

How to Calibrate the AXiom PAE-2 for your preamp or overdrive pedal:

Set the PAE-2 to the following settings:

Feedback	Bias	PI Gain	Master	Atten	Rectifier	Tube	Power	Bias Type	Configuration
“NONE”	10	“1”	5	to taste	“STIFF”	“UL”	“100W”	“Fixed Bias”	“Push-Pull”

With the PAE-2 set to these settings, adjust the output of your preamp/pedal so the PAE is on the edge of light break-up.

Sample PAE-2 settings:

Amplifier ^a	Feedback	PI Gain	Rectifier	Tube	Power	Bias ^b	Bias Type	Configuration
Fender Champ 5F1 Tweed	2	89 to 100 ^c	10 (5Y3)	6V6	5W	3-4	cathode	single-ended
Fender Deluxe 5E3 Tweed	0	73 to 84 ^c	10 (5Y3)	6V6	15W	10	cathode	push-pull
Fender 5F6 Bassman (1959)	6.0	79	5 (GZ34)	5881 (6L6)	45W		fixed bias	push-pull
Fender Twin Reverb AB763 Blackface	7.5	74	3.5 (SS)	6L6	85W		fixed bias	push-pull
Fender Deluxe Reverb AB763 Blackface	2.4	84	5 (GZ34)	6V6	22W		fixed bias	push-pull
Vox AC30 Top Boost (1964)	0	47	5 (GZ34)	EL84	30W	5	cathode	push-pull
Marshall JMP 1959 (1968)	5.8	75	3.5 (SS)	EL34	100W		fixed bias	push-pull
Ampeg SVT (1970)	1	56	3.5 (SS)	6550 (6L6)	300W (100W)		fixed bias	push-pull
Marshall 1959 MkII (1973)	4.4	71	4 (SS)	6550 (6L6)	100W		fixed bias	push-pull
Marshall JCM800 2203 (1981)	3.2	85	3.7 (SS)	EL34	100W		fixed bias	push-pull
Dumble Overdrive Special (1997)	3.0	87	3 (SS)	EL34	50W		fixed bias	push-pull
Mesa/Boogie Dual Rectifier (1993)	0 to 7.5 ^d	80	2 (SS) / 6	6L6	100W		fixed bias	push-pull
Soldano SLO-100 (1996)	7.7	87 to 100 ^e	2 (SS)	6L6	100W		fixed bias	push-pull
Sunn Model T	6.9	66	2.2 (SS)	6550 (6L6)	100W		fixed bias	push-pull

^a The PAE emulates only the power amp section of these amps. Set your preamp accordingly.

^b BIAS settings in “Fixed Bias” mode are subject to taste but BIAS settings below ~5 may introduce cross-over distortion.

^c The lower PI GAIN setting corresponds to vintage output single-coil pickups and the higher setting to PAF style humbuckers.

^d Negative feedback in the Dual Rectifier varies with the model year and mode: *Generally*, Raw = maximum -ve fb, Vintage = moderate -ve fb, Modern = no -ve fb

^e Some later SLO-100 models sent a lower signal level into the power amp than earlier models - PI GAIN of 87 corresponds to those later models.