## Turning off auto on?

by **armandodiaz** » 25 Sep 2013, 13:56

I have a couple of Boss pedals (OC-3 and PS-6). Along with my other pedals, I have everything mounted on a board, with multi plug electrical adapter, then connected to a power strip. When I want to play I simply switch on the power strip, then the amp. When I start playing I notice strange sounds coming out of my amp, then it takes me a minute to realize my 2 Boss pedals are on. So I have noticed the default for these pedals is to be on when power is applied. Is there a way to program them so they don't automatically turn on?

Thank you,
Armando

armandodiaz

## Re: Turning off auto on?

by **Clean Channel** » 25 Sep 2013, 14:38

Hi Armando,

I feel ya. I have a few Boss pedals that do this as well, and for a long time found it really annoying. As far as I know, there's no way to rectify it. That said, there are some people on this forum with far more technical knowledge than me, so there's a chance they might have a mod to suggest.

In the end I've gotten used to it, and don't give it much thought any longer. Despite that, I'll keep tuned to this thread in case any solutions come up!

Clean Channel

## Re: Turning off auto on?

by **Laurie** » 25 Sep 2013, 14:53

For the DSP pedals like the ones you mention, this is a software function and can't be changed.

For older pedals there are mods...

Laurie

## Re: Turning off auto on?

by **armandodiaz** » 25 Sep 2013, 15:05

I guess this wasn't very well thought out by Boss. Who wants all their pedals on all the time. At the very least it should remember the last setting. I'm glad I only have 2 and not a whole pedal board full of Boss pedals. This would definitely deter me from purchasing any more Boss pedals.

armandodiaz

## Re: Turning off auto on?

by **Johnnyseven** » 25 Sep 2013, 16:15

This happens to me too. Normally my DD7, FZ2, OS2 and HM2 all turn on when power is fed into them - it makes a god awful clanging noise when you touch the strings, it's kind of cool though.

Johnnyseven

## Re: Turning off auto on?

by **armandodiaz** » 25 Sep 2013, 16:20

For the first minute, I always think my amp crapped out, until I realize the pedals are on.

armandodiaz

## Re: Turning off auto on?

by **Pepe** » 25 Sep 2013, 16:34

Hello and welcome to the forum!

If you read the manual for the pedals, they all say (at least I'm sure) that you should turn on your amp *after* you have powered the effects. Then you have enough seconds to realize which pedals are already on (this can also happen with true bypass pedals if you have forgotten to switch them off last time).

There's a common rule: the amp is the last thing that should be powered when you start and the first thing you should turn off when you are finished.

Pepe

## Re: Turning off auto on?

by **armandodiaz** » 25 Sep 2013, 16:40

I use a tube amp, so I usually turn on the power, for about 5 min so it can warm up. Once everything is on, I switch on the stand-by switch.

armandodiaz

### Re: Turning off auto on?

by **sclitheroe** » 25 Sep 2013, 19:45

Is it correct that the non-DSP pedals vary in whether they power up on or off? I seem to recall reading that for the non-digital stuff, it's basically a 50/50 chance whether the pedal powers up on or off, and will vary in the same model from unit to unit. That's what the mods do, right - guarantee that the latch circuit always initializes in the off state, rather than an undefined behavior?

sclitheroe

### Re: Turning off auto on?

by **Laurie** » 25 Sep 2013, 21:49

> *Sclitheroe wrote:*
> *Is it correct that the non-DSP pedals vary in whether they power up on or off? I seem to recall reading that for the non-digital stuff, it's basically a 50/50 chance whether the pedal powers up on or off, and will vary in the same model from unit to unit. That's what the mods do, right - guarantee that the latch circuit always initializes in the off state, rather than an undefined behavior?*

Correct. Not sure it's 50-50, but there is a probability split. The mod to pedals containing a flip-flop forces a power-up in the "off" state.

Laurie

### Re: Turning off auto on?

by **Monotremata** » 26 Sep 2013, 03:08

> *Johnnyseven wrote:*
> *This happens to me too. Normally my DD7, FZ2, OS2 and HM2 all turn on when power is fed into them - it makes a god awful clanging noise when you touch the strings, it's kind of cool though.*

Hah thats funny. Neither of my HM-2s do it but my PH-2 does.

Monotremata

**Re: Turning off auto on?**

by **Laurie** » 26 Sep 2013, 06:25

PH-2 can be tweaked to stop doing it.

Laurie

**Re: Turning off auto on?**

by **Johnnyseven** » 26 Sep 2013, 10:27

Sorry, I got this wrong - checking last night the HM-2 didn't come on with the others.

Johnnyseven

**Re: Turning off auto on?**

by **Guga Ramone** » 26 Sep 2013, 21:23

> *Laurie wrote:*
> *The mod to pedals containing a flip-flop forces a power-up in the "off" state.*

Is the mod simple, Laurie? Could you explain it better, please? Thanks.

Guga Ramone

**Re: Turning off auto on?**

by **Laurie** » 26 Sep 2013, 22:17

It's heavy reading, but this is the the place to start. The mod is described at the end of the article:
http://www.geofex.com/Article_Folders/bosstech.pdf

Laurie

**Re: Turning off auto on?**

by **Guga Ramone** » 26 Sep 2013, 22:49

That's nice! Thank you.

Guga Ramone

**Re: Turning off auto on?**

by **Brian_R** » 28 Dec 2014, 03:00

Ok, here's a question though:

Do ALL of the same model pedals (I'm thinking of my PH-3) turn on automatically when powered up or does someone know of variances in power up on/off status?

?

I know that sentence may be hard to read

Brian_R

**Re: Turning off auto on?**

by **Boogieman** » 30 Dec 2014, 17:25

Someone mentioned that his HM-2 does not come on on the initial power up. Mine does, along with my CE-2. However, I am used to it.

My ritual:

Once amp is turned on and still on standby, check pedalboard and kill any pedals that are on. When the amp is warmed up, turn off standby and adjust the amp knobs, then check tuning.

After I am done playing, I always turn all the knobs on my amp to zero before turning on standby. I don't know if it does anything to prolong the amp's life, but I just dislike the sudden thump coming from an amp because it was turned on with the voulme knob at 12. And I have been doing the same to my audio amp for as long as I can remember.

Boogieman

**Re: Turning off auto on?**

by **Fallen_lassen** » 30 Dec 2014, 18:09

Thats how i get by Power on. Click click click click clicketyclick and finally amp volume up

Fallen_lassen

## Re: Turning off auto on?

by **cctsim** » 05 Jan 2015, 03:46

> *Guga Ramone wrote:*
> *Is the mod simple, Laurie? Could you explain it better, please? Thanks.*

It can be done by changing only one resistor on the flip-flop circuit to imbalance it.

If you tell us which pedal you want to change the state I can point you to the resistor name and value.

This approach doesn't work though if the switching is done via DSP/FPGA chips.

cctsim