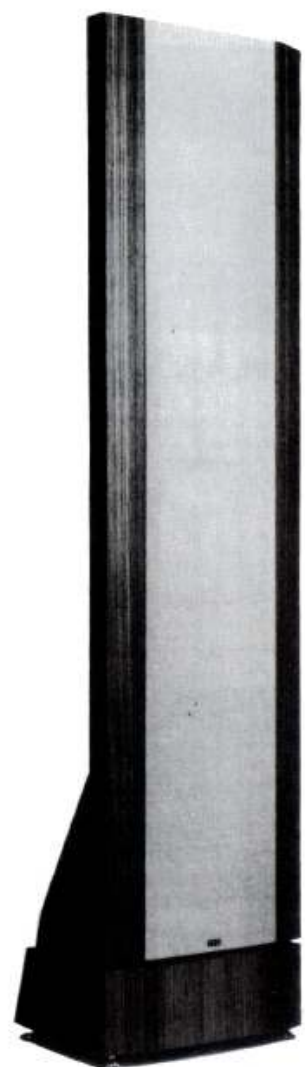
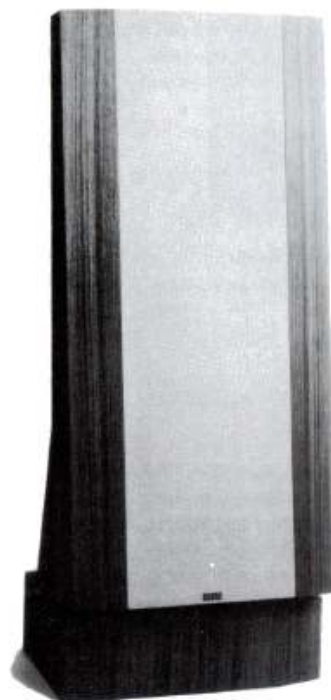


STAX electrostatic loudspeaker system



ELS-F83

ELS-F81 NEW



• The ELS-F81 New is the improved version of the highly-praised ELS-F81 single element full-range electrostatic loud speaker system. Improvements have been made in detail: (1) large cut-core matching transformer wound with LC-OFC wires (2) low-resistance, easy-operation giant binding posts to suit all kinds of thick loud speaker cables including our LC-OFC 550 (3) refined panel-base design for tighter bass reproduction as well as pleasure to see.

As in the ELS-F81, the ELS-F81 New employs a 6 microns thick polyester film diaphragm which is placed in a precise gap between the brass electrodes perforated through etching process. For a better horizontal sound dispersion characteristic, the electrodes are vertically divided into three sections and the signal to the outer sections is delayed through time constant. The high-dielectric, solid PVC framework adds or subtracts nothing to or from the original sound. This crossover-less, full-range single driver resulted in the lifelike midrange reproduction of the ELS-F81 New.

The teak-grain oil finished baffle is beveled at its edges for minimum diffraction, and the entire panel can be tilted from 0° C (vertical) to 15° backwards to improve vertical dispersion. The off-white acoustically transparent grill, together with the moderate panel size, matches well with a wide variety of listening rooms without dominating the room's decor.

• The ELS-F83 takes to a substantially superior level again all the highly-praised qualities of the ELS-F81. The doubly stacked full-range electrostatic drivers of the ELS-F83 bring extended frequency and dynamic range along with improved efficiency. In particular, the rich bass reproduction as well as extremely clean high and mid range is of the highest quality that an electrostatic could ever attain.

The ample height for enhanced line-source advantages and the signal-delay device incorporated resulted in the superb focus and soundstage recreation of the ELS-F83. The twin large cut-core matching transformers wound with oxygen-free copper wire and total freedom from crossover networks reduce distortion inevitable in multi-way systems to a minimum.

The input terminals are independent for each electrostatic driver, so that the ELS-F83 can be driven with two power amplifiers per channel. As in the ELS-F81, the protection circuit incorporated prevents the driving amplifier from being overloaded at low frequencies. The slim, elegant, teak-grain oil finished panel matches any listening room, adding more to your listening pleasure.

	ELS-F81 New	ELS-F83
Type:	Electrostatic full range loudspeaker system	Electrostatic full range loudspeaker system
Frequency Response:	40 Hz ~ 20 kHz (SPL -10 dB)	35 Hz ~ 20 kHz (SPL -10 dB)
Impedance:	More than 4 Ω	More than 4 Ω
Efficiency:	73 dB (8 Ω equivalent load)	76 dB (8 Ω equivalent load)
Momentary Max. Input:	300 W (8 Ω equivalent load)	300 W (8 Ω equivalent load)
Biasing Voltage:	3600 V	3500 V, 4300 V (switchable)
Diaphragm	6 μ m thick polyester film	6 μ m thick polyester film
Dimensions (W x H x D):	450 x 1100 x 275 mm	480 x 1965 x 350 mm
Weight:	20 kg	36 kg