

# SCS70 Pro

## 12" Active Subwoofer

### Overview

High performance sealed box design using 12"/314mm ATC proprietary sub driver.  
 Ideal partner to the ATC SCM12, SCM20, SCM25A Pro, SCM45A Pro, SCM50A Pro.  
 Suitable for use in stereo, surround and immersive audio applications.  
 On-board 300W convection cooled discrete MOSFET class A/B amp.  
 2 x balanced XLR inputs  
 2 x balanced XLR outputs (un-filtered/processed).  
 User adjustable gain, low pass frequency, polarity and phase settings.  
 Remote sub muting via latching footswitch\*  
 In-Wall variant with remote amplifier also available – the SCS70iW Pro.

\* Footswitch supplied separately, latching type, ¼"/6.35mm jack connection.

### Acoustic specifications

**Drive Unit – Bass:** 1 x SS75-314SC 8Ω.  
**Low Frequency Cut-off:** 22Hz (-6dB, half space, low pass filter set at 80Hz).  
**Low Pass Filters:** 50Hz, 65Hz, 80Hz, 320Hz. (-6dB, 4th order Linkwitz Riley).  
**MaxSPL:** 110dB continuous, 116dB peak (IEC Weighted Pink Noise, 1m, half space, low pass filter @ 80Hz).  
**Sensitivity:** +4dBu ref 88dBc (single channel driven, Gain +6dB, Level 0dB, pink noise, low pass filter @ 80Hz).

### Electronic specifications

**Amplifier type:** Grounded Source MOSFET based Class A-B, convection cooled.  
**Output Power:** 300W in to 8Ω.  
**THD+N:** <0.003%/-90dB, at 100Hz, 300W into 8Ω over 90kHz bandwidth.  
**Input CMRR:** 90dB at 200Hz.  
**Balanced Inputs:** 2 x Rear Panel Mounted Female XLR, pin 2 hot.  
**Input Impedance:** 20kΩ (differential).  
**Balanced Outputs:** 2 x Rear Panel Mounted Male XLR, pin 2 hot.  
**Output Impedance:** 100Ω (differential).  
**Frequency Response:** <2Hz (-3dB) – 320Hz (-6dB, set by panel-controlled LP filter).  
**Low Pass Filters:** 4th Order Linkwitz Riley  
**Gain Control:** 0, +6dB, +10dB.  
**Level Control:** 0dB -11dB in 1dB steps. Total range 21dB with use of Gain switch.  
**Phase Control:** 0-180° ref. Input.  
**Polarity Control:** In-phase/Out-of-phase ref. Input.  
**Limiter:** ATC Active FET Momentary Gain Reduction, active limiter indicated via front panel LED.  
**Sensitivity:** 6dBu /1.55Vrms for full power (single channel driven, Gain 0dB, Level 0dB)  
**Mains Input:** 220-230V or 115V – Factory set. Please observe panel markings and labels!  
**Power Consumption:** Idle 8W/14VA. 1/8th Power 170W/230VA. Full Power 500W/600VA.  
**Additional:** Mute via ¼"/6.35mm Jack socket, controlled via latching footswitch (supplied separately)

### Physical specifications

See following page.



ATC reserve the right to change specifications without prior notice  
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Net Weight: 44kg / 97lbs

Dimensions...

