Zone

Re: Boss vb-2. Bypass mode

by **Mark123** » 23 Apr 2016, 15:57

I guess if you could press the vb-2 circuit into bypass using the footswitch the unlatch mode wouldn't work (in which the footswitch is used to temporarily activate the modulation)

Mark123

Re: Boss vb-2. Bypass mode

by **The_Doc** » 23 Apr 2016, 16:41

I picked up a VB -2W today.

Hopefully, I'll have a play around tonight to see what is going on with the modes. I did try it briefly in the shop and to my surprise, I could still hear the effect in bypass mode ! Bear with me as I really think I need to work out what is happening

The effect sounded very good though.

The_Doc

Re: Boss vb-2. Bypass mode

by **The_Doc** » 23 Apr 2016, 22:35

Well, I spent the evening with it and I think I now know what is going on in the bypass mode.

It isn't about noise - it's to do with a very light kind of overdrive. There is a clear difference in tone when the pedal is OFF and the mode is set to bypass or not set to bypass.

With the mode set to bypass the sound is as though the pedal isn't there - as expected as the BBD chip is completely out of the circuit. With the pedal not in bypass mode but switched OFF, there is this slight overdriven feel as the signal goes through the BBD - no hiss or noise that I can hear. Now I get it

Moving onto the effect itself, I compared the 'S' mode with my VB-2 and they sound the same - nice job Boss Waza people

The 'C' mode is pretty good too and very usable. The modulation is richer and more defined. I was playing around with various chord fragments against a drone E and a delay set to 435 ms in a dark hall reverb and it was spaced out and atmospheric. I had a lot if fun with it and the new version has reawakened my interest in this old effect. I like it better for chordal stuff as I think I need to spend some more time with it to get lead stuff working as my own finger vibrato is screwing with the pedal

The_Doc

Re: Boss vb-2. Bypass mode

by **sciencefriction** » 07 May 2016, 23:18

The MIJ completist in me wants the VB-2, but going off your feedback the logical side says get a VB-2W-it's the same but more. Decisions.. I wonder if with time the VB-2W will affect the value of VB-2s.

sciencefriction

Re: Boss vb-2. Bypass mode

by **Kameel** » 19 Aug 2016, 00:59

So I bought a VB-2w Waza Craft and I can assure you the same noise is there as the old original VB2 even when the pedal is bypassed.
Especially in a live setting where your amp volume is set pretty high
Only time the noise is not there is when you turn the left dial on the "bypass" mode
the two other modes "latch & Unlatched" are noisy either when the pedal is on or off

Kameel