



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 ± 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 in² (3,696 cm²)

Woofers

Two 10-inch (25.4 cm) cast bracket, 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: ± 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.