



**Wynton R. Morro founded Avalon with the desire to bring the art of music recording closer to the essence of the original performance. Avalon's pure Class A recording systems provide the world's leading engineers, producers and musicians with state-of-the-art electronics designed especially for high-fidelity music and sound recording, These carefully engineered systems enhance the creative senses and become one with the music itself.**

### **Features**

**Avalon systems utilize 100% discrete, high-bias pure Class A audio amplifiers. These pure Class A amplifiers are incorporated into minimal signal path designs which include sealed silver relays, balanced DC coupled high-current "outside-world" drivers, fully discrete linear DC regulators, low noise toroidal power transformers and selected high quality active and passive components. This powerful combination of design features gives increased musical headroom and greater dynamic transient capability for a truly transparent audio passage.**

### **Sonic Excellence**

**Avalon's unique design features, highest quality components and continued pursuit of sonic excellence assures the most harmonious musical signal transfer available today. Whether you are recording a solo vocalist, capturing the delicate nuance of an acoustic instrument, mastering music and film productions or recording symphonies, let Avalon take you to the leading edge in analog and experience sonic reality like never before!**

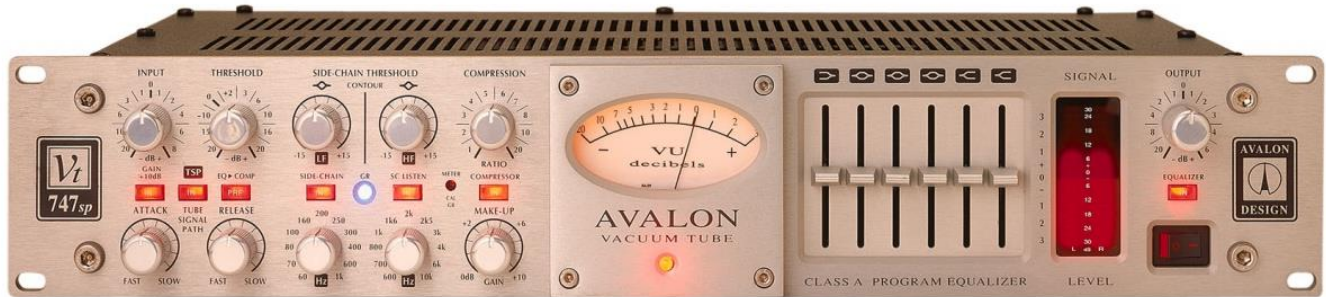
## Avalon VT-737SP: Direct Recording Channel



### AVALON VT-737SP FEATURES

- Vacuum tube triode signal path,
- transformer balanced microphone input,
- high-voltage circuits for maximum headroom to +30dB,
- low noise -92dB,
- internal discrete power supply with toroidal transformer,
- soft-start tube life extender,
- stereo link for compressors,
- all discrete Class A equalizer with musical passive filter design,
- sealed silver relays for signal routing,
- large control knobs with professional conductive plastic potentiometers,
- VU meter for output level monitoring and compressor gain reduction.

## Avalon VT-747SP: Stereo Compressor / EQ



### VT-747SP FEATURES

- Stereo Class A opto-compressor with spectral control
- Stereo Class A six band discrete passive program EQ
- TSP twin signal path, vacuum tube bypass
- Low noise -92dB
- Fully balanced Class A input and DC coupled outputs
- Stereo dynamic 60dB high resolution output meters
- High quality analog VU meter for gain reduction
- High headroom+36dB input before overload
- Spectral side-chain monitor for pre listen
- EQ pre-post selection for opto-compressor
- Sealed silver relays for all signal routing
- Internal discrete regulated power supplies
- Military spec vacuum tubes for long life and low noise

## Avalon AD2022 - Dual Mono Pure Class A Preamplifier



The AD2022 is Avalon's fourth generation of fully discrete, symmetrical Pure Class A microphone preamplifiers. The dual mono AD2022 includes the original sonic capabilities and transparency of the M2, M22 and M5 preamplifiers plus several additional features, including selectable microphone source loading for optimized cable/mic matching, improved high-voltage Class

A regulated power supplies, two high Z instrument inputs, variable-passive high pass filter, quality/silver wiring and doubled plated circuit boards for superior low level signal transfer.

## Avalon AD2044: Dual Mono-Stereo, Pure Class A Opto-Compressor



### AD2044 FEATURES

- Smooth musical detail and sonic excellence
- Minimum audio signal path
- Pure Class A, 100% discrete design
- Dual mono or Stereo operation
- Transparent, non-invasive compression
- Very low noise -94dB
- High headroom +30dB
- Fully balanced inputs and outputs
- Long lasting, stainless steel hardware
- External 150W toroidal power supply
- All signal routing w/sealed silver relays
- External side-chain access XLR
- Low distortion less than 0.5% THD and IMD
- Wide bandwidth -3dB 1Hz to 450kHz
- Large accurate professional VU meters
- Variable threshold, ratio, attack & release
- DC coupled, no transformers in audio path
- Fully balanced inputs and outputs

