Boss TE-2

by **pitch shifter** » 17 Jun 2014, 21:27

The best new pedal Boss has come up with in the 21st century!*
I don't see much written about it in my lurkings here so I just wanted to give it some love. In fact, it's not even in the database yet.

*(especially if you factor out the ones that are just incremental improvements on prior releases ala DD-7).

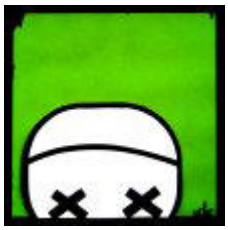
pitch shifter

Re: Boss TE-2

by **natthu** » 17 Jun 2014, 22:02

> *pitch shifter wrote:*
> *I don't see much written about it in my lurkings here...*

Maybe that's because it's not very popular?
If they'd come up with it five years ago it would have been ground breaking, but by today's standards it's nothing particularly pioneering.



natthu

Re: Boss TE-2

by **pitch shifter** » 17 Jun 2014, 22:23

I realize it's not popular.

What would have been different 5 years ago?

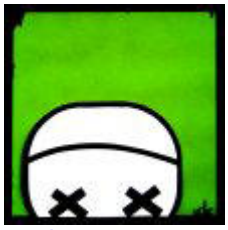
pitch shifter

Re: Boss TE-2

by **natthu** » 18 Jun 2014, 08:09

There's been a recent explosion of options. 5 years ago there were fewer pedal models available on the market (much much less so if you go back 10 years).

The TE-2 would have stood out a bit more back then, and would have been a fairly unique effect. Unfortunately there's a lot of new effects out now that make vaguely similar sounds.


natthu

Re: Boss TE-2

by **Fallen_lassen** » 18 Jun 2014, 10:08

I might be the only one. But i love my tera echo. ITS like three effects in one so when i Wanna travel light i take my te-2
Instead of rv-2 ph-1r and rc-2 plus rv-5. And in combination with the superego. ITS like ten stompboxes in two

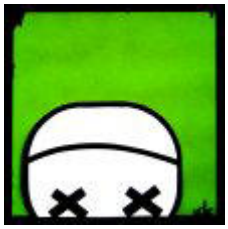
Fallen_lassen

Re: Boss TE-2

by **natthu** » 18 Jun 2014, 10:50

If only it were that simple... if you were able to tweak *all* the parameters in the TE-2 independently, I'd agree with you.
The reverb in the TE-2 is absolutely stunning, but you can't have the full effect without the annoying phaser squelch.

Hopefully the next reverb Boss release (if they ever do such a thing) will have a mode which emulates the TE-2 reverb without the phaser component.


natthu

Re: Boss TE-2

by **Fallen_lassen** » 18 Jun 2014, 10:58

Yes the tone Knob is always At zero and you have to play very soft to avoid the StarWars podracersounds.
I play very soft. Dreampop postrock like so for my setup iTS a Great addition

But with the decay And stime at zero and the tone open you can make really weird clancking(?) sounds.

Slowgear/superego like. And the freeze function is a Nice extra. Because the ehx freeze has a bad switchplopsound.

You have to adapt to the pedal Just like you do with a basssynth/bluebox effect.

I still love mine

Fallen_lassen

Re: Boss TE-2

by **sclitheroe** » 19 Jun 2014, 01:42

I like mine. It's fun. It's not practical. I've come up with more little riffs and licks with it on than I ever did off.

I like to run mine with the feedback at 3'oclock, and the s-time ever so slightly above minimum, tone around noon, and effect level at noon. It gives you an enormously deep reverb (like pacific ocean deep), and you can get a really interesting set of overtones going that seem to feed back on themselves and really jump out of the reverb murk. Bit hard to describe, but if you are skilled at working with drone notes (I'm not haha) I think you can do some really neat stuff with the pedal. I like running a TR-2 into it as well.

I'm fine with it not being popular; when I record a chart topping album with one, we'll see who chasing them down on ebay

I'm not familiar with other pedals that do what the TE-2 does Natthu - do you have some examples? The only one that comes to mind is that "Panda" reverb pedal - I can't remember the name of it, but I think its a deep ambient feebacking reverb?

sclitheroe

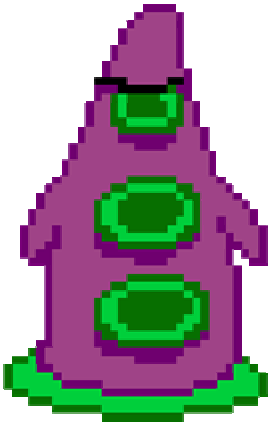
Re: Boss TE-2

by **Pepe** » 19 Jun 2014, 08:01

> *sclitheroe wrote:*
> *I'm fine with it not being popular; when I record a chart topping album with one, we'll see who chasing them down on ebay*

This pedal will become a vintage classic model in fifteen years. BOSS will stop the production in 2017 and in 2029 it will be THE sound that all musicians crave for. There will be 1:1 software simulations in 2030, but a used TE-2 will still have an average price of 375$. And, like always, BOSS refuses to produce the TE-2 again, although they could sell a few ten-thousand models in a fly.

So better start buying them NOW!



Pepe

Re: Boss TE-2

by **charmonder** » 19 Jun 2014, 15:13

I have some thoughts on what the sound actually is, there is still some mystique to it because I can't really pickout everything, this is just my best shot at an idea of what TE-2 does:

1) a multi tap delay,(maybe 8 taps) and also a few discretely separate delay lines.
2) each tap of the multi tap is spaced gradually further apart, so the earliest repeats are quick the latest repeats are longer. It creates the effect as though the trail seems to slow down but without affecting the pitch change.
3) the multi taps are not in the feedback path,
4) the last few repeats are separate delay lines set at a ratio to each other, if the one does quarter notes, the other does wholenote triplets. (pluck a percussive sound, press hold, notice the rhythm it creates)
5) all these delay times are changed when you spin the S time knob but the ratios remain exactly the same.
6) if you line up all the repeats early to late, it seems each one has it's own envelope filter/envelope phaser. The earlier repeats have a stronger resonance and higher frequency, each successive repeat has a gradually decreased resonance and lower frequency for it's envelope filter effect.

anyone can expand on that?

charmonder

Re: Boss TE-2

by **Fallen_lassen** » 19 Jun 2014, 20:49

Well Said. Charmonder It sounds indeed like an old tape delay with multiple heads. And the slowing down effect is hard to describe. It reminds me of the sounds of starwars episode 3. Podracer sound. I think they were using an algoritm like the tera echo. When no one is around sometimes i like to kick it hard. For scifi sounds. But when i play with my band. I always keep it lingering underneath a bath of reverb delay and fuzz. The hold/freeze function is indeed very Nice to create polyrhytmic loops

Thanks for your thoughts

Fallen_lassen

Re: Boss TE-2

by **pitch shifter** » 20 Jun 2014, 07:32

Interesting analysis, Charmonder.

I think this pedal is capable of more subtlety than it's given credit for. At the right setting it can lay into your sound quite nicely.

pitch shifter

Re: Boss TE-2

by **Fallen_lassen** » 08 Jul 2014, 18:08

It seems. Eqd. Has made the tera echo with extra controls. Earthquaker devices afterneath.

https://www.youtube.com/watch?v=WV8uHN6 ... e=youtu.be

Fallen_lassen

Re: Boss TE-2

by **Dirk** » 08 Jul 2014, 19:36

That is one crazy pedal, how about running them both?

Dirk

Re: Boss TE-2

by **Fallen_lassen** » 08 Jul 2014, 23:42

Yes please

Fallen_lassen