

Illusion

ESL C34A

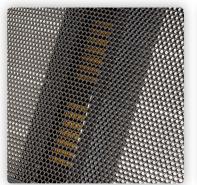
A MASTERFUL CINEMATIC EXPERIENCE. There are no illusions about the performance of the Illusion ESL C34A. A center channel speaker is the most important speaker in a multi-channel audio system, tasked with reproducing the most important audio information for imaging and realism: cinematic dialogue, anchoring effects, and a large portion of the front stage speaker information. This ultimate performance floorstanding center channel loudspeaker blurs the lines between performance and reality by combining the dynamics of a 34-inch wide XStat CLS electrostatic transducer with the detailed imaging capability of MartinLogan's exclusive Folded Motion XT tweeters. Four laser-engineered 6.5-inch woofers, driven by 250 watts of clean amplification with on-board Anthem Room Correction (ARCT) Technology, anchor the image to your screen and deliver big cinema impact. New technology joined with proven innovation produces a center channel loudspeaker unlike any other.

QUICK SPECS:

- 34.5" x 8" XStat™ CLS™ Transducer
- · Dual Folded Motion XT Tweeters
- 45–23,000 Hz ±3dB Frequency Response
- Four 6.5-inch PoweredForce Forward™ Woofers with 250W Amplifier
- · 24-bit Vojtko™ DSP Engine
- Anthem Room Correction (ARC™) ready













Finish Options:



Premium Finish Options:







System Frequency Response

45-23,000 Hz ±3db

Recommended Amplifier Power

50-600 watts per channel

Dispersion

Horizontal: 30 degrees

Sensitivity

90 dB/2.83 volts/meter

Impedance

Nominal 6 ohms

Crossover Frequency

500, 2,000 Hz

High Frequency Driver

Two 1.25×2.4 -inch ($3.2 \text{cm} \times 6.1 \text{cm}$) Folded Motion Transducer with 4.5×2.75 -inch (11.4cm x 7cm) diaphragm.

Mid Frequency Driver

 34.5×8 -inch (87.6cm x 20.3cm) CLS XStat electrostatic with two 16 x 8-inch (40.6 cm x 20.3 cm) playable areas (256 $in^2/1,652 cm^2$

Woofers

Four 6.5-inch (16.5cm) cast basket, high excursion, rigid aluminum cone with extended throw driver assembly, nonresonance asymmetrical chamber format.

Amplifier

1 x 250 watts/channel (4 ohms), 500 watts peak

Room Correction (Woofer System)

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

Components

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

Controls

Bass: ±10dB under 75Hz Mid-Bass: -2dB, OdB, +2dB ARC Room EQ: On, Off

Signal Inputs

WBT-0703Cu 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: 300W per channel Standby: <1W per channel

Weight

90 lbs. each (40.9 kg)

Size $(H \times W \times D)$

 $23.75 \times 32.35 \times 23.1$ -inch $(60.3 \times 82.2 \times 58.6 \text{ cm})$

Specifications are subject to change without notice.