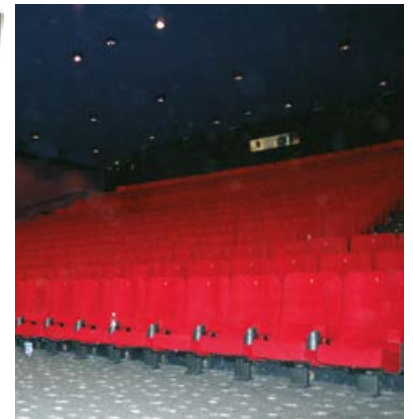


PROPHON

CINEMA SYSTEMS

High Quality cinema systems

Made in Sweden



PRESENTATION SUB18

Description and features

- Designed for High quality cinema installations
- Single 18" cone speaker design
- High power handling 1400W cont.
- High sensitivity, 99 dB half space
- Vented construction for optimum frequency response
- Double spider technology for best cone control
- Reinforced cone for handling long excursions
- Vented magnet assembly for effective cooling
- Constructed with Reinforced Medium Density Fiberboard for minimum cabinet vibrations
- 4" Voice coil for best transducer performance
- Extra thin design to allow installation where space is limited behind the screen



Design, Facts and Applications.

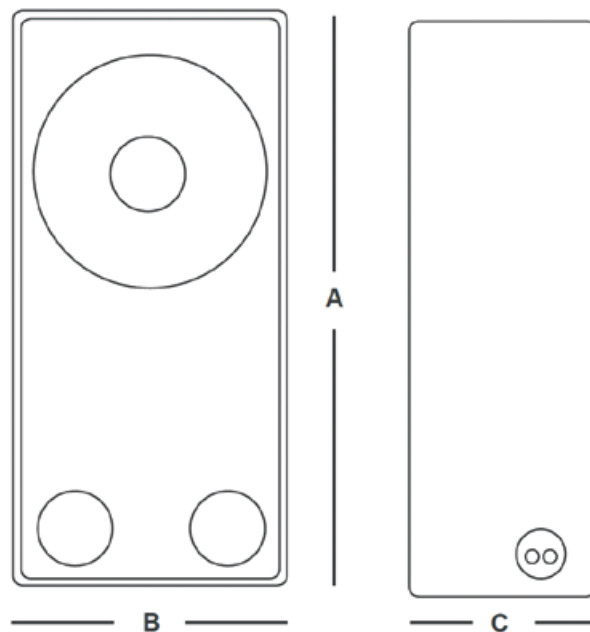
The SUB18 was designed for reproducing uncompressed 96/192kHz digital HD sound in small to medium cinemas, with a natural reproduction of low-frequency sound and effects. Easily handling the high demands put on the subwoofers in today's digital cinema. Designed to allow installation behind the screen where space is limited, taking only 370 mm. in depth, also the width is very compressed.

The SUB18 are a favorite for installing in small to medium sized cinema theatres. Specially designed bass ports prevents air flow turbulence. Fitted with a high-power custom 18" cone speaker with a 4" voice coil mounted in a front-loaded, tuned vented bassport construction.

TECHNICAL SPECIFICATIONS SUB6-HP, High Power Cinema Subwoofer

Construction	Front-loaded, tuned bassreflex
Cabinet construction	19 mm. Medium Density Fiberboard (MDF) reinforced vented box.
Finnish	two-component lacque, black textured
External features	4 x rubber feet.
LF drivers and loading	Single 18"- high power woofers
LF driver voicecoil	4"
Power handling	
LF	700W RMS (1400W cont) (2800W peak)
Nominal impedance	
LF	8 ohm
Sensitivity	99dB @ 1W/1m. 8 ohm load,
Max SPL (calculated peak)	137dB @ 2,8kW/1m.
Frequency response	24Hz - 300Hz,-6dB
Power mode	Bi-amplified with DSP processor or DSP amplifier
Connectors	Gold plated pole screw terminals (red = positive / black = negative)
Pre-programmed DSP System processor	PROPHON DX48, PROPHON DSP480
Suggested power on amplifier	1000W @ 8 ohm
Suggested amplifier	PROPHON PL3400, P3000, P3000DSP, P10000
Total channels on external DSP	1 input and 1 output with DSP processed sound
Measurements mm.	(A) H1130 x (B) W540 x (C) D370

MEASUREMENTS SUB18



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