Boss OD-2R

by **mim#1** » 13 May 2014, 19:39

Hi folks, I recently aquired an MIT OD-2R after a 25 year haitus and I'm wondering why I ever stopped using it!
I'm writting to request a simple mod though. Is there a way to lower the volume a bit in turbo mode only?
I dont want to alter the tone,add bass or any of the more requested mods as this pedal sounds exactly like what I'm wanting to hear! I simply want to be able to use both modes live without such a drastic volume increase in the turbo mode. If its much more than just a resistor swap I'll probably pass cause I want to keep this one as close to stock/un-modded as possible.
Thanks in advance!

mim#1

Re: Boss OD-2R

by **Pieces Of The Night** » 13 May 2014, 20:00

Try an Od-2. It lacks the volume/gain boost that the Od-2r has in Turbo mode.

Pieces Of The Night

Re: Boss OD-2R

by **Pepe** » 13 May 2014, 20:03

Ha, that's funny! The OD-2R has been specially designed to have this volume boost in Turbo mode, thus making this mode better for solo work or chord shredding. OD-2 users modded their pedals to make it work just like that and some of them added a footswitch jack. With the OD-2R BOSS delivered exactly what the players wanted back then - and now you want to have it reversed! 😄

The OD-2R is a fantastic overdrive! For me it also has just the right tone that I couldn't find in other units. I don't know why BOSS stopped the production. The DS-2 Turbo Distortion lives on till today - and the OD-2R is the better one of the TURBOs in my opinion.

Pepe

Re: Boss OD-2R

by **Pieces Of The Night** » 13 May 2014, 20:06

I think if the DS-2 didn't have the Nirvana connection i think Boss would have done away with it. Most people who buy that people are people going for Kurt's sound.

Pieces Of The Night

Re: Boss OD-2R

by **Pepe** » 13 May 2014, 20:10

> *Pieces Of The Night wrote:*
> *Try an Od-2. It lacks the volume/gain boost that the Od-2r has in Turbo mode.*

But it also lacks the headroom that only the OD-2R provides. With the volume knob on maximum the OD-2 is as loud as an OD-2R with volume on noon position. The OD-2R also serves as a great booster because of that. I love kicking my HM-2's butt with it.

And good point with the Nirvana connection. The DS-2 isn't bad, though - but the OD-2R is terrific!

Pepe

Re: Boss OD-2R

by **mim#1** » 13 May 2014, 21:02

Yeah, I know I'm probably the only one who's asked about this on the OD-2R! But if I could just drop it a tad on turbo mode I'd be a happy camper. I still want a volume boost, just not a HUGE volume boost! Its fine in the bedroom, but through my cranked JC-120 it'll tear peoples heads off.
This pedal was my first gigging 'lead' pedal back in the early 90's and then I switched to an SD-2 for many years. Then all the MIB ,crunch Box,Govn'or clones etc. etc. So I've come full circle. I'm loving the clean headroom and

pleasing compression on the non-turbo mode with the gain around 9 o'clock, but you guys should hear it goosed by an EHX LPB 2ube...I'm having a eureka kind of day.

mim#1

Re: Boss OD-2R

by **rockstarforce** » 14 May 2014, 07:39

Imo OD-2r got are high gain with nice tone comparing DS-2 or DS-1 MIT as well
even OD-2 the R version more versetile with their turbo mode

rockstarforce

Re: Boss OD-2R

by **deancrean** » 14 May 2014, 14:56

> *Pieces Of The Night wrote:*
> *Try an Od-2. It lacks the volume/gain boost that the Od-2r has in Turbo mode.*

Agree with this! I don't have any problem getting th OD-2 to unity volume at band levels. I can see it being a problem if you want more then unity though. I will just use a boost anyways when I want more for soloing and prefer not to have a volume increase from my dirt pedals for rythym playing.

deancrean

Re: Boss OD-2R

by **mim#1** » 14 May 2014, 15:46

Well, I really dont want an OD2, and like the fact that channel one [turbo off] gets well beyond unity gain. Its just the dramatic difference in volume between both channels. I'm glad turbo on mode is louder,that makes sense. Its just a BIG volume jump.I also want to switch between both modes with an FS-5L, so that counts out the OD-2. Any way to back off the 'Turbo on' volume without going to the guitars volume knob?

mim#1

Re: Boss OD-2R

by **charmonder** » 14 May 2014, 16:48

Assuming this is an accurate trace of OD-2R, http://www.sugardas.lt/~igoramps/articl ... od_2r.gif ,
I think a reasonable guess would be to increase the value for R28, which is the last in line resistor for the turbo side of the circuit. I haven't tried doing this though, I'm just guessing, but I wonder if it will do the trick to just swap it out for 15k or 22k

charmonder

Re: Boss OD-2R

by **mim#1** » 14 May 2014, 17:07

Thanks! Thats the first OD-2R schematic I've seen. So R28 looks like it is the final link from the turbo mode to the rest of the circuit. Might be worth a try but I'll wait a bit to see if anybody else chimes in or confirms your hunch.

Actually, in Brian Wamplers book he points to R28 for "increasing the gain potential" by lowering it from 10k to 6k8. So by raising it you are correct in that it should lower the gain. But I dont really want to neuter the nice Marshally gain in that channel, just lower the volume a bit...
So does "gain" mean distortion or volume in this case?

mim#1

Re: Boss OD-2R

by **mim#1** » 15 May 2014, 14:57

Alright, success! It was R28 alright. First I popped an 18k in and it was exactly the same volume as the non turbo mode but still alot gainier. 15K was perfect, still a nice volume boost over the non turbo mode and retains its nice marshally break up. What a great pedal this is. Thanks for the help!

mim#1

Re: Boss OD-2R

by **Pepe** » 15 May 2014, 15:05

Great! Enjoy it!

Pepe

Re: Boss OD-2R

by **charmonder** » 15 May 2014, 15:23

nicely done! Glad to hear that worked out

charmonder