







AmpliTube Speaker & Cab Models¹

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Document Version Date: 02 July 2020

All “based on” identifications should be “taken with a grain of salt”. Many physical speaker models were produced in variant forms that could have noticeably different tonal characteristics. It may be that some speaker models represent a somewhat idealized version of a given speaker type (rather than any specific physical speaker). In many cases, it seems like AmpliTube speaker models may often tend to be based on modern/reissue physical speakers (where these exist) rather than original/vintage speakers.

Speaker Model	Model Icon ²	Based on?	Speaker Image ³	Used by default in			Notes ⁴
				AmpliTube Cab Model	AmpliTube Identification	AmpliTube Cab Menu Group	
American 12C		Jensen C12Q (40w)		'57 Deluxe ⁵	Fender® '57 Deluxe® 1x12	Fender	Well rounded, straightforward tone with a lot of mid bite and bright highs.
American 12K		Jensen C12K (100w)		1x12 Open Vintage	Fender® DeLuxe® 65	Guitar 1x12”	Heavy on the mids, with a solid, straightforward tone. When presented with overdrive distortion it powers through with lows that are bold and heavy.
				'65 Deluxe Reverb	Fender® '65 Deluxe Reverb® 1x12	Fender	
				'65 Twin Reverb	Fender® '65 Twin Reverb® 1x12	Fender	
American Alnico		Jensen P12Q (40w)		2x12 Open Vintage ⁶	Vox® AC30™ Top Boost Equipped with Jensen® Blue Back 2x12	Guitar 2x12”	Very warm, mid-focused bite with clear, bright highs. When presented with overdrive distortion the P12Q remains well-balanced.
				'57 Deluxe ⁵	Fender® '57 Deluxe® 1x12	Fender	

¹ AmpliTube is a registered trademark, property of IK Multimedia Production. All other trademarks are the property of their respective owners.









² Based on screenshots from AmpliTube 4, version 4.9 (9H09) running on macOS Mojave.

³ Images of speakers are based on, where possible and available, images hosted on the Web sites of their manufacturers. Otherwise, speaker images are taken from various Internet-based resources.

⁴ Information in the Notes column is copied from various online sources, including manufacturer web-sites and user forums. Sometimes the original text has been edited for clarity.

⁵ If you switch to the '57 Deluxe from another cabinet model, it seems that it is loaded with the American Alnico speaker models (based on the Jensen P12Q) by default. However, some stock presets associated with Fender amp models load the '57 Deluxe preconfigured with American 12C speaker models.








⁶ If you switch to the 2x12 Open Vintage from another cabinet model, it seems that it is loaded with the American Alnico speaker models (based on the Jensen P12Q) by default. However, all the stock presets associated with the British Tube 30TB amp model (based on the Vox® AC30™ Top Boost - Blue Panel) load the 2x12 Open Vintage preconfigured with Brit Alnico B speaker models.

Speaker Model	Model Icon ²	Based on?	Speaker Image ³	Used by default in			Notes ⁴
				AmpliTube Cab Model	AmpliTube Identification	AmpliTube Cab Menu Group	
American Bulldog		VHT G-100-E (16Ω)		1x12 Open Modern	VHT® Pitbull® 1x12	Guitar 1x12"	
Brit 75		Celestion G12T-75		4x12 Closed 75 C	Marshall® 4x12", G12 75	Guitar 4x12"	<ul style="list-style-type: none"> First introduced in 1985 (as a new version of the G12M-70), the G12T-75 has become the most common Celestion speaker of all. https://celestion.com/product/15/g12t75/: Built to meet the demands of high gain amplifiers, the G12T-75 combines a huge, tightly controlled low-end and aggressive mid-range with a softened top-end that adds a welcome sweetness to overdrive, distortion and aggressive upper harmonics. More mid-scooped. Solid bottom end at low and moderate volumes and tight highs. Less high-frequency emphasis (than the G12-65). Delivers a great rock and roll bite that is crunchy yet smooth when used with a master-volume-style Marshall or higher gain contemporary amp.
				4x12 Brit 9000	Marshall® 1960A Lead Vintage 4x12" Slanted, T75	Classic Brit Collection	
				4x12 Brit Silver	Marshall® 2551A 4x12" Slanted, T75	Classic Brit Collection	
				Satch 60	Marshall® 1960B cabinet with 4 x12 G12T-75 Celestion speakers	Joe Satriani	
Brit 80		Celestion G12-80 ⁷		4x12 Closed Modern 1	Marshall® 4x12 '80s 1982A	Guitar 4x12"	Produced from 1978-1979, the G12-80 was a reworked version of the G12H 30w; similar in tone, but with more bottom end and less treble, retaining the strong punch and a lot of volume. ⁸
				4x12 Modern M 1/2/3	Marshall® 4x12" JCM800 1/2/3	Guitar 4x12"	
				4x12 Red Pig	Marshall® Major 4x12" Slanted, T75 ⁹	Classic Brit Collection	
				4x12 Brit 8000	Marshall® 1960 Lead Vintage 4x12" Slanted, G12-80	Classic Brit Collection	
Brit 100		Celestion G12K-100		MH-412SL	Fender® MH-412SL 4x12" Closed Back	Fender	<ul style="list-style-type: none"> MH-412 speakers were designed to complement the Fender Metalhead MH-500 amplifier, but they can be used with any professional quality instrument amplifier. A massive bottom-end, rock-hard mid-range, and restrained top-end make this the perfect guitar speaker to add thump and grind to modern high-gain tones.









