

Montis

SPECIFICATIONS

Frequency Response

29 – 23,000 Hz \pm 3dB

Horizontal Dispersion

30°

Vertical Dispersion

44" (112 cm) line source

High Frequency Transducer

XStat™ CLS™ electrostatic transducer

» Panel Dimensions

44" x 11.3" (111.8 x 28.7cm)

» Radiating Area

497 in² (3,209 cm²)

Low Frequency Transducer

10" (25.4 cm) cast basket, high excursion, aluminum cone with extended throw drive assembly

Amplifier

Woofer: 200 watts/channel (4 ohms)

Sensitivity

91 dB/2.83 volts/meter

Impedance

4 Ohms, 0.52 at 20kHz. Compatible with 4, 6, or 8 Ohm rated amplifiers

Recommended Amplifier Power

20 – 500 watts per channel

Crossover Frequency

340Hz

Components

Custom-wound audio transformer, air core coils, polypropylene capacitors, DSP based pre-amplifier (used with woofer amplifier)

Bass Controls

\pm 10dB under 100 Hz

Lighting

LED intensity control: ON, DIM, OFF

Inputs

Custom 5-way binding posts

Power Draw

Standby: <1W/channel. Max: 200W/channel

Weight

58 lbs. (26.3 kg)

Dimensions

59.3" x 12.7" x 18"

(150.5 cm x 32.2 cm x 45.7 cm)

Specifications are subject to change without notice.



Able to reveal every subtle nuance of recorded sound with unflinching accuracy, Montis' ultra-rigid AirFrame™, CLS™ XStat transducer and 24-bit Vojtko DSP engine deliver performance with magical precision and dynamics.

Housed within an ultra-rigid, extruded aluminum composite AirFrame™, Montis' CLS™ (Curvilinear Line Source) XStat™ transducer builds upon MartinLogan's nearly 30-year legacy of providing the highest quality electrostatic products. Advanced MicroPerf stator technology gives the latest-generation CLS™ electrostatic transducer almost twice as much exposed diaphragm surface, translating into higher efficiency and an effortless and unlimited dynamic presentation. The XStat pulls no punches.

Montis uses an extremely precise 24-bit Vojtko™ DSP engine in conjunction with a powerful 200-watt class-D amplifier to deliver a stunningly detailed low-frequency performance reaching down to 29Hz—uncommon in cabinets this compact. Additionally, integrated low-frequency equalization below 100Hz further enhances bass performance by allowing precise tailoring to adjust for individual room acoustics.