



# *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  $\pm$ 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 in<sup>2</sup> (4,454 cm<sup>2</sup>)

### 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:  $\pm$ 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:

