

BIAS AMP Models and Modeling References V1.3

Positive Grid®

BIAS AMP MODEL	CATEGORY	AMP BASED ON	DEFAULT SPEAKER / BIAS CABINET	SPEAKER & (CABINET BASED ON)	NOTES / DIFFERENCES
76 RC-120	Clean	ROLAND® JC-120	2x12 JAZZ CLEAN	ROLAND CUSTOM silver cone speakers (combo)	
BRITISH 900 CLEAN	Clean	MARSHALL® JCM 900	4x12 CELEST T-75s	CELESTION G12T-75 (MARSHALL 1960A OR B cabinet)	Same as late model JCM 800 cabinets model 1960, except the JCM 900 cabs are wired for 8 ohm stereo operation.
94 MATCH 30	Clean	MATCHLESS® DC-30	2x12 G12 GREEN 25	CELESTION G12M-25 Greenback (2x12 combo)	Real 2x12 COMBO has one CELESTION G12H-30, and one CELESTION G12M-25 Greenback
HIWAY 103 CLEAN	Clean	HIWATT® DR 103	4x12 HIWAY 4123	FANE model 122233 (HIWATT SE4123 cabinet)	
67 BLACKFACE DUO	Glassy	FENDER® TWIN REVERB	2x12 BLACK DUO	JENSEN C12n (2x12 combo)	Came originally with JENSEN C12n, Oxford 12T6 or JBL d120f
66 BRITISH TB 30	Glassy	VOX® AC 30/6	2x12 ALNICO BLUE	CELESTION G12 Alnico T530 (VOX AC 30/6 2x12 combo)	The correct speaker for the 1966 model would be the CELESTION G12 Alnico Silver T1088. The CELESTION G12 Alnico T530 "Blue" was used in the 1962-63 models. Blue T530 speakers were not used after April/May 1964 when they moved to the poly grey T1088.
65 BLACKFACE VIBRO	Glassy	FENDER® VIBROVERB	2x12 BLACK DUO	JENSEN C12N (2x12 combo)	1963 model had 2X10 Oxford speakers. 1964 model had 1X15 JBL or Jensen.
67 DUMBLE CLEAN	Glassy	DUMBLE® CLEAN	2x12 G12 GREEN 25	CELESTION G12M-25 Greenback (1x12 combo)	Combos came with EVM-12L or Altec-Lansing 417-8C 12-inch
AMERICAN BASS	Blues	FENDER® 59 BASSMAN	4x10 TWEED BASS	JENSEN P10R (FENDER 59 BASSMAN 4x10 cabinet)	Switched to JENSEN P10Q's in 1960
TWEED LUX	Blues	FENDER® 57 "TWEED" DELUXE	1x12 TWEED LUX	JENSEN P12R (1x12 combo)	Due to limited power handling, owners sometimes replaced it with the more powerful JENSEN P12Q.
MINI DUO REVERB	Blues	FENDER® MINI TWIN REVERB	1x12 BLACK LUX	JENSEN C-12Q (1x12 combo)	65 Fender Deluxe Reverb
64 BRITISH J45	Blues	MARSHALL® BLOCK LOGO JTM45 HEAD	2x12 G12 GREEN 25	CELESTION G12M-25 Greenback (2x12 combo)	CELESTION did not introduced the G12M (medium 35oz ceramic magnet, with a power handling of 20w) until March, 1965. It is the standard specification 75hz G12M guitar speaker. The models are T1221 (16 Ohm) & T1220 (8 Ohm). The T1221 was the stock speaker in Marshall lead guitar 4x12 cabinets from the mid 1960's right up until the early 1980's. It was also used by many other brands such as Laney and Orange. For the 2x12 combo, the correct speakers are CELESTION G12 Alnico T652s. The cabinet matching the head would be a Marshall 4x12 model 1960 with CELESTION G12 Alnico T652s. This speaker was the standard speaker used by Marshall until around late 1965, but can still be found in Marshall equipment sporadically into late 1966. Model numbers are T0652 (15 Ohm) & T0650 (8 Ohm). Cosmetic differences aside, the T652/T650 is basically the same speaker as the vox blue.

