

# Product Detail Page



## SP-4/60PRO

Number: 10.1600

PA midrange speaker, 60 W<sub>MAX</sub>, 30 W<sub>RMS</sub>, 8 Ω

- 10 cm (4") PA midrange speaker
- Midrange speaker from the L-RAY/1000
- Very linear and wide frequency range
- Excellent sound and dynamic characteristics
- Due to a great linear excursion for a midrange system, a very low crossover frequency at subwoofer systems is possible
- Ideally suited for small PA systems, column speakers and also as a hi-fi midrange speaker

### HOBBY HiFi 01/2013

"Impressively low THD values for a crystal-clear reproduction of the midrange."

### HiFi-Selbstbau 07/2012

"Attractive price, unobtrusive, yet very good. This perfectly describes the midrange speaker SP-4/60PRO from IMG Stage Line. You can often be more successful when using your head instead of excessive material, ... The staff from MONACOR know exactly why they accommodate two of the SP-4/60PRO in the PA combination L-RAY/1000. We have always been curious as to why they only used a 10 cm speaker - but now we know why: the speaker is capable of a powerful bass reproduction without any kind of hesitation. They have done EVERYTHING right."

## Technical Facts

Impedance (Z)	8 Ω
Resonant frequency (fs)	92 Hz
Max. frequency range	f3-10,000 Hz
Music power	60 W <sub>MAX</sub>
Power rating (P)	30 W <sub>RMS</sub>
SPL (1 W/m)	90 dB
Suspension compl. (Cms)	0.47 mm/N
Moving mass (Mms)	6.3 g
Mech. Q factor (Qms)	5.35
Electr. Q factor (Qes)	0.67
Total Q factor (Qts)	0.60
Equivalent volume (Vas)	3.04 l
DC resistance (Re)	6.76 Ω
Force factor (BxL)	5.85 Tm
Voice coil induct. (Le)	0.3 mH
Voice coil diameter	25 mm
Voice coil former	Kapton
Linear excursion (XMAX)	± 2.3 mm



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Eff. cone area (Sd)	68 cm <sup>2</sup>
Magnet weight	-
Weight	0.9 kg

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