

Line 6 Helix Microphone Models

Mic models for the Guitar Cabs

Model	Based on
57 Dynamic	Shure SM57
421 Dynamic	Sennheiser MD 421-U
7 Dynamic	Shure SM7
906 Dynamic	Sennheiser e906
30 Dynamic	Heil Sound PR 30
121 Ribbon	Royer R-121
160 Ribbon	Beyerdynamic M 160
4038 Ribbon	Coles 4038
84 Ribbon	AEA R84
414 Cond	AKG C414 XLS
47 Cond FET	Neumann U47 FET
67 Cond	Neumann U67

Mic models for the Bass Cabs

Model	Based on
57 Dynamic	Shure SM57
421 Dynamic	Sennheiser MD 421-U
7 Dynamic	Shure SM7
88 Dynamic	Beyerdynamic M88TG
52 Dynamic	Shure Beta 52A
112 Dynamic	AKG D112
D6 Dynamic	Audix D6
40 Dynamic	Heil Sound PR 40
4038 Ribbon	Coles 4038
414 Cond	AKG C414 TLII
47 Cond FET	Neumann U47 FET
67 Cond	Neumann U67

Mic Parameters

Position

Sets the lateral location of the mic in relation to the speaker cone.

Choose from Center ~ Cap Edge ~ Edge. Cap Edge may appear in a different location depending on the selected cab.

Distance

Sets the distance of the mic from the speaker cone.

Choose from 1.00" to 12.00" in 1/4" increments.

Angle

Sets the angle of the mic.

0 degrees is pointing directly at the speaker, 45 degrees is pointing off-axis.

Low Cut

Applies a low cut (high pass) filter, letting you remove all audio below a certain frequency. May be useful in removing undesirable low end rumble.

High Cut

Applies a high cut (low pass) filter, letting you remove all audio above a certain frequency. May be useful in removing high end harshness.

Level

Sets the overall level of the cab.

Pan (Cab > Dual only)

Moves the signal left or right across the stereo sound field. For example, if you're running a stereo playback system with two or more speakers, panning the first cab to Left 100 and the second cab to Right 100 can make your tone sound notably wider.

Press the knob to return to Center.

Delay (Cab > Dual only)

Although the new cabs in 3.50 perfectly line up with one another, there may be situations where you want to delay one side very slightly, to perhaps impart a bit of phase incoherence or at higher values, to increase the apparent stereo spread.

A little goes a long way here.

Legacy Microphone Models

Model	Based on
57 Dynamic	Shure SM57
409 Dynamic	Sennheiser MD 409
421 Dynamic	Sennheiser MD 421-U
30 Dynamic	Heil Sound PR 30
20 Dynamic	Electro-Voice RE20
121 Ribbon	Royer R-121
160 Ribbon	Beyerdynamic M 160
4038 Ribbon	Coles 4038
414 Cond	AKG C414 TLII
84 Cond	Neumann KM84
67 Cond	Neumann U67
87 Cond	Neumann U87
47 Cond	Neumann U47
112 Dynamic	AKG D112
12 Dynamic	AKG D12
7 Dynamic	Shure SM7

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