



# 4670

## Cinema Loudspeaker System

### Cinema Series

### Key Features

- ▶ Frequency Range: 35Hz to 20kHz
- ▶ Sensitivity: 100dB(LF), 112dB(HF)  
1 watt, 1m (3.3 ft)
- ▶ Power capacity: 1200 Watt (LF)  
100 Watt (HF)
- ▶ Components: Dual 380mm(15in)  
low freq speakers  
100mm (4 in)  
compression driver  
90° x 40° Horn



The P.audio 4670 provides powerful, smooth and accurate reproduction of motion picture soundtracks in medium and large cinemas. The HF high frequency pack features the P.audio PA-D99, 100 mm (4") diaphragm compression driver, P.audio PH-2380 horn with fully adjustable bracket. The large horn ensures uniform dispersion of the high frequency information throughout both the vertical and horizontal coverage angles. The low frequency section consists of 2 nos. P150/2226 380 mm (15 in) transducers providing high power handling with extremely low power compression providing highest acoustic power output possible. The transducers feature 100 mm (4 in) voice coils operating in a large symmetrical magnet structure reducing second harmonic distortion. The systems are specifically designed for bi-amplified installations to provide the highest acoustic power output possible to fully realize the wide bandwidth and increased dynamic range of today's cinema sound formats.

### Specifications:

System Specifications:	
Frequency Range (-10dB):	35Hz - 20 kHz
Frequency response ( $\pm 3$ dB):	40 Hz - 16 kHz
Power capacity (LF):	1200 W (2 pcs. Of P150/2226)
Power capacity (HF):	100 W (PA-D99)
Sensitivity (LF):	100 dB (1 W, 1 m)
Sensitivity (HF):	112 dB (1 W, 1 m)
Nominal Impedance (LF):	4 Ohms
Nominal Impedance (HF):	8 Ohms
Recommended crossover frequency:	600 Hz - 800 Hz
Nominal coverage:	100° horizontal, 100° vertical PH-2380 Horn
Half space reference efficiency:	6.30%
Maximum continuous acoustical: power output (sine wave input)	28 acoustical watts
System polarity:	Positive voltage to Red terminal produces forward cone motion

Sonotone loudspeakers and electronics are covered against defects in workmanship or materials for a period of two(2) years from the original date of purchase. At the option of Sonotone, the defective item will be repaired/replaced with no charge for materials/labor. The item is to be adequately packaged and dispatched, pre-paid, to a Sonotone authorized distributor/service center. Unauthorized repair shall void the warranty. This Sonotone warranty does not cover cosmetics or finish and does not apply to any items which in Sonotone's opinion have failed due to user abuse, accidents, modifications of any type of misuse.