

# CHERRY 180

MONO BLOCK VACUUM TUBE AMPLIFIERS  
VTA180M



Number of Line Inputs	1
Input Impedance	100K Ohms
Input Stage	12AX7 current sourced low noise valve
Pre-Driver Stage	12AT7 long tailed high gain balanced pair
Automatic DC Restoration	6AL5
Nominal Voltage Gain	30dB (into 8 ohms)
Output Stage Configuration	3 complimentary sets of KT-88's in a push-pull configuration (6 total)
Regulated Screen Supply Voltage	350V
Output Tube Plate Voltage	725V
Output Tube Idle Power	Less than 9W each
Bias Adjustment	Rear panel pot, front panel meter, "Set and Forget"
Rated Power	200 watts/8 ohms, 230 watts/4 ohms, 215 watts/2 ohms
Noise	Better than 110dB A weighted referenced into 180 watts
Hum	-100dB
Frequency Response	2 Hz to 85 kHz (-3dB)
Full Power Bandwidth	24 Hz to 28 kHz without filters
Feedback Control Switch	20dB for Classic Amplifier Sound, 11dB for Contemporary Amplifier Sound
Distortion	Less than 0.5%
Output Transformer	Interleaved windings, super wideband low leakage inductance design
Generator Source Impedance	1.6 ohms
Speaker Outputs	2, 4 and 8 ohm terminals
Built in Output Tube Tester	Yes
Construction Method	Point-to-point hand wired axial and radial leaded components with star grounds and no circuit board traces or de-plugable connectors
Components	High reliability wire wound and metal film resistors, metal polyester capacitors in the audio signal paths
Dimensions/Weight	14" deep x 12" wide x 7.2" tall, 43 lbs per chassis
Color	Cherry Red with Champagne Trim (may be ordered in black)
Country of Origin	USA
Warranty	Amps 7 Years, Tubes 1 Year