## AD2055: Dual Mono, Pure Class A Parametric Music Equalizer



### AD2055 FEATURES

- Pure Class A, 100% discrete design
- Smooth musical detail and sonic excellence
- Minimum audio signal path
- Dual mono operation
- Transparent active and passive filter design
- High headroom +30dB Very low noise - 94dB
- Fully balanced inputs and outputs
- DC coupled, no transformers in audio path
- Long lasting, stainless steel hardware
- Switched frequencies in high and low bands
- Mid bands use X10 frequency for extended range
- Wide bandwidth -3dB 1Hz to 450kHz
- Low distortion less than 0.5% THD and IMD
- All signal routing with sealed silver relays Conductive plastic potentiometers for low noise
- External 150W toroidal power supply 100% discrete power supplies for audio path

## AD2077: Dual Mono, Pure Class A Mastering Equalizer



### AD2077 EQUALIZER FEATURES

- Pure Class A, 100% discrete design
- Smooth musical detail and sonic excellence
- Minimum audio signal path
- Dual mono, fully switched controls
- Transparent active and passive filter design
- Very low noise -94dB
- High headroom +30dB
- Fully balanced inputs and outputs
- DC coupled, no transformers in audio path
- 104 switched frequencies per channel

- Mid bands use X10 frequency for extended range
- Wide bandwidth -3dB 1Hz to 450kHz
- Low distortion less than 0.5% THD and IMD
- Switched range control 0.5dB, 1dB and 2dB steps
- All signal routing with sealed silver relays
- 100% discrete power supplies for audio path
- External 150W toroidal power supply

M5 Pure Class A Preamp



**M5 FEATURES**

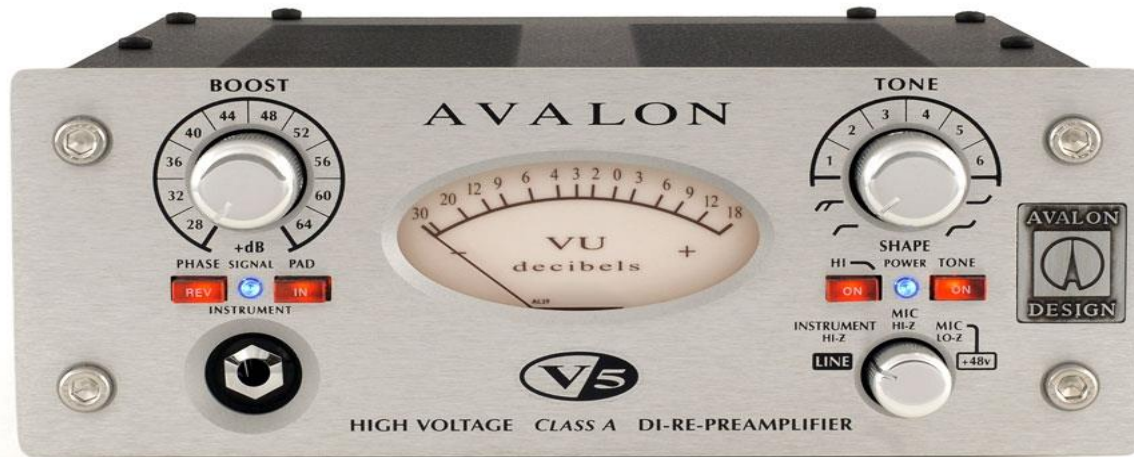
- **Pure Class A, 100% discrete design**
- **Smooth musical detail and sonic excellence**
- **Minimum audio signal path**
- **High performance input transformer**
- **Microphone and Hi-Z inputs to +36dB**
- **Very low noise -126dB**
- **High headroom +30dB**
- **Gain switched in 2dB steps to +64dB**
- **DC coupled Pure Class A output**
- **Large illuminated professional VU meter**
- **Twin LED peak signal indicators**
- **Regulated +48v phantom power supply**
- **Low distortion less than 0.5% THD and IMD**
- **Variable passive high pass (bass cut) filter**
- **All signal routing with sealed silver relays**



## U5 FEATURES

- Pure Class A, 100% discrete design

- **Smooth musical detail and sonic excellence**
- **Variable gain preamp to +30dB.**
- **Dual microphone and line outputs**
- **Hi-Z 3,000,000 ohm input impedance**
- **Very low noise -100dB**
- **High headroom +30dB**
- **Six tone bank selections.**
- **DC coupled Class A output for superior bass**
- **High cut switch eliminates noise**
- **LED active signal indicator**
- **Headphone monitor output jack**
- **Low distortion less than 0.5% THD and IMD**
- **High level 400 watt speaker input**
- **Active to thru selector - ground isolation switch**
- **100% discrete power supplies for audio path**
- **Internal toroidal power supply for low noise**
- **Long lasting, stainless steel hardware**



## V5 FEATURES

- Pure Class A, 100% discrete design
- Forward musical detail and sonic excellence
- Minimum audio signal path
- High quality transformer input & isolated output
- Microphone and Hi-Z inputs to +36dB
- Very low noise -100dB
- High headroom +30dB
- Switched 2dB, high-gain preamplifier to +66dB
- DC coupled Pure Class A output

- **Large illuminated professional VU meter**
- **Twin LED peak signal indicators**
- **Regulated +48v phantom power supply**
- **Low distortion less than 0.5% THD and IMD**
- **Variable passive high pass (bass cut) filter**
- **All signal routing with sealed silver relays**