⁷ It is also possible that the Brit 80 is based on the Celestion Classic Lead (80w), though the speaker model icon looks more like a G12-80 (and thus that identification is adopted here as most likely). Nevertheless, the G12-80 and Classic Lead are similar, the latter being a natural evolution of the former (which had a relatively short production life). The Celestion Web site (https://celestion.com/product/18/classic_lead/) characterizes the Classic Lead as having: *tightly controlled low-end, with strong high bass/low mid punch, aggressive mid-range attack and a powerful yet controlled top-end. For power chords it has the tone to make its presence felt but the subtle high-frequency roll-off makes it ideal for solos, able to project single notes on loud stages without becoming shrill.*

⁸ A bass version of the G12-80 was found on the Marshall 1982A/B cabs from around 1978 onwards.

⁹ The inclusion of "T75" in the official AmpliTube description of the **4x12 Red Pig** cabinet model, implying Celestion G12T-75 speakers is confusing, since these speakers did not enter production until after Marshall Major amplifiers had been discontinued. By default, the **4x12 Red Pig** cab model actually uses the **Brit 80** speaker model, which itself probably models a Celestion G12-80, which likewise post-dates the production run of Marshall Major amplifiers. Most likely, Marshall model 1982 cabinets intended for use with Marshall Major amplifiers used G12H T1281 30w 55Hz speakers (with Pulsonic 102-014 bass cones), for which no AmpliTube equivalent currently (November 2019) exists. Note that the G12H Anniversary speakers sound noticeably different – clearer and brighter – than original/vintage G12H speakers; see, for example, the comparison at <https://youtu.be/vMECXSEsfHY>.

Speaker Model	Model Icon ²	Based on?	Speaker Image ³	Used by default in			Notes ⁴
				AmpliTube Cab Model	AmpliTube Identification	AmpliTube Cab Menu Group	
Brit Alnico B		Celestion G12 T530 (Alnico) Blue		2x12 Open Vintage ⁶	Vox® AC30™ Top Boost Equipped with Jensen® Blue Back 2x12	Guitar 2x12"	<ul style="list-style-type: none"> Dampened attack, warm lows, mellow upper-mids, and brilliant bell-like top-end. When coupled with a suitable amplifier it evokes rich definition and develops beautiful musical compression when pushed. Famous for its sweet, rich, and musical mids, appealing highs, slightly rounded low-end response, and plenty of aggression when pushed
Brit Alnico G		Celestion Gold (Alnico)		2x12 Z Wreck	Dr.Z® 2x12	Dr.Z	Over time, the high frequencies of a Blue soften and become less chalky as the cone becomes more flexible - a much sought after characteristic that the Gold exhibits straight out of the box. Also present in the Gold sound from the outset is an added warmth and complexity in the midrange which, coupled with the classic Alnico qualities of a laid-back attack, rounded low end, and brilliant bell-like highs, deliver huge rhythmic voicings and saturated vocal lead tones.
Brit Alnico S		Celestion G12 T652 B025 or Goodmans Audiom 60	 	2x12 Gry British Vint	Vox® AC30™ 2x12" '60s Graybacks	Guitar 2x12"	<ul style="list-style-type: none"> The official AmpliTube description of the 2x12 Gry British Vint as modeling "'60s Graybacks" is not particularly specific.¹⁰ At present (November 2019), there seem to be two main possible identifications of the Brit Alnico S: <ul style="list-style-type: none"> Goodmans Audiom 60: In <i>Great Guitar Tone with IK Multimedia AmpliTube</i> (2012), author Michael Ross claims that the 2x12 Gry British Vint cab "models the Goodmans Audiom 60 speakers that Vox used before switching to Celestions" (p. 68). The Goodmans Audiom 60 is characterized as having <i>lots of spank and early breakup, but with that unmistakable Alnico tone and a great chime-y top end that is not harsh.</i> Celestion G12 T652 B025: The graphic design of the speaker model icon in AmpliTube 4 very closely resembles that of a Celestion G12 T652 B025 (the letters "G12" are readily distinguishable on the GUI image at larger image sizes), even though these were not used in Vox AC30 combos. The T652 was this speaker was standard in all early Marshall speaker cabinets and combos up to around late 1965 (and at least sporadically into 1966). The T652 is said (http://www.bygonetones.com/vintage-celestial-alnico-g12-models.html) to be "basically the same speaker as the Vox Blue" speaker, which itself is most likely represented by AmpliTube's Brit Alnico B speaker model. However, in AmpliTube, the Brit Alnico B and Brit Alnico S sound quite different. The author of this guide lacks sufficient experience with real vintage Goodmans Audiom 60 and Celestion G12 T652 B025 speakers to make a well-informed decision based on tone regarding which physical speaker the Brit Alnico S most closely resembles.



