



TECHNICAL DATA

S-1801	
Frequency range (-10dB)	30 Hz - 20 kHz
Nominal impedance	LF 8Ω HF 8Ω
POWER CAPACITY	
Continuous Pink Noise(1)	LF 600 W HF 50 W
Continuous Program	LF 1200 W HF 100 W
Sensitivity 1W/1m	LF 99dB S.P.L. HF 110dB S.P.L.
Crossover Frequency	1000 Hz Active not included
Horizontal Beamwidth	90°
Vertical Beamwidth	90°
Dimensions (H x W x D)	141 x 63 x 26 cm
Net Weigth	34 kg

(1) Based on a 2 hour test using a continuous 6 dB crest factor pink noise signal bandlimited according to IEC 268-1 (1985)

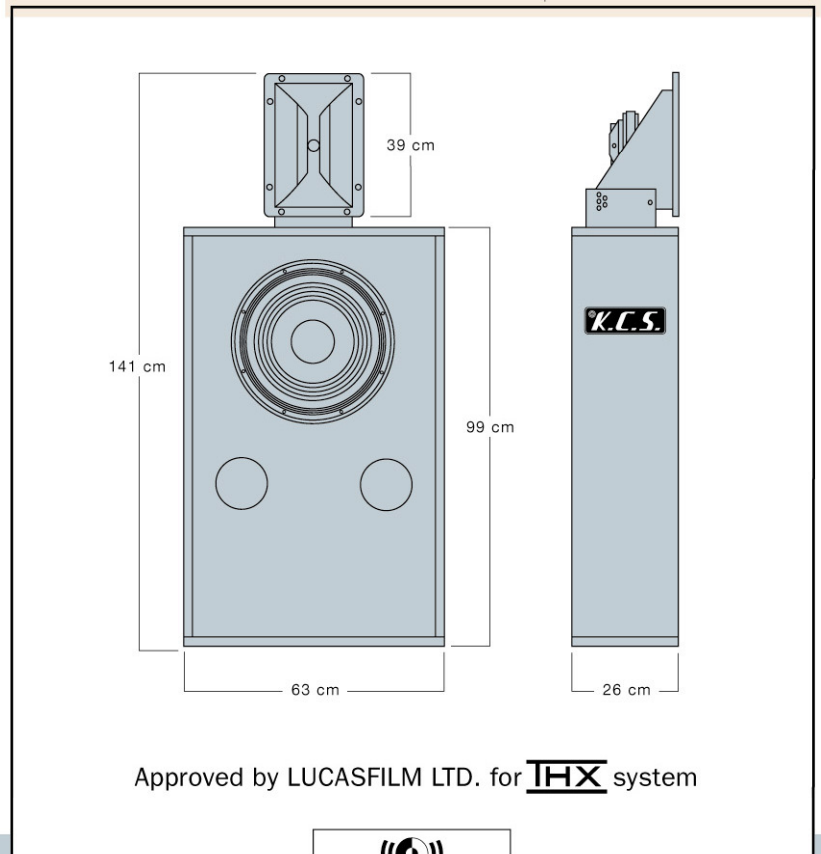
COMPONENTS

S-1801	
Cabinet	C-115 PL2
Low Frequency Driver	S-15L
Passive Network	---
High Frequency Driver	S-701
High Frequency Horn	S-95
Adjustable Mount	S-1801

K.C.S. S-1801 extra-flat speaker system is especially designed as screen channel set for small/medium size cinema theatres where there is very little space between the screen and back wall.

This speaker system consists of a bass cabinet with one 15" Ø woofer and a treble unit with compression driver, 2" Ø titanium membrane and 1" Ø mouth. A 90° x 90° constant dispersion horn provides an exceptionally uniform coverage of the auditorium, from the first to the last row.

S-1801 (bi-amplified) is designed to work with external active crossover frequency with cut at 1000 Hz. The 1000 Hz cut, as compared to the traditional 500 Hz, relieves work from the mid-frequency driver so that it can respond without fatigue to the highly dynamic demands in the high frequencies found in the digital reproduction.



Approved by LUCASFILM LTD. for **THX** system