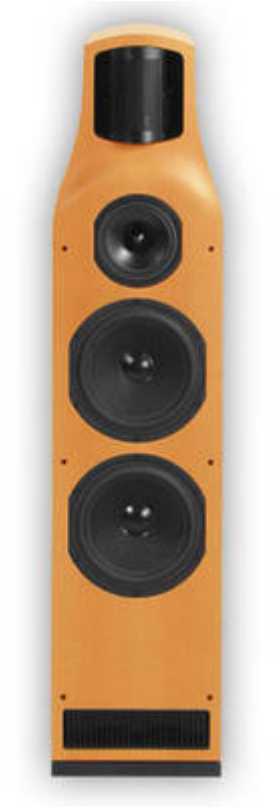
INFORMATION

CRITERION TCI 1A - ACTIVE SPEAKER



The active electronic circuit is a complete unit of modular construction, located at the rear of the loudspeaker cabinet where its terminals are exposed. A metal plate carries the input circuit board with the XLR and Cinch inputs, the mains socket, the automatic power-on circuit, the room adjustment controls and the stabilised voltage supply. The second level of circuit boards houses the active crossover unit and all the signal processing circuitry. The three output modules for the bass, mid-range and high-frequency ranges constitute the final level.

The TCI 1 Active loudspeaker incorporates yet another amplifier: a push-pull Class A valve-based output stage.

The highlights

Zero-loss, active crossover units.

Optimum coupling between the output stages and the loudspeaker drive units, combined with outstanding damping factors, providing optimum control of the travel characteristics of the speaker units.

Frequency response linearisation, expanded bass range and perfectly regulated cone travel (motional feedback).

Compensated timing for each segment of the frequency band, optimum peak handling, perfectly timed reproduction.

No transfer losses induced by loudspeaker cables. Separate power amplifiers for bass, mid-range and high-frequency ranges for improved dynamic response.

Low distortion, extremely low total harmonic distortion (THD).

Option of active compensation to match the listening room and speaker positions.

Specifications

Principle	full active floorstanding speaker

Nominal output range	3 x 450 W
Peak output range	3 x 600 W
	1 x 30 W valve based amp. for electrostatic tweeter
Constant power output (power supply)	650 W
Power bandwidth	0,1 Hz - 55 kHz
Damping factor	> 600
Frequency response	15 - 45000 Hz
Bass drive unit	2 x 270 mm
Bass / Midrange unit	1 x 180 mm
High frequency unit	Elektrostat
Crossover frequencies	200 / 3500 Hz
Dimensions (H x W x D)	140 x 32 x 44 cm
Weight	80 kg
Finishes	black, silver, alder, natural maple, walnut dark

We reserve the right to alter technical specifications