

AVALON DESIGN®



PURE CLASS A MUSIC RECORDING SYSTEMS



AVALON PREAMPLIFIER & DI COMPARISON TABLE

Avalon Model No:	VT-737 ^{SP}	AD2022	M5	V5	U5 ^{DI}
U.S. LIST PRICE	\$ 3,295	\$ 3,300	\$ 1,850	\$ 1,495	\$ 795
Number of Channels	1	2	1	1	1
Audio Signal Path	Vacuum Tube (4) Discrete Class A	100% Discrete Pure Class A	100% Discrete Pure Class A	100% Discrete Class A	100% Discrete Class A
Input Selection	Line, DI & Microphone	DI & Microphone	DI & Microphone	Line, DI & Microphone	Instrument - DI
Mic Input Impedance	1200 Ω *	50, 100, 300 + 600, 1800 Ω	1200 Ω *	1200 Ω * 2000 Ω	N/A
DI Input Impedance	100,000 Ω	100,000 Ω	100,000 Ω	10,000,000 Ω	3,300,000 Ω
Microphone Gain	Variable + 60dB Max	Switch 4dB Step + 66dB Max	Switch 2dB Step + 64dB Max	Switch 2dB Step + 66dB Max	N/A
DI - Instrument Gain	Variable + 30dB Max	Switch 4dB Step + 18dB Max	Switch 2dB Step + 18dB Max	Switch 2dB Step + 42dB Max	Switched 3db Step + 30dB Max
High Gain Boost / Pad	Boost +15dB	Pad -20dB	Pad -20dB	Pad -15dB Mic. Pad -10dB Inst.	N/A
Phantom Power +48V	Yes	Yes	Yes	Yes	N/A
Polarity Reverse (phase)	Yes	Yes	Yes	Yes	No
High Pass Filter (LF cut)	Variable 6dB/oct 30Hz to 140Hz	Variable 6dB/oct 30Hz to 185Hz	Variable 6dB/oct 30Hz to 185Hz	Switched 6dB/oct 3 frequencies	No
Low Pass Filter (HF cut)	No	No	No	Switched 6dB/oct 4kHz	Switched 6dB/oct 8kHz
Equalizer - Tone Bank™	Passive & Active four band EQ	No	No	Passive Tone 10 selections	Passive Tone 6 selections
Metering Analog VU LED's	-22dB to +3dB None	-22dB to +3dB 0dB & +20dB	-22dB to +3dB 0dB & +20dB	-32dB to +18dB 0dB & +20dB	No 0dB blue LED
Headphone Output	No	No	No	Yes	Yes
RE-AMPER Output	No	No	No	Yes	No
Noise EIN Output	116dB -92dB	126dB -102dB	126dB -102dB	128dB -100dB	N/A -100dB
Maximum Input Line DI & Mic	+36dB +30dB, +30dB	N/A +18dB, +36dB	N/A +18dB, +36	+47dB +36dB, +23dB	+24dB (DI) 400w speaker input
Maximum Output DC coupled	Balanced +30dB	Balanced +36dB Unbalanced +30dB	Unbalanced +30dB	Balanced +30dB	Balanced Mic & Line +30dB
Power Supply	Internal Toroid AC 100v-240v	External Toroid ** AC 100v-240v	External Toroid ** AC 100v-240v	Internal Toroid AC 115v or 230v	Internal Toroid AC 115v or 230v
Dimensions	19 x 12 x 3.5 inches 482 x 305 x 89 mm	19 x 12 x 3.5 inches 482 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	8.5 x 12 x 3.5 inches 216 x 305 x 89 mm
Weight	23 lbs 10.5 kg	17 lbs 7.7 kg	9 lbs 4 kg	10 lbs 4.5 kg	9 lbs 4 kg

MADE IN
USA

* Transformer Balanced Mic Inputs

3417 W. Burbank Blvd., Burbank, CA 91505

WWW.AVALONDESIGN.COM

** External B2T Power Supply Included with PC-1 4 pin cable.

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Avalon Design reserves the right to incorporate changes in design and in the specifications of these products without prior notice.