BRITISH PLEXI 50W	Crunch	MARSHALL® PLEXI 100	4x12 GREEN 25s	CELESTION G12M-25 Greenback (ORIGINAL MARSHALL 1960A OR B cabinet)	Marshall Lead 50w model #1987, or JTM-50. it is a 50w version of the Marshall Super Lead 100w #1959. CELESTION G12M 20's in the earliest Marshall 1960 model cabinets and G12H-25's in the Marshall 1982 model cabinets. Upgraded in 1968 to the G12M-25's in the Marshall 1960 model cabinets, and to the G12H-30's in the Marshall 1982 model cabinets.
BRITISH LEAD 800	Crunch	MARSHALL® JCM 800	4x12 CELEST V-30s	CELESTION G12 Vintage 30 (MARSHALL 1960AV OR BV cabinet)	This cabinet configuration was not made until 1986. before that, the JCM 800 cabinet 1960 model was loaded with CELESTION G12- 65's, and the 1982 model was loaded with CELESTION G12H-80's. In 1983, the 1960 model was upgraded to G12M-70's and the 1982 model was upgraded with G12H-100's. In 1985, the 1960 model was upgraded to G12T-75's and the 1982 model remained with with G12H-100's. The Marshal model 1982 cabinet was disscontinued in 1987.
HIWAY DR 103	Crunch	HIWATT® DR 103	4x12 HIWAY 4123	FANE model 122233 (HIWATT SE4123 cabinet)	
69 SUPER LEAD	Crunch	MARSHALL® SUPER LEAD	4x12 GREEN 25s	CELESTION G12M-25 Greenback (ORIGINAL MARSHALL 1960A OR B cabinet)	Marshall Super Lead 100w model #1959. CELESTION G12M-25's in the Marshall 1960 model cabinets, and the CELESTION G12H-30's in the Marshall 1982 model cabinets.
BRITISH ROCK 50	Hi Gain	ORANGE® AD 30	4x12 OR V-30s	CELESTION G12 Vintage 30 (ORANGE PPC412 cabinet)	
RB 101B	Hi Gain	BOGNER® ECSTASY	4x12 CELEST T-75s	CELESTION G12T-75 (MARSHALL 1960A OR B cabinet)	Real cabinet is a Bogner 412SL or ST, loaded with CELESTION G12 'VINTAGE 30'
SLO 100	Hi Gain	SOLDANO® SLO-100	4x12 GREEN 25s	CELESTION G12M-25 Greenback (ORIGINAL MARSHALL 1982A OR B cabinet)	Real cabinet is a Soldano 4x12 loaded with EMINENCE Legend V1216
MONSTER VH4	Hi Gain	DIEZEL® VH4	4x12 OR V-30s	CELESTION G12 Vintage 30 (ORANGE PPC412 cabinet)	Real cabinet is a Diezel V412F
5153 MK II	Metal	2002 PEAVEY® 5150 MKII	4x12 GREEN 25s	CELESTION G12M-25 Greenback (ORIGINAL MARSHALL 1982A OR B cabinet)	Real cabinet is a Peavey 5150 cabinet loaded with SHEFFIELD model 1200 5150 speakers
TRIPLE TREADPLATE	Metal	MESA/BOOGIE® TRIPLE RECTIFIER	4x12 TREADPLATE	CELESTION G12 Vintage 30 (MESA/BOOGIE 4X12 RECTO cabinet)	
MARK IIC+	Metal	MESA/BOOGIE® MARK IIC+	4x12 TREADPLATE	CELESTION G12 Vintage 30 (MESA/BOOGIE 4X12 RECTO cabinet)	Combo loaded with 1x12 ELECTRO VOICE EVM 12L. Only made between 1983 and 1985, so peroid correct cabinet best choice would be a Mesa Boogie split back 4x12, with ELECTRO VOICE EVM 12L's.
SLO SP-88	Metal	SOLDANO® SP-88	4x12 CELEST T-75s	CELESTION G12T-75 (MARSHALL 1960A OR B cabinet)	
FIRE	Insane	ENGL® FIREBALL 100	4x12 TREADPLATE	CELESTION G12 Vintage 30 (MESA/BOOGIE 4X12 RECTO cabinet)	Real cabinet is an ENGL E412
INSANE 5153	Insane	Morrow 5150	4x12 GREEN 25s	CELESTION G12M-25 Greenback (ORIGINAL MARSHALL 1982A OR B cabinet)	
POSITIVE INSANE	Insane	NA (Original)	4x12 TREADPLATE	CELESTION G12 Vintage 30 (MESA/BOOGIE 4X12 RECTO cabinet)	
POWER PLACE	Insane	ENGL POWERBALL	4x12 TREADPLATE	CELESTION G12 Vintage 30 (MESA/BOOGIE 4X12 RECTO cabinet)	Real cabinet is an ENGL E412
ACOUSTIC SIM	Acoustic	NA (Original)	Acoustic Sim	NA	

