

# SP-4/60PRO

Order no.: 0101600

## PRODUCT INFORMATION

**PA midrange speaker, 30 W, 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
- Very low crossover frequency at subwoofer systems possible due to a great linear excursion for a midrange system
- 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.”

**Manufacturer information:**
MONACOR INTERNATIONAL GmbH & Co. KG
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28217 Bremen
Germany
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## SPECIFICATIONS

| **SP-4/60PRO** | |
|---|---|
| Impedance (Z) | 8 Ω |
| Transmission technology | cable |
| Frequency range | f3-10,000 Hz |
| Resonant frequency (fs) | 92 Hz |
| Power rating (RMS) | 30 W |
| Peak music power output (MAX) | 60 W |
| SPL | 90 dB/W/m |
| 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) | 3.0 l |
| DC resistance (Re) | 6.76 Ω |
| Force factor (BxL) | 5.85 Tm |
| Voice coil induct. (Le) | 0.3 mH |
| Voice coil diameter | Ø 25 mm |
| Voice coil former | Kapton |
| Linear excursion (XMAX) | ± 2.3 mm |
| Eff. cone area (Sd) | 68 $cm^2$ |
| Magnet weight | 370 g |
| Magnet diameter | Ø 86 mm |
| Mounting cutout | Ø 103 mm |
| Mounting depth | 57.5 mm |
| Dimensions | 113 x 113 x 63 mm |
| Width | 113 mm |

**SP-4/60PRO**

| | |
|---|---|
| Height | 113 mm |
| Depth | 63 mm |
| Colour | black |
| Admiss. ambient temp. | 0-40 °C |
| Weight | 0.9 kg |
| Packing unit | 1 |
| Type of speaker | 4" |
| Packaging dimensions (W x H x L) | 0.135 x 0.1 x 0.135 m |
| Gross weight | 1.01 kg |
| Net weight | 0.888 kg |

**SP-4/60PRO**

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|---|---|
| EAN code | 4007754226881 |
| Net weight | 0.888 kg |