



Loudspeaker Technology Ltd
 Gypsy Lane
 Aston Down
 Stroud
 Glos
 GL6 8HR
 England
 Tel: +44 (0)1285 760561
 Fax: +44 (0)1285 760683
 email: info@atc.gb.net
 web: www.atcloudspeakers.co.uk

Technical Data Sheet

SCM45A Pro: high performance 3-way compact active loudspeaker

key features

- Proprietary ATC 25mm/1" Dual Suspension Super Tweeter
- ATC hand built 3"/75mm [Soft Dome mid-range driver](#).
- 2 x ATC hand built 6.5"/164mm carbon-paper cone bass drivers.
- On-board grounded source 235 watt Class A/B Tri-amplifier.
- Compact size with high output and low cut-off frequency.
- 6 year warranty.



specifications

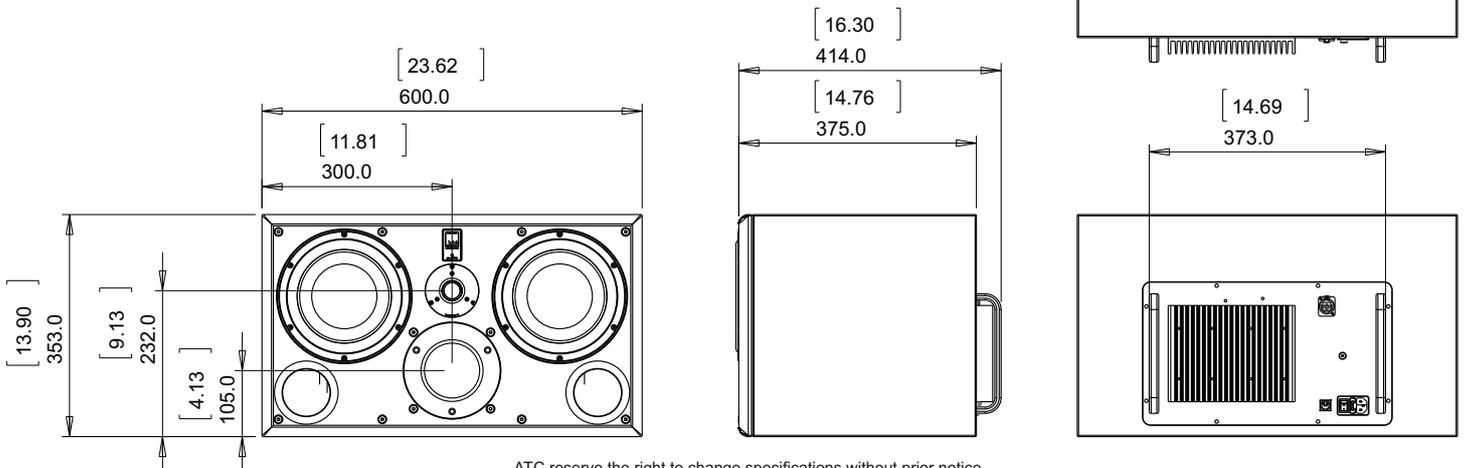
- drive units
 - bass: 1 x 6.5"/164mm short-coil carbon-paper cone
 - mid: 3"/75mm Soft dome
 - hf: 1"/25mm Soft dome
- amplitude linearity
 - 70Hz - 17kHz (+/-2dB)
- cut-off frequencies
 - 42Hz - 25kHz (-6dB freestanding)
- horizontal dispersion
 - +/-80° coherent
- vertical dispersion
 - +/-10° coherent
- maximum continuous SPL
 - 112dB (per pair at 1m)
- audio input
 - rear panel mounted female xlr (pin 2 +)
 - 1V rms (ref. full output)
 - 0dB to -6dB (continuously variable)
 - balanced >10kΩ
- input sensitivity
 - bass: 150W rms
- input sensitivity trim
 - mid: 60W rms
- input impedance
 - hf: 25W rms
- amplifier output power
 - 380Hz & 3.5kHz
 - 4th order critically damped with phase compensation
 - 0dB to +3dB at 40Hz (continuously variable)
 - active FET momentary gain reduction
- crossover frequencies
- crossover filters
- low frequency boost
- overload protection
- 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)
- weight
 - 36kg/79lbs

physical dimensions

dimensions in mm and [inches]

notes

1. Mid-range dome is the reference listening axis
2. If flush mounted, allow 50mm/2" free space either side and above the heatsink and a supply of fresh cool air.



ATC reserve the right to change specifications without prior notice