ACOUSTIC AMP	Acoustic	NA (Original)	Acoustic	NA	
KEYBOARD AMP	Acoustic	NA (Original)	2x10 BASS Pro	PEAVEY custom designed ceramic magnet 10" woofer (Peavey Headliner 210 2x10 Bass Cabinet)	
VOCAL AMP	Acoustic	NA (Original)	2x10 BASS Pro	PEAVEY custom designed ceramic magnet 10" woofer (Peavey Headliner 210 2x10 Bass Cabinet)	
BLUE LINE	Bass	1969 AMPEG® SVT®	6x10 BASS BLUE	6 AMPEG SVT Speaker model # 86-510-06, and 1 high frequency horn (Ampeg SVT-610HLF 6x10 cabinet)	The amp is based on 1969 Ampeg "Blue-Line" SVT head. The real speakers in the Ampeg SVT-610HLF 6x10 cabinet are most likely EMINENCE LEGEND BP102-4.
GK 800	Bass	GALLIEN-KRUEGER® 800RB	4x10 BASS GK	GALLIEN-KRUEGER model 082-0470-A (GALLIEN-KRUEGER 410MBE 4x10 cabinet)	10" GK Paragon cast-frame Neodymium speakers, made by Eminence.
BRITISH AD 20	Bass	ORANGE® AD 200	6x10 BASS BLUE	6 AMPEG SVT Speaker model # 86-510-06, and 1 high frequency horn (Ampeg SVT-610HLF 6x10 cabinet)	The real speakers in the Ampeg SVT-610HLF 6x10 cabinet are most likely EMINENCE LEGEND BP102-4. The proper matching cabinet for the Orange AD 200 head would be the Orange OBC810 8x10 bass cabinet. The speakers are custom designed EMINENCE LEGEND 32 Ohm ceramic speakers.
SUPER BASS	Bass	FENDER® SUPER BASSMAN	8x10 BASS SUPER	10" EMINENCE U.S.A. neodymium model 101017E(Fender Bassman Pro 810 NEO 8x10 cabinet)	Original Fender Super Bassman was a 100 watt head made from 1969 till 1971. The Super Bassman II was made from 1969 till 1972. The Super Bassman I and Super Bassman II name referred to the number of 2x15 cabs purchased. JBL D140F speakers where installed in the 2x15 fender cabinets. This amp is based on the 2012 Bassman Pro series of heads and cabs. The Super Bassman is a 300-watt tube head, and the cabinet is the Bassman pro 810 NEO 8x10 loaded with Eight 10" EMINENCE U.S.A. neodymium-magnet speakers and One-Compression Driver High-Frequency Horn.
			2x12 BRITISH 30	CELESTION G12 Alnico T530 (VOX AC 30 2x12 COMBO)	The CELESTION G12 Alnico T530 "Blue" was used in the 1962-63 models. T530 speakers were not used after April/May 1964 when they moved to the CELESTION G12 Alnico poly grey T1088.
			1x12 C-12K	JENSEN C12K (1965 Fender deluxe reverb 1x12 combo)	The JENSEN C12K is also used in the current 2x12 Fender Twin reverb and Deluxe Reverb reissue.
			4x10 P10Q	JENSEN P10Q (FENDER 1966 BASSMAN 4x10 cabinet)	During early 1960, Fender began producing the 5F6-A Bassman with JENSEN P10Q speakers. The P10Q JENSEN speakers are more able to manage stronger electrical input power and generate better "clean" output sounds than previous installed P10R speakers.
			2x12 VIBRO	CELESTION G12 Vintage 30 (Fender Vibro-King VK-212B)	The Vibro-King 212 is designed as an extension cabinet for the Fender Vibro-King Custom guitar amplifier.
			4x12 1965A	CELESTION G10L-35 (MARSHALL 1965A OR B)	The Marshall model 1965 is a 4x10 cabinet, not a 4x12. It was made in the 1980's.
			2x12 CHROME	VHT 12 In. ChromeBack Speakers (VHT AV-SP-212VHT)	VHT Special 6 212 2x12 Open-Back Guitar Speaker Cabinet with VHT ChromeBack Speakers. Designed to be paired with the VHT model AV-SP-6H, Special 6 Head.
			2x12 ORANGE	CELESTION G12 Vintage 30 (ORANGE PPC212)	Standard Orange 4x12 cabinet
			4x12 THRASHER	CELESTION G12H-100 (RANDALL THRASHER 4x12)	Standard Randall 4x12 cabinet

			4x12 LEGEND	EMINENCE Legend V1216 (SOLDANO 412)	Standard Soldano 4x12 cabinet
			4x12 ENG	CELESTION G12 Vintage 30 (ENGL E412)	Standard Engl 4x12 cabinet
			2x10 BASS PRO	PEAVEY custom designed ceramic magnet 10" woofer (Peavey Headliner 210 2x10 Bass Cabinet)	

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