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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



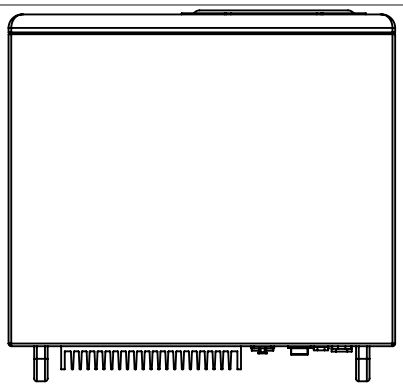
specifications

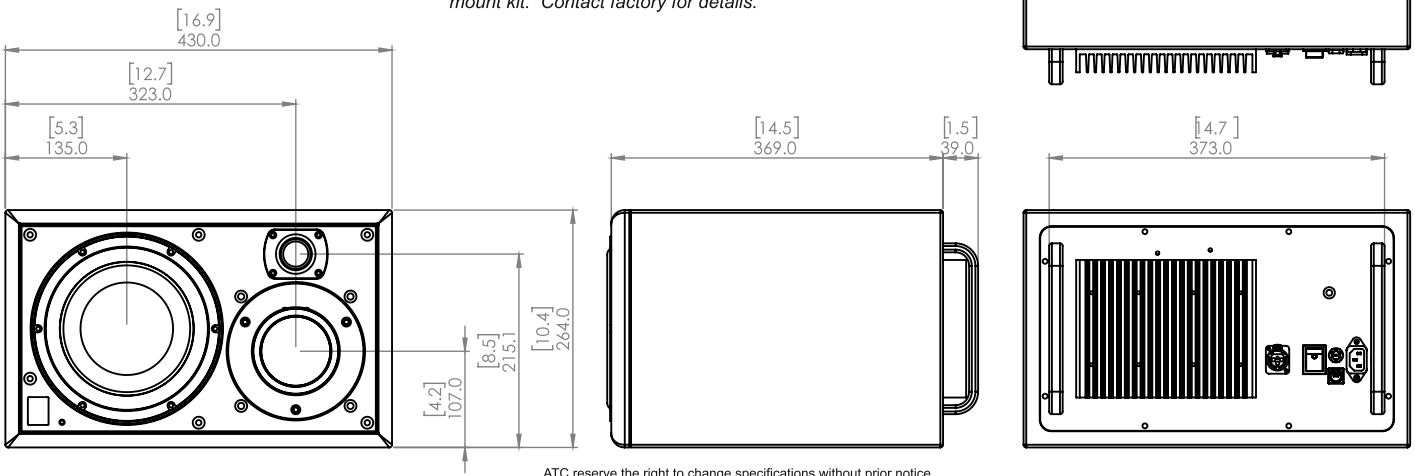
drive units	bass: 1 x 7”/175mm short-coil carbon-paper cone mid: 3”/75mm soft dome hf: 1”/25mm soft dome
amplitude linearity	74Hz - 17kHz (+/-2dB)
cut-off frequencies	47Hz - 22kHz (-6dB freestanding)
horizontal dispersion	+/-80° coherent
vertical dispersion	+/-10° coherent
maximum continuous SPL	109dB (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	24.45kg/54lbs (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.





ATC reserve the right to change specifications without prior notice
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