

# AVALON



# DESIGN®

PURE CLASS A MUSIC RECORDING SYSTEMS



M5



U5



V5

## AVALON V5 PREAMPLIFIER & DI COMPARISON TABLE

The Avalon **V5 DI-RE-MIC PREAMPLIFIER** combines our famous “*musically involving sound-stage*” with many new and exciting functions. Created for maximum versatility, the V5 features four, 100% discrete, Pure Class A amplifiers for maximum headroom and low noise performance. An ultra-high quality transformer offers MIC impedance selection, ideal for ribbon, dynamic and high level condenser microphones.

The 10 million ohm, **Instrument DI** input has *ZERO IMPEDANCE LOADING* and is perfect for sensitive acoustic pickups offering unlimited “*breathe space*” not found on standard DI instrument interfaces. This feature, combined with the massive +36dB input capability, delivers ultimate sonic performance for all active pickups, electric bass & acoustic guitars, keyboards, drum machines and music synthesizers.

A transformer isolated **RE-AMPING** output offers multiple instrument configurations with polarity reverse on ALL inputs. Silver relays deliver transparent signal path routing. A custom, high performance rotary switch gives smooth control in 2dB steps to 66dB.

The unique *PASSIVE TONE* selector offers ten contours (six from the U5 **TONE BANK™**) A separate hi-cut hiss & buzz filter, full-size professional analog VU meter with an expanded scale -30dB to +18dB and twin peak LEDs for fast signal capture.

*“The V5 delivers Deep and Controlled Bass with a Musical Midrange for enhanced Vocal projection and Instrument resolution”.*

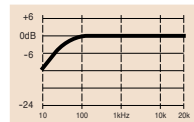
*...the Avalon V5 will capture every magical performance and continues Avalon’s passion and commitment to SONIC EXCELLENCE !*



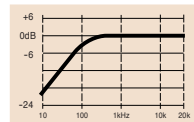
Avalon Model No:	M5	V5	U5 DI
U.S. LIST PRICE	\$ 1,850	\$ 1,495	\$ 690
Number of Channels	1	1	1
Audio Signal Path	100% Discrete Pure Class A	100% Discrete Class A	100% Discrete Class A
Input Selection	DI & Microphone	Line, DI & Microphone	Instrument - DI
Mic Input Impedance	1200 Ω *	1200 Ω * 2000 Ω	N/A
DI Input Impedance	100,000 Ω	10,000,000 Ω	3,300,000 Ω
Microphone Gain	Switch 2dB Step +64dB Max	Switch 2dB Step +66dB Max	N/A
DI - Instrument Gain	Switch 2dB Step +18dB Max	Switch 2dB Step +42dB Max	Switched 3dB Step +30dB Max
High Gain Boost / Pad	Pad -20dB	Pad -15dB Mic. Pad -10dB Inst.	N/A
Phantom Power +48V	Yes	Yes	N/A
Polarity Reverse (phase)	Yes	Yes	No
High Pass Filter (LF cut)	Variable 6dB/oct 30Hz to 185Hz	Switched 6dB/oct 3 frequencies	No
Low Pass Filter (HF cut)	No	Switched 6dB/oct 4kHz	Switched 6dB/oct 8kHz
Equalizer - Tone Bank™	No	Passive Tone 10 selections	Passive Tone 6 selections
Metering Analog VU LEDs	-22dB to +3dB 0dB & +20dB	-32dB to +18dB 0dB & +20dB	No 0dB blue LED
Headphone Output	No	Yes	Yes
RE-AMPER Output	No	Yes	No
Noise EIN Output	126dB -102dB	128dB -100dB	N/A -100dB
Maximum Input Line DI & Mic	N/A +18dB, +36	+47dB +36dB, +23dB	+24dB (DI) 400w speaker input
Maximum Output DC coupled	Unbalanced +30dB	Balanced +30dB	Balanced Mic & Line +30dB
Power Supply	External Toroid ** AC 100v-240v	Internal Toroid AC 115v or 230v	Internal Toroid AC 115v or 230v
Dimensions	8.5 x 12 x 3.5 inches 216 x 305 x 89 mm	8.5 x 12 x 3.5 inches 216 x 305 x 89 mm	8.5 x 12 x 3.5 inches 216 x 305 x 89 mm
Weight	9 lbs 4 kg	10 lbs 4.5 kg	9 lbs 4 kg



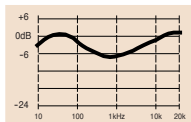
The V5 TONE-FILTERS offer 10 "passive" tones & voices for improved clarity, problem solving filter and musical enhancement.



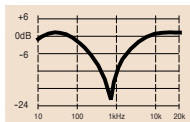
**1** vocals and instruments, high pass, rumble filter 50Hz @ 6dB/octave



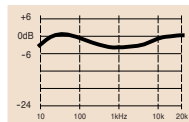
**2** vocals and instruments, high pass, rumble filter 90Hz @ 6dB/octave



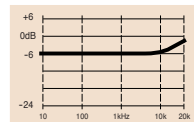
**3** acoustic and string instruments, electric bass and keyboards



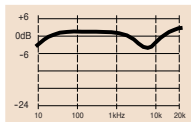
**4** electric bass guitar and mid scoop



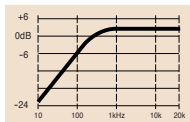
**5** acoustics, strings, electric and bass guitar and keyboards



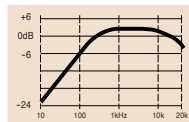
**6** AIR-LIFT vocals, acoustic-electric instruments



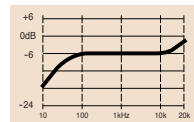
**7** acoustics, strings electric and bass guitar and keyboards



**8** acoustic and electric instruments



**9** electric and bass guitar



**10** AIR-LIFT & LOW-CUT vocals, acoustic-electric instruments

V5 TONE selections 1 through 6 are identical to the TONE-BANK™ options in the Avalon U5 "Ultra-Five" Direct Box-preamplifier.