



Approved by THX for **THX** system

K.C.S. **S-1800** and **S-1801** extra-flat speaker systems are especially designed for the screen channel in small/medium size cinema theatres where there is very little space between projection screen and rear wall. This speaker system features a bass cabinet fitted with one 15" Ø speaker, and a high-frequency unit fitted with a compression driver with 2" Ø titanium membrane and 1" Ø mouth. Its 90° x 90° constant dispersion horn provides an exceptionally uniform coverage in the auditorium, from first to last row.

S-1800 (passive) speaker system has a passive crossover with cut frequency at 900 Hz, while S-1801 (bi-amplified) is designed to operate with external active crossovers with cut frequency at 1000 Hz.

**TECHNICAL DATA**

	S-1800	S-1801
Frequency range (-10 dB)	30 Hz - 20 kHz	
Nominal Impedance	8 Ω	
<b>POWER CAPACITY</b>		
Continuous Pink Noise (1)	300 W	LF 600 W HF 50 W
Continuous Program	600 W	LF 1200 W HF 100 W
Sensitivity 1W/1m	99 dB S.P.L.	LF 99 dB S.P.L. HF 110 dB S.P.L.
Crossover Frequency	900 Hz Passive included	1000 Hz Active not included
Horizontal Beamwidth	90°	
Vertical Beamwidth	90°	
Dimensions (H x W x D)	131 x 63 x 26 cm	
Net Weight	37 kg	34 kg

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

**COMPONENTS**

	S-1800	S-1801
Cabinet	C-115PLP F-1800	C-115 PLP
Low Frequency Driver	S-15 P	
Passive Network	F-1800 Passive (Included)	Not included
High Frequency Driver	S-701	
High Frequency Horn	BC-95	
Adjustable Mount	SP-1800	

