

CharterOak Acoustic Devices

DATASHEET MODEL S600

The CharterOak S600 is a front address vacuum tube condenser microphone. The S600 employs an ultra-thin, side terminated 1.00" gold sputtered Mylar diaphragm and custom output transformer. Its rich and particularly non-sibilant eq make it a perfect choice when used as a stereo overhead pair on the drum kit. The result is clean and rich cymbals with lots of sustain while picking up all of the transient peaks of the snare and tom toms. The extended bass frequency response of the S600 makes it a perfect choice for recording bass instruments and its particularly smooth treble response makes it a perfect choice for recording bright electric guitars.

S600 SPECIFICATIONS

Acoustical Operating Principle	Pressure Gradient
Diaphragm	Single 1.00" 6 micron thick gold sputtered Mylar (side terminated)
Frequency Response	18Hz-20kHz
Sensitivity	13mV/Pa 0dB=1V/Pa@1kHz
Polar Pattern	Cardioid
Impedance	< 200 Ohms
Recommended Load	> 200 Ohms
Equivalent Input Noise	22dB A weighted IEC651
Maximum Sound Pressure Level	125dB for 0.5% total harmonic distortion @ 1000Hz
Power Requirements	Custom supply 115V or 230V operation with IEC type 2 AC Cable
Connection between Mic & Power Supply	7 pin XLR

The CharterOak S600 is delivered in sequentially numbered pairs with a locking flight case, custom dual power supply, two shock mounts and all of the appropriate cables. The S600, like all CharterOak products, features extremely rigid construction and a clean and simple electronic design. The microphones are delivered with a full one-year warranty on all parts and labor and easy access to factory technical support. It is hard to imagine a more versatile tool in the studio than a pair of CharterOak S600 vacuum tube condenser microphones.



CharterOak Acoustic Devices...
Creating the Classics of Tomorrow™

