



Impression

ESL 11A

EMOTIONAL REALISM. Impressionist masters inspired potent feelings by removing the barrier between art and emotion. The Impression ESL 11A achieves this same effect, with an unprecedented level of audio transparency and realism revealing the pure emotional impact of music.

Belonging to MartinLogan's Masterpiece Series, the Impression ESL 11A reveals an impactful and accurate bass performance with a dual 8-inch woofer system powered by dual 275-watt Class-D amplifiers and honed by Anthem Room Correction technology. The groundbreaking integration of this woofer system with MartinLogan's signature XStat CLS transducer delivers a dynamic, transparent audio performance—an experience of pure audio pleasure with nothing coming between your music and ears.

QUICK SPECS:

- 44" x 11" XStat™ CLS™ Transducer
- Dual 8-inch PoweredForce Forward™ Woofers
- Dual 275W / Channel (4 ohms) Amplifiers
- 29–23,000 Hz ±3dB Frequency Response
- 24-bit Vojtko™ DSP Engine
- WBT Binding Posts
- Anthem Room Correction (ARC™)
(sold separately)





System Frequency Response

29–23,000 Hz ± 3 dB

Recommended Amplifier Power

50–550 Watts per channel at 4 ohms

Dispersion

Horizontal: 30 degrees

Vertical: 44-inch (112 cm) line source

Sensitivity

91 dB / 2.83 volts / meter

Impedance

Nominal: 4 ohms, 0.6 ohms @ 20 kHz

Crossover Frequency

300 Hz

High/Mid Frequency Driver

XStat CLS Electrostatic transducer

Panel dimensions: 44 x 11-inch (112 cm x 28 cm)

Radiating area: 484 in² (3,136 cm²)

Woofers

Two 8-inch (20.3 cm) cast basket, high excursion, rigid aluminum cone with extended throw drive assembly, non-resonance asymmetrical chamber format

Amplifier

Woofer: 2 x 275 watts / channel (4 ohms),
2 x 550 watts peak

Room Correction (Woofer System)

Anthem Room Correction (ARC™) ready
(sold separately)

Components

Custom-wound audio transformer, air core coils, polypropylene capacitors. 24-bit DSP based preamplifier (used with woofer amplifier)

Controls

Bass: ± 10 dB under 75 Hz

Mid-Bass: -2 dB, 0 dB, +2 dB

ARC™ Room EQ: On, Off

Signal Inputs

WBT-0703 Cu nextgen™ 5-way binding posts feature a filigree signal conductor made from gold plated, nickel free, non ferromagnetic, pure copper for high conductivity and fully insulated. Free from eddy current effects

Inputs

AC Power, RJ45 (for ARC), mini USB (for ARC)

Power Draw

Max: 500 W per channel

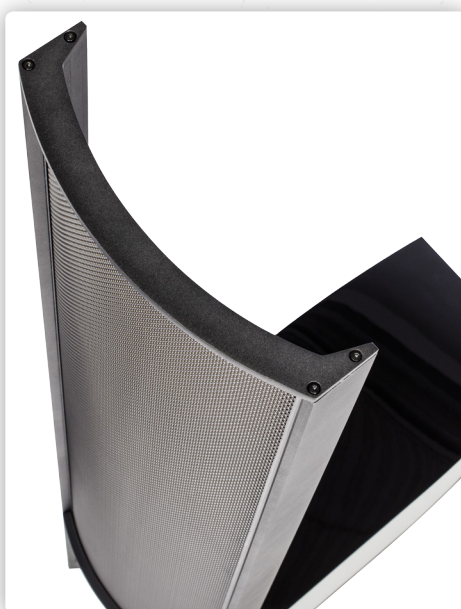
Standby: <1 W per channel

Weight

90 lbs. each (40.9 kg)

Size (H x W x D)

60.75 x 11.9 x 27.4-inch (154.3 cm x 30.2 cm x 69.6 cm)



Finish Options:



Premium Finish Options:



Specifications are subject to change without notice.