



Impulse Response Libraries

STUDIO MIX COLLECTION

Information Manual

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ABOUT THIS LIBRARY

THE CABINETS

The 112 DLX is based on a Mojotone Narrow Panel Deluxe 1x12 cabinet.

The 212 BOG is based on a Bogner Shiva open back 2x12 cabinet.

The 412 MAR is based on a 1970's Marshall "checkerboard" 1960B 4x12 cabinet.

THE SPEAKERS

* - included in 112 and 212 cabinets

** - included in 412 cabinet

*** - included in all cabinets

417-H^{***} is based on a 1977 Altec 417-8H.

ALN-BLU^{**} is based on a Celestion Alnico Blue.

ALN-SLV^{***} is based on a 1969 "pre-Rola" Celestion Alnico Silver.

CL-80^{**} is based on a Celestion Classic Lead 80.

CL-OR^{*} is based on a 1979 Celestion G12-80; the original "Classic Lead".

D-120^{**} is based on an early 1970's JBL D120F.

ER-24^{*} is based on a 1971 Cerwin Vega ER-124.

EV-L^{**} is based on an Electro Voice EVM-12L Classic.

EV-S^{***} is based on a late 1980's Electro Voice EVM-12S.

EV-SRO^{*} is based on a vintage Electro Voice SRO-12.

FN-42^{***} is based on a 1977 Fane 122142.

G65-OR^{**} is based on a 1982 Celestion G12-65.

G65-RI^{**} is based on a Celestion G12-65.

H-BB-55^{***} is based on a 1977 Celestion G12H "black back" with 55 Hz cone.

H-PR-55^{***} is based on a 1969 "pre-Rola" Celestion G12H with 55 Hz cone.

H-RI-55^{**} is based on a Celestion "Heritage" G12H with 55 Hz cone.

H-SB-75^{**} is based on a Scumback H75.

J12-BB^{**} is based on a Jensen Jet Alnico Blackbird.

J12-CN^{***} is based on a 1964 Jensen C12N.

J12-CR^{*} is based on a 1960's Jensen C12R.

J12-PN^{**} is based on a Jensen P12N.

J12-PQ^{***} is based on a 1959 Jensen P12Q.

J12-PR^{**} is based on a 1961 Jensen P12R.

K-100^{**} is based on a Celestion G12K-100.

L-BB^{***} is based on a 1978 Celestion G12L "black back".

M-BB-55^{***} is based on a 1977 Celestion G12M "black back" with 55 Hz cone.

M-CB-75^{**} is based on a Celestion G12M-65 "cream back" with 75 Hz cone.

M-PR-55^{***} is based on a 1971 "pre-Rola" Celestion G12M with 55 Hz cone.

M-RI-75^{**} is based on a Celestion "Heritage" G12M-20 with 75 Hz cone.

M-SB-75^{**} is based on a Scumback M75.

SUN-TRN^{*} is based on a 1970's Sunn Transducer.

T75-RI^{**} is based on a Celestion G12T-75.

T75-SS^{***} is based on a 90's "skunk stripe" Celestion G12T-75.

V30-CH^{**} is based on a Chinese made Celestion Vintage 30.

V30-EN^{**} is based on an English made Celestion Vintage 30.

THE POWER AMPS

SS - Solid State - based on a Bryston 3BST.

T1 - Tube 1 – based on a Randall RT2/50 with 6V6 power tubes.

T2 - Tube 2 – based on a Randall RT2/50 with 5881 power tubes.

MICS AND MIXES - 112 DLX AND 212 BOG CABINETS

CND-70 is based on a Microtech Gefell UMT70S large diaphragm condenser microphone.

DYN-57U3 is based on a vintage Shure Brothers Unidyne III SM57 dynamic microphone.

DYN-88 is based on a Beyerdynamic M88 dynamic microphone.

RBN-92 is based on an AEA R92 ribbon microphone.

RBN-121 is based on a Royer R121 ribbon microphone.

RBN-160 is based on a Beyerdynamic M160 ribbon microphone.

Rear (112 only) is based on a rear placed Microtech Gefell UMT70S large diaphragm condenser microphone.

Room is based on an ambiently placed AEA R92 ribbon microphone.

Live Modern is a custom mix of the DYN-88, RBN-92, RBN-121, and Room mic options.

Live Vintage is a custom mix of the RBN-92, RBN-121, RBN-160, and Room mic options.

Median is a custom mix of the CND-70, RBN-92, RBN-160, and Room mic options.

SP is a custom mix created by [Scott Peterson](#).

Studio Modern is a custom mix of the CND-70, DYN-57U3, RBN-121, and Room mic options.

Studio Vintage is a custom mix of the CND-70, RBN-92, RBN-121, and Room mic options.

MICS AND MIXES – 412 MAR CABINET

CND-70 is based on a Microtech Gefell UMT70S large diaphragm condenser microphone.

DYN-57 is based on a Shure SM57 dynamic microphone.

DYN-421 is based on a Sennheiser MD421 dynamic microphone.

RBN-121 is based on a Royer R121 ribbon microphone.

Room is based on an ambiently placed Microtech Gefell UMT70S large diaphragm condenser microphone.

Live Modern is a custom mix of the DYN-57, DYN-421, and RBN-121 mic options.

Live Vintage is a custom mix of the CND-70, DYN-57, DYN-421, and RBN-121 mic options.

Median is a custom mix of the CND-70, DYN-57, DYN-421, and RBN 121 mic options.

SP is a custom mix created by [Scott Peterson](#).

Studio Modern is a custom mix of the DYN-57 and RBN-121 mic options.

Studio Vintage is a custom mix of the CN-70, DYN-57, and RBN-121 mic options.

WAVE AUDIO FORMAT FILES

The Wav folders contain files in .wav format for use in any convolution reverb loader, be it DAW hosts or external hardware devices. These files are formatted in 44.1 kHz, 48 kHz, 88.2 kHz, and 96 kHz sample rates in mono channel count.

For information concerning loading of these files into the host of your choice beyond what is included in this user manual and additional text files in the directory structure, please refer to their website or documentation.

FILE DECAY TAIL AND MINIMUM PHASE TRANSFORMATION

This library contains various configurations of decay (reverb) tail truncation level. All files in this library have been minimum phase transformed.

WAV-200MS

Files in the Wav-200ms folder have had the decay tail truncated to 200 milliseconds. This shorter truncation level may assist in loading platforms that are bound by sample length ceilings. If you use the full 500 millisecond files and your IR loader throws an error stating that you are attempting to use files that exceed the sample length (note, not the sample rate) limitations, use these files. In addition to this scenario, and the 200 millisecond files could potentially help with CPU usage on less powerful systems or where track and instance counts are high.

WAV-500MS

Files in the Wav-500ms folder exhibit the full, uninhibited decay tail. These files will contain all of the reflective information of sound moving around inside the cabinet, and inside the room. In some instances, minimum phase transformed files in this folder may be slightly more quiet in volume level than those in the 200ms directory, however this is just a side effect of the involved math, and is not a quality factor, just output level. This phenomenon is dependent upon the data inside each unique IR, and is not consistent.

ADDITIONAL PLATFORMS

For additional convenience files with the appropriate sample rate, channel count, and time alignment standard are included for popular external hardware systems. These files are no different from those in the Wav directory structure, save for changing the naming convention to better accommodate front panel displays with limited character lengths. In these cases and in these subdirectories, additional text files are included for extended information.