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# Technical Data Sheet

## SCM25A Pro: high performance 3-way compact active loudspeaker

### key features

- compact very high performance 3-way studio monitor
- proprietary ATC 75mm/3" soft dome mid-range driver for exemplary mid-band reproduction over a wide, stable sound field
- short-coil (underhung), carbon-paper cone bass driver for low colouration and high max SPL capability
- handbuilt, 3-channel class A/B amplifier featuring 4th order filters and FET momentary gain reduction
- 19" rack mountable

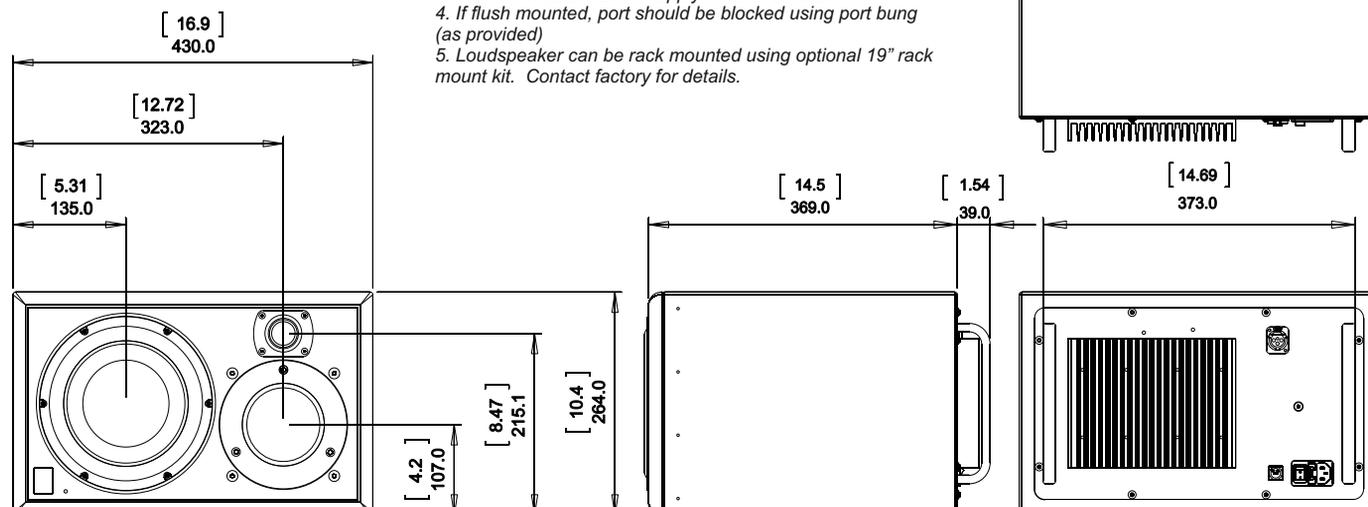


### specifications

- drive units
  - bass: 1 x 7"/175mm short-coil carbon-paper cone
  - mid: 3"/75mm soft dome
  - hf: 1"/25mm soft dome
- amplitude linearity
  - 74Hz - 17kHz (+/-2dB)
- cut-off frequencies
  - 47Hz - 22kHz (-6dB freestanding)
- horizontal dispersion
  - +/-80° coherent
- vertical dispersion
  - +/-10° coherent
- maximum continuous SPL
  - 109dB (per pair at 1m)
- audio input
  - rear panel mounted female xlr (pin 2 +)
- input sensitivity
  - 1V rms (ref. full output)
- input sensitivity trim
  - 0dB to -6dB (continuously variable via rear panel trimmer)
- input impedance
  - balanced >10kΩ
- amplifier output power
  - bass: 150W rms
  - mid: 60W rms
  - hf: 25W rms
- crossover frequencies
  - 380Hz & 3.5kHz
- crossover filters
  - 4th order critically damped with phase compensation
- low frequency boost
  - 0dB to +3dB at 40Hz (continuously variable via rear panel trimmer)
- overload protection
  - active FET momentary gain reduction
- mains power requirements
  - 115/230V, 50/60Hz via rear panel switch. 100v 50/60Hz factory set
- mains power consumption
  - 56VA (standby max) 154VA (typical 1/8th power) 375VA (max)
- thermal output
  - 53W (idle) 130W (1/8th power)
- accessories
  - optional 19" rack mount kit
- weight
  - 30kg/66lbs (per cabinet)

### physical dimensions

dimensions in mm and [inches]



#### notes

1. Loudspeakers are built as mirror image pairs - left speaker shown
2. Mid-range dome is the reference listening axis
3. If flush mounted, allow 50mm/2" free space either side and above the heatsink and a supply of fresh cool air.
4. If flush mounted, port should be blocked using port bung (as provided)
5. Loudspeaker can be rack mounted using optional 19" rack mount kit. Contact factory for details.