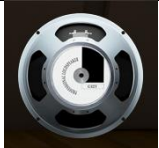



¹⁰ The term "greyback"/"grayback" commonly refers to G12M or G12H speakers from the early 1970s (not 1960s) that were produced with grey (instead of green) magnet covers; "blackbacks" and "creambacks" were also produced at that time whenever Celestion ran out of green magnet covers.

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				AmpliTube Cab Model	AmpliTube Identification	AmpliTube Cab Menu Group	
Brit Anniversary 1		G12H (70 th) Anniversary ¹¹ 30w, 8Ω ¹²		1x12 MAZ 18 Jr.	Dr.Z® 1x12	Dr.Z	https://celestion.com/product/17/g12h_anniversary/ : With a strong, aggressive low-end and powerful low-mids, the G12H penetrates any mix with an attacking upper mid-range and an ice-cool top-end. Used singly or in quartets it provides serious attitude to soft amp tones, easily cutting through loud stage levels for chord work, and imparting a hard edge to single notes. A favorite in the 'boutique' amplifier market, the G12H guitar speaker is often used on its own or paired with a Celestion Blue or Gold for a full-bodied sound that adds ceramic attitude to the chime of an Alnico speaker.
Brit Anniversary 2		G12H (70 th) Anniversary 30w, 16Ω		1x12 Tiny Terror	Orange® Tiny Terror™ 1x12” Combo	Orange	https://celestion.com/product/17/g12h_anniversary/ : With a strong, aggressive low-end and powerful low-mids, the G12H penetrates any mix with an attacking upper mid-range and an ice-cool top-end. Used singly or in quartets it provides serious attitude to soft amp tones, easily cutting through loud stage levels for chord work, and imparting a hard edge to single notes. A favorite in the 'boutique' amplifier market, the G12H guitar speaker is often used on its own or paired with a Celestion Blue or Gold for a full-bodied sound that adds ceramic attitude to the chime of an Alnico speaker.
Brit Darkness		Celestion “Black Shadow” (Mesa/Boogie) C90 (or MC-90) (90w)		2x12 TransAtlantic TA30	MESA Boogie® TransAtlantic® TA-30 Combo	MESA Boogie	<ul style="list-style-type: none"> Tight and controlled low-end, with strong high bass/low mid punch, aggressive mid-range attack, and a singing top-end. Based on Celestion Classic Lead 80?
Brit Green		G12M Greenback 25w 75Hz		2x12 Closed Vintage	Marshall® 1922 2x12 Greenbacks	Guitar 2x12”	<ul style="list-style-type: none"> The original G12M T1221 was the stock speaker in Marshall 1960 4x12 model cabs from the mid-1960s until the late 1970s (and was also used by many other amp/cab manufacturers during the same period). The G12M was out of production for a few years in the 1980s but reissued late in the decade. It is perhaps as likely as not that the AmpliTube model represents <i>modern/reissue</i> speakers. Modern variants of the G12M include the “Classic” series model (25w), the “Heritage” series model (20w), and, arguably, the G12C (used in the Marshall’s Modern Vintage 425A/B and 1982A/BJH cabs). About the current “Classic” series G12M, the Celestion Web site (https://celestion.com/product/16/g12m_greenback/) says: <i>Voiced with additional broad mid-range attack and restrained top-end to give a forward, punchy attitude to chords and a searing lead tone without fizz.</i> Despite the description of the Satch Green cab model as to based on a 1969 Marshall 1960A with “20 watt greenbacks Celestion speakers”, it uses the same Brit Green speaker model (perhaps more close approximating the 25w variant) as the other cab models listed here.
				4x12 Closed 25 C ¹³	Marshall® 4x12”, Greenbacks	Guitar 4x12”	
				4x12 Closed Vintage 1/2	Marshall® 4x12 Angled, '70s Greenbacks	Guitar 4x12”	
				4x12 Vintage M 1/2	Marshall® 1960 4x12” 1/2	Guitar 4x12”	
				Satch Green	'69 Marshall® cabinet with 4 x12 20 watt greenbacks Celestion speakers	Joe Satriani	

