SONIC EXCELLENCE
The Avalon U5 Pure Class A instrument DI & preamplifier is the most powerful direct box available today. Designed to optimize absolute signal integrity and musical performance, the U5 includes many features and sonic excellence unequaled by lesser designs. The U5 is ideal for bass guitar and acoustic instruments, electric guitars, keyboards, synthesizers and low output pickups. Features include state-of-the-art, high input impedance input stage for zero load effect on sensitive pickups and keyboards, 100% discrete, Pure Class A signal amplifiers, practical user features and rugged hardware designed to deliver true high performance audio for many years.

DESIGNED FOR DEEP & CONTROLLED BASS
Avalon U5 DI-preamps have been in use around the world since 1995. They have found their way into the world’s leading musicians rigs and recording sessions and been featured on thousands of the best selling (and sounding) albums and live performances.

MINIMUM SIGNAL PATH DESIGN
The U5 includes a variable gain Class A preamplifier to boost low level pickup signals and a high level speaker input for capturing the live sound of the instruments amplifier. Six passive tone-EQ curves are also included to enhance a variety of acoustic and electric instruments. A high-cut switch eliminates unwanted acoustic pickup and high frequency noise, while a headphone monitor amp has been included for personal listening. Twin DC coupled Class A output amplifiers drive both low level microphone preamp inputs and high level +4dB inputs for direct to tape recording or processing. The active-to-thru switch selects either the instrument input directly or sends the boosted-equalized signal to the amplifier via the front panel jack. A ground isolation switch eliminates any possible earth loop or AC buzz problems with complete safety.
U5 SPECIFICATIONS

100% discrete, high-voltage Class A
Switched 3dB steps, maximum gain +30dB
3,000,000 ohm unbalanced (single ended)
+24dBu unbalanced, 400w speaker input
XLR type, pin 2 hot electronic balanced
+30dBu DC coupled, balanced 600 ohms (mic and line out)
0.5w into 600 ohms
-100dBu minimum gain position
0.1% at +10dB
5Hz to 100kHz
1Hz to 500kHz (input band limited)
-3dB at 8kHz minimum phase design

Six position rotary switch, all passive filters

acoustic and string instruments, electric bass and keyboards
electric bass guitar
acoustics, strings, electric and bass guitar and keyboards
acoustics, strings, electric and bass guitar and keyboards
acoustic and electric guitar
electric and bass guitar

Internal toroidal AC supply
115-230v selectable 50/60Hz, 40w max
8.5 x 3.5 x 12 in (216 x 88 x 305mm)
12lbs (5.4kg)
Single U5 19 inch rack mount kit (holds one half rack unit)
Dual U5 19 inch rack mount kit (holds two half rack units)

Avalon reserves the right to incorporate changes in design and in the specifications of this product without prior notice.

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