

- **Woofers 160mm in cabinet reflex**
- **Tweeter a cupola morbida in seta**
- **Sistema reflex posteriore**
- **Mobile in Mdf 60mm**
- **Pilotaggio full range passivo o BI-AMP (passivo BF/AF)**

LSS SM1 è uno studio monitor Near-field progettato per tutte le applicazioni professionali che richiedono un riferimento preciso nel missaggio e nella post produzione audio-video.

- **160mm LF in vented enclosure**
- **26mm soft dome tweeter**
- **Powering mode full range passive or BI-AMP (passive MF/HF)**
- **For portable use or permanent installation**

The Sm1 is Near-field tracking and mixing studio monitor High-end stereo and surround sound playback systems Mastering studio reference monitor Surround mixing for post production was designed to support the widest possible range of studio monitor applications.

Sm1

COMPACT 2-WAY STUDIO MONITOR SYSTEM



## Product Information

LSS Sm1 è uno studio monitor Near-Field di altissime prestazioni. La risposta in frequenza estremamente piatta e l'estrema naturalezza timbrica lo assicurano come un preciso riferimento in applicazioni audio professionali. L'allineamento fisico dei trasduttori, il reflex a sezione rettangolare e l'elevato spessore del cabinet (60mm sul frontale) determinano prestazioni senza compromessi. SM1 utilizza un woofer da 160 mm con cono in Cellulosa smorzata con supporto della bobina in Alluminio, e un tweeter da 25mm con cupola morbida in Seta trattata supporto in Alluminio e bobina raffreddata al Ferrofluido. Il crossover è realizzato con componenti selezionati al 5% di tolleranza e lo stesso è provvisto di un sistema di protezione dinamica per il Tweeter TwGuard. SM1 può essere pilotato in modalità full range bi-amp o bi-wire.

LSS's SM1 is a precise loudspeaker for near-field sound monitoring. Ultra flat frequency response and physical phase alignment assure a precise reference for pro audio applications.

SM1 is a two way system comprising a 160 mm woofer and 25 mm soft dome tweeter in a special vented cabinet.

The woofer has a 120mm superb magnet and a 38mm voice coil with long excursion.

The tweeter is a 25mm of impregnated silk soft dome. LSS's advanced crossover included professional protection of HF TW GUARD.

The SM1 offers a switchable powering mode: passive operation using the internal crossover filter network or bi-amplified operation.



**LSS Advanced Speakers Systems**

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# SM1

## Dimensions

### COMPACT 2-WAY REFLEX STUDIO MONITOR SYSTEM

#### Data Sheet

#### Physical

##### Dimensions mm ( $\pm 1$ mm)

- Height **386**
- Front Width **230**
- Depth **286**

##### Weights Kilograms

- Net Weight **7**
- Shipping Weight **10**
- System Configuration **2way full range**

##### Enclosure Material

- Enclosure material **MDF 60mm + MDF 20mm**
- Finish **Natural Wood texture poliuretanic black paint**
- Connectors **One Neutrik NI4 speakon**

#### Performance

##### Frequency Response

- $\pm 5$  dB **55Hz to 20KHz**
- $-10$  dB **45Hz**

##### Sensitivity (dB 1 watt @ 1 m)

- Full Range Passive **90dB**
- LF **90dB**
- HF **91dB**

##### Nominal Input Impedance (ohms)

- Full Range Passive **8**
- LF **8**
- HF **8**

##### Power Handling (watts cont. AES)

- Full Range Passive **150**
- LF **90**
- HF **100**

##### SPL (referenced to 1 m 1w)

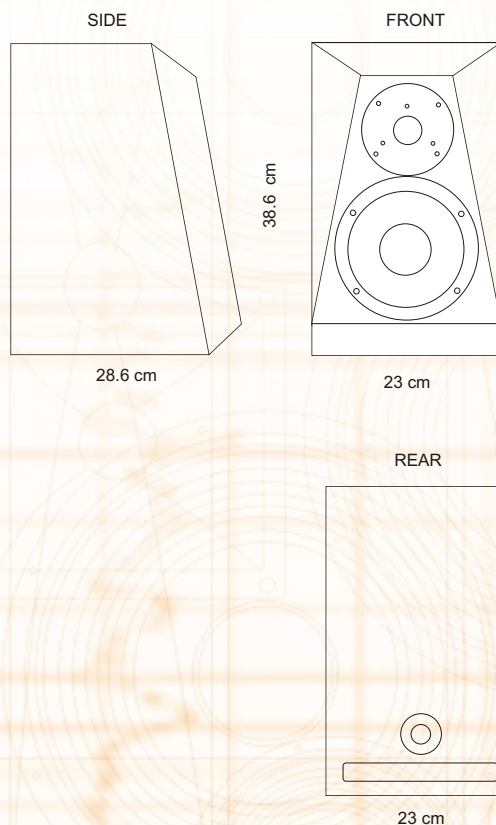
- Full Range Passive **90dB**

##### Nominal Dispersion (degrees @ - 6 dB)

- Horizontal **60°**
- Vertical **40°**

- Product Series **STUDIO**
- LF Subsystem & Loading **One 160mm woofer vented**
- HF Subsystem & Loading **One 25mm Silk soft dome**
- Crossover 2 way **12/6dB**
- Sistem Protection **TW Guard**
- Operating Mode **Passive or BI AMP (passive LF/HF)**

#### Additional Date



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