



Renaissance

ESL 15A

A MASTERPIECE OF DESIGN & ENGINEERING. Distilling nearly forty years of innovative audio design and engineering into a startlingly fresh loudspeaker ideal.

Renaissance ESL 15A represents a major evolution of our classic electrostatic loudspeaker. All of the familiar elements are here, along with some revolutionary refinements. At the heart of this exceptional loudspeaker you'll find a 15-inch Curvilinear Line Source (CLS™) XStat™ vacuum-bonded electrostatic transducer with advanced MicroPerf™ stator technology and ultra-rigid AirFrame™ Blade construction. The powerfully dynamic low-frequency experience is rendered with unflinching accuracy and authority courtesy of dual 12-inch low-distortion aluminum cone woofers. Each woofer is independently powered by a 500-watt Class-D amplifier, and controlled by a 24-Bit Vojtko™ DSP Engine featuring Anthem Room Correction (ARC™) technology.

QUICK SPECS:

- 46" x 15" XStat™ CLS™ Transducer
- Dual 12-inch PoweredForce Forward™ Woofers
- Dual 500W / Channel (4 ohms) Amplifiers
- 22—21,000 Hz ±3dB Frequency Response
- 24-bit Vojtko™ DSP Engine
- Anthem Room Correction (ARC™) ready





System Frequency Response

22–21,000 Hz ± 3 dB

Recommended Amplifier Power

50–700 Watts per channel at 4 ohms

Dispersion

Horizontal: 30 degrees

Vertical: 46" (116.9 cm) line source

Sensitivity

92 dB / 2.83 volts / meter

Impedance

Nominal: 4 ohms, 0.5 ohms @ 20 kHz

Crossover Frequency

300 Hz

High/Mid Frequency Driver

XStat CLS Electrostatic transducer

Panel dimensions: 46" x 15" (116.9 cm x 38.1 cm)

Radiating area: 690 in² (4,454 cm²)

Woofers

Two 12" (30.5 cm) cast basket, high excursion, rigid aluminium cone with extended throw drive assembly, non-resonance asymmetrical chamber format

Amplifier

Woofer: 2 x 500 watts / channel (4 ohms),
2 x 1,000 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

Light: On, Dim, Off

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: 900 W per channel

Standby: <0.5 W per channel

Weight

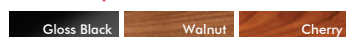
140 lbs. each (63.5 kg)

Size (H x W x D)

69.8" x 15.75" x 28.9" (177.3 cm x 40 cm x 63.3 cm)

Specifications are subject to change without notice.

Finish Options:



Premium Finish Options:

