

ALLEN & HEATH

avantis

V2.0



AVANTIS, REIMAGINED

With Avantis **V2.0**, dPack owners can expand channels and busses, new RackUltra FX hardware elevates processing capabilities, and everyone gets new features.



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With dPack:

- Extra channels and buses
- Extra Dyn8s, CompStortion

Hardware Upgrade:

- RackUltra FX (requires dPack)

For All:

- Smart rotaries
- Shure SLX-D Integration
- And more!



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8 RackUltra FX slots

- Dedicated processing (PEQ and dynamics)
- Dedicated sends and returns

11 algorithms at launch

- Spaces and Plate Reverbs
- MIDI, 2-voice, and 4-voice Harmonisers
- Vocal Tuner, Gridder and Shifter
- Amp+Cab Distortion and Saturator
- Rhythm delay



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Spaces Reverb Designer

SPACES REVERB DESIGNER

HOME SPACE ECHOES TEXTURE EQ

Quick Setup

SPACE: Concert Hall*
ECHOES: Off
TEXTURE: Sparse*
EQ: Bright*

Pre Delay: 0
Decay Time: 3.08

Output EQ

- HF Cut: 11.41 kHz
- LF Cut: 122 Hz

SPACES REVERB DESIGNER

HOME SPACE ECHOES TEXTURE EQ

Early Reflections

REFLECTION MODEL: Medium Hall

Direct Send: 0%
Stereos Spread: 0%

Size: Width 8, Length 11 (LINK)

Early Level, Late Level, Sub Level

SPACES REVERB DESIGNER

HOME SPACE ECHOES TEXTURE EQ

IN

Left Time: 27 ms
Gain: -8.2 dB
ON

Graph showing frequency response from 0ms to 200ms.

SPACES REVERB DESIGNER

HOME SPACE ECHOES TEXTURE EQ

Diffusion

Impact: 50%
Density: 0%

Early: 2
Mid: 3
Late: 4

Modulation: Depth 0%, Rate 0%

SPACES REVERB DESIGNER

Damping: LF 125 Hz, HF 8.50 kHz

Colour: Cut/Boost 8.67 kHz, HF Tone 10.27 kHz, -0.8 dB

Output: LF Cut 122 Hz, HF Cut 11.41 kHz

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Plate Reverb Designer

The interface for the Plate Reverb Designer is shown in a dark teal color scheme. It features several control sections: 'Type' set to 'Impact', 'Decay' at 0.47, 'Pre Delay' at 0, and an 'Echoes Control' button. Five vertical sliders control 'Diffusion' (95%), 'Size' (35%), 'Position' (71%), 'Shape' (100%), and 'Width' (83%). An 'Output EQ' section includes 'HF Cut' at 6.99 kHz and 'LF Cut' at 71.3 Hz. A 'Modulation' section has 'Speed' and 'Depth' both at 0%.

PLATE REVERB DESIGNER

Type: Impact

Decay: 0.47

Pre Delay: 0

Echoes Control

Diffusion: 95%

Size: 35%

Position: 71%

Shape: 100%

Width: 83%

Output EQ

HF Cut: 6.99 kHz

LF Cut: 71.3 Hz

Modulation

Speed: 0%

Depth: 0%

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MIDI, Dual Autokey, and Quad Voice Harmoniser

DUAL AUTOKEY HARMONISER

Manual Key **ON**

Global Key **OFF**

Key **C**

Scale **Major**

AutoKey **OFF**

Key **C Major/A Minor**

Confidence **██████████**

Copy Key to Manual

Key Detection Source **Unassigned**

Voice 1 ON

Interval **+Oct**

Formant **0.0**

0.0 dB

L PAN R

Voice 2 ON

Interval **3rd**

Formant **0.0**

0.0 dB

L PAN R

REVERB

CHORUS

AUTO EXPAND

PITCH VARIATION

TIME VARIATION

QUAD VOICE HARMONISER

Global Key **OFF**

Key **C**

Scale **Major**

Voice 1 ON

Interval **3rd**

Formant **+0.5**

-5.1 dB

L PAN R

Voice 2 ON

Interval **+Oct**

Formant **-0.3**

-3.2 dB

L PAN R

Voice 3 ON

Interval **-4th**

Formant **-0.5**

-5.6 dB

L PAN R

Voice 4 ON

Interval **5th**

Formant **-1.2**

-6.5 dB

L PAN R

REVERB

CHORUS

AUTO EXPAND

PITCH VARIATION

TIME VARIATION

MIDI HARMONISER

Monophonic **ON**

Glide **1**

Polyphonic **OFF**

Width **20**

Formant Correction **100%**

Voice 1

Source Note

MIDI Data Received

REVERB

CHORUS

PITCH VARIATION

NOTE TRACKING

USE VELOCITY **On**

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Vocal Tuner, Gridder and Shifter



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Amp+Cab Distortion and Saturator



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Rhythm Delay

The image displays two views of the Rhythm Delay plugin interface. The left view shows parameter controls, and the right view shows a tap sequencer.

Parameter Control View (Left):


- RHYTHM DELAY:** SIMPLE (selected) / ADVANCED
- TEMPO:** BPM 119, Global TAP OFF, Dotted, Triplet
- RHYTHM:** Interval 1/8, Number of Repeats 6, Advanced Rhythm Currently Active
- SHAPE:** Amplitude 56%, Auto Pan 50%
- Feedback Filters:** Feedback -18.5 dB, Drive 40%

Tap Sequencer View (Right):

- RHYTHM DELAY:** SIMPLE / ADVANCED
- TEMPO:** BPM 119, Global TAP OFF, Dotted, Triplet
- Amplitude:** 56%, Gains Locked
- Auto Pan:** 50%
- Feedback:** -18.5 dB
- Drive:** 40%
- Feedback Filters:** (Graph)
- Tap Sequencer:** Tap points at 1/4, 1/2, 3/4, 1. Buttons: Add, Reset Taps HOLD, Bar Length 4, Pattern Tap ARM.
- Display:** No Beat Selected, Dry Repeat: OFF ON

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2 SKUs each for Avantis and Solo

- Avantis/Solo **Ultra** 
(all-in factory fitted RackUltra FX and dPack, with 'U' suffix)
- Avantis/Solo
(no dPack, no RackUltra FX, update later!)



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2 SKUs of each size console from April 7

MODEL	Avantis/Solo	Avantis/Solo Ultra
PROCESSING INPUTS	64	96
MAX AUX/GROUPS	<42	<56 (+8)
MAX MATRIX		
DEEP PROCESSING	-	✓
STANDARD FX ENGINES	12	12
RACKULTRA FX ENGINES	-	8
DYN8	-	24

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Hardware upgrade

- Requires dPack
- Requires fitting at ASC
- Avantis and Solo modules are different



M-AV-ULTRAFX-A
For Avantis



M-AVS-ULTRAFX-A
For Solo



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Firmware features added for all users

- Smart Rotaries
- Dyn8 Ganging
- Mute override
- Extended channel libraries
- Show Manager bulk import/export
- Shure SLX-D Integration
- Diagnostic mode



Q&A