



# *Expression*

## ESL 13A

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

Expression ESL 13A 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 13-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 10-inch low-distortion aluminum cone woofers. Each woofer is independently powered by a 300-watt Class-D amplifier, and controlled by a 24-Bit Vojtko™ DSP Engine featuring Anthem Room Correction (ARC™) technology.

### QUICK SPECS:

- 44" x 13" XStat™ CLS™ Transducer
- Dual 10-inch PoweredForce Forward™ Woofers
- Dual 300W / Channel (4 ohms) Amplifiers
- 24—23,000 Hz ±3dB Frequency Response
- 24-bit Vojtko™ DSP Engine
- Anthem Room Correction (ARC™)  
(sold separately)





### System Frequency Response

24–23,000 Hz  $\pm 3$  dB

### Recommended Amplifier Power

50–600 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, 0.7 ohms @ 20 kHz

### Crossover Frequency

300 Hz

### High/Mid Frequency Driver

XStat CLS Electrostatic transducer

Panel dimensions: 44 x 13-inch (112 cm x 33 cm)

Radiating area: 572 in<sup>2</sup> (3,696 cm<sup>2</sup>)

### Woofers

Two 10-inch (25.4 cm) cast basket, high excursion, rigid aluminum cone with extended throw drive assembly, non-resonance asymmetrical chamber format

### Amplifier

Woofer: 2 x 300 watts / channel (4 ohms),  
2 x 600 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: 500 W per channel

Standby: 1 W per channel

### Weight

103 lbs. each (46.8 kg)

### Size (H x W x D)

61.5 x 13.4 x 27.5-inch (156.1 cm x 33.9 cm x 69.9 cm)



### Finish Options:



### Premium Finish Options:



Specifications are subject to change without notice.