¹¹ It should be noted that the G12H Anniversary speakers seem noticeably different – clearer and brighter – than original/vintage G12H speakers; see, for example, the comparison at <https://youtu.be/vMECXSesfHY>.

¹² In AmpliTube, the Brit Anniversary 1 and 2 appear to be distinguished principally by color: the 1 is given a silver basket while the 2 is given a bronze basket. Although the Brit Anniversary 1 and 2 also appear to represent, respectively, 8Ω and 16Ω variants of the same speaker, it is not clear that all Celestion G12H Anniversary speakers are necessarily colored in this way according to their ohm rating. The Celestion Web site simply shows a single bronze-basketed speaker image and notes that both 8Ω or 16Ω variants are available.

¹³ Although the 4x12 Closed 25 C cab model was originally part of a Hendrix bundle, it uses the **Brit Green** speaker models, which appear to be based on (quite possibly current/reissue) Celestion G12M Greenback speakers (i.e. https://celestion.com/product/16/g12m_greenback/). Nevertheless, in popular lore, Hendrix is most commonly associated with a different speaker: the G12H T1281 (originally) 25w (later 30w) 55Hz speaker, for which no AmpliTube equivalent currently (November 2019) exists. Note that the G12H Anniversary speakers sound noticeably different – clearer and brighter – than original/vintage G12H speakers; see, for example, the comparison at <https://youtu.be/vMECXSesfHY>.

Speaker Model	Model Icon ²	Based on?	Speaker Image ³	Used by default in			Notes ⁴
				AmpliTube Cab Model	AmpliTube Identification	AmpliTube Cab Menu Group	
Brit Silver		Celestion V12-60 8Ω, Silver Series		E 412 Standard	Engl E 412 Standard	ENGL	<ul style="list-style-type: none"> Made by Celestion specifically for ENGL; created as part of the budget Silver Series to be the “poor man’s” Vintage 30. Smoother and darker than the Vintage 30, with a little more low-mid-punch. Slightly mid-scooped; bass is quite tight; treble is bright but not harsh; a more modern, higher gain-tone speaker.
Brit T12G		Celestion G12T, 4Ω, Valvestate		1x12 Combo	Marshall® Valvestate® 1x12	Guitar 1x12”	<ul style="list-style-type: none"> Used in 1990s Marshall Valvestate models. Possibly a version of the G12T-75 (=Brit 75).
Brit V1		Vintage 30, 16Ω, Mesa/Boogie custom, made in England.		2x12 Rectifier Horizontal	MESA Boogie® 2x12 Recto™ Horizontal	MESA Boogie	
Brit V2		Vintage 30, 8Ω, 60w Mesa/Boogie (custom speaker), made in England.		4x12 Closed Modern 2	Mesa/Boogie® 4x12 Rectifier™	Guitar 4x12”	Brighter, more nasal tone (than Brit V1).
				4x12 Metal T 1/2/3	Mesa/Boogie® 4x12” Rectifier® 1/2/3	Guitar 4x12”	
				4x12 Recto Traditional Slant	MESA Boogie® 4x12 Recto™ Traditional Slant	MESA Boogie	
Brit V3		Vintage 30 Marshall 70w		1960AV SL	Slash-Marshall® 1960AV™ Cabinet	Marshall - Slash	Darker mid-range tone (than Brit V1).
				1960BV SL	Slash-Marshall® 1960BV™ Cabinet	Marshall - Slash	
Brit Vintage 8		Vintage 30, 8Ω, Celestion 60w, made in China.		E 412 PRO XXL	Engl E 412 PRO XXL	ENGL	
				Super-Sonic	Fender® Super- Sonic™	Fender	
				2x12 PPC 212	Orange® PPC212 2x12”	Orange	
				2x12 PPC OB	Orange® PPC212 2x12” Open- Back	Orange	
				2x12 AD 30	Orange® AD30TC™ 2x12” Combo	Orange	

Speaker Model	Model Icon ²	Based on?	Speaker Image ³	Used by default in			Notes ⁴
				AmpliTube Cab Model	AmpliTube Identification	AmpliTube Cab Menu Group	
Brit Vintage 16A		Vintage 30, 16Ω Celestion 60w, made in China		1x12 PPC 112	Orange® PPC112 1x12"	Orange	Enormously detailed and complex overtones, a warm low-end, a famously rich vocal mid-range and a beautifully detailed top-end.
Brit Vintage 16B		Vintage 30, 16Ω, made in UK.		4x12 Brit 30	Marshall® 1960A Lead Vintage 4x12" Slanted, V30	Classic Brit Collection	
				4x12 PPC 412 ¹⁴	Orange® PPC412 4x12"	Orange	
California Red		JBL D120F		2x12 Open TJ120	Fender® Twin® 2x12" JBL® D120F	Guitar 2x12"	JBLs classically present firm lows, a round midrange with an edge of bark and a slightly nasal honk, and ringing, occasionally piercing highs. There are speakers suited to loud playing—when you really want to cut through.
				4x12 Closed J120	Marshall® 4x12", JBL® D120F	Guitar 4x12"	
Custom Fender		Fender Special Design 8Ω 12" 50w Custom Eminence		1x12 '57 Custom Deluxe	1x12 '57 Custom Deluxe® 1x12"	Fender 2	It sounds like an old Jensen but with a tighter bottom end, like a Celestion Alnico Blue.
				2x12 '57 Custom Twin-Amp	'57 Custom Twin-Amp™ 2x12"	Fender 2	
CV GT12-16		Carvin GT12-16 (100w, 16Ω)		2x12 V3M	Carvin® 212V 2x12	Carvin	
Darrell Panther		Randall Jaguar		4x12 Darrell 412	Randall® 412JB	Dimebag Darrell - CFH	It is not clear whether this speaker was made by Eminence or Celestion.

¹⁴ The **4x12 PPC 412** models a contemporary Orange® PPC412 4x12" cabinet. Orange cabinets for the UK market in the 1970s most commonly used Celestion G12H T1217 (30w, 15Ω) speakers, which was then the stock speaker for many cab manufacturers, with Marshall being the notable exception. The G12H T1217 was louder, "boomier", and more "fluid" than the G12M, as well as less compressed, with a strong upper mid-range. For the US market, empty Orange cabinets were shipped to the US and there loaded with Eminence speakers (which some claim in fact sound similar to modern V30s).

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				AmpliTube Cab Model	AmpliTube Identification	AmpliTube Cab Menu Group	
EV Darkness		Electro-Voice EVM-12L "Black Shadow", 200w		1x12 MB II	Mesa/Boogie® Mark II™ 1x12	Guitar 1x12"	<ul style="list-style-type: none"> Mesa/Boogie has rebranded various speakers from Celestion and Electro-Voice as "Black Shadow", though the "EV" designation suggests an Electro-Voice speaker is intended. The EVM-12L is famed for its ability to stand up to incredible punishment, and keep pumping out pristine clean tones and rich, detailed overdrive.
				1x12 MB III	Mesa/Boogie® Mark III™ Combo Cabinet Model	Guitar 1x12"	
				1x12 Mark III	MESA Boogie® Mark III™ Combo	MESA Boogie	
				1x12 Mark IV	MESA Boogie® Mark IV™ Combo	MESA Boogie	
HiAmp		Fane 122231 (50w)		HiAmp	Hiwatt® 4x12	Guitar 4x12"	
Jazz 12		Roland JC-120 Speaker		2x12 JP Jazz	Roland® JC-120™ 2x12"	Guitar 2x12"	
				2z12 JP Jazz	1986 Roland® JC-120™ 2x12	Dimebag Darrell - CFH	
Metal V 1200		Peavey Sheffield 1200 (16Ω, 75w)		4x12 Metal V 1/2/3	Peavey® 5150® 4x12" 1/2/3	Guitar 4x12"	Tweaked ("beefier"?) Vintage 30s?
Silver Alnico		Fisher 12-4L		2x12 Open SL	Sears® Silvertone® 2x12"	Guitar 2x12"	