



MARTIN LOGAN®

# NEOLITH™



## Standard Color Options



**Rosso Fuoco**  
Gloss Red



**Cordoba Red**  
Metallic Maroon



**Deep Sea Blue**  
Metallic Blue



**Basalt Black**  
Metallic Black



**Arctic Silver**  
Metallic Silver  
*(Light)*



**Desert Silver**  
Metallic Silver  
*(Tan Tint)*



**Meteor Grey**  
Metallic Silver  
*(Dark)*



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**System Frequency Response:**

23–22,000 Hz ± 3db

**Recommended Amplifier Power:**

50–1,300 watts per channel at 4 Ohms

**Dispersion:**

*Horizontal:* 30 Degrees

*Vertical:* 48" (122 cm) line source

**Sensitivity:**

90 dB/2.83 volts/meter

**Impedance:**

*Nominal:* 4 ohms, 0.43 ohms @ 20 kHz.

**Crossover Frequency:**

60, 250–400 Hz

**High/Mid Frequency Driver:**

48" x 22" (122 x 56 cm) CLS XStat electrostatic  
(1,056 in<sup>2</sup>/6,813 cm<sup>2</sup>)

**Woofers:**

15" (38.1cm) cast basket, high excursion, rigid aluminum cone with extended throw drive assembly. Extensively vented triple shorting ring motor and 4-layer coil to eliminate compression and distortion.

12" (30.5cm) round cast aluminum alloy frame, high excursion, rigid carbon fiber sandwich cone with long throw design, 3-inch (7.5cm) diameter copper-clad aluminum flat wire voice coil, and vented pole piece and under-spider opening to reduce power compression.

**Enclosure:**

Phenolic Resin Polymer: Dense substrate with superb mechanical strength minimizes cabinet vibrations caused by woofer cone motion counter forces to provide an ideal baffle for the electrostatic panel and woofers.

**Components:**

*High-Pass Crossover:* 1% resistors mounted to heat sinks, polypropylene capacitors, air core inductors, dual toroidal audio transformers to drive electrostatic element

*Low-Pass Crossover:* 1% resistors mounted to heat sinks, toroidal inductors, supports user options to modify sound output via jumpers

**Bass Control:**

0dB, -4dB, -8dB

**Distance Control:**

3 meters (or less), 4 meters, 5 meters (or greater)

**Light Control:**

On, Dim, Off

**Signal Inputs:**

WBT-0705Ag nextgen™ 5-way bi-wire binding posts feature a filigree signal conductor made from fine silver for high conductivity. Fully insulated for CE and IEC conformity providing shock hazard protection. Free from eddy current effects. Max constant current 30 A, admissible peak current 200 A. Outer metal cap with palladium plated finish.

**Mains Power Draw:**

*Standby:* 1W each

*Max:* 10W each

**Weight:**

385 lbs. each (175 kg)

**Size (H x W x D):**

74.8" x 30.3" x 34.2" (189.9 x 76.9 x 87 cm)

**Weight (Crated):**

600 lbs. each (273 kg)

**Crate Size (H x W x D):**

39.7" x 39" x 82.6" (100.8 x 99 x 210 cm)

*Specifications are subject to change without notice.*