



# SCS70iW Pro

## 12" Active In-Wall Subwoofer

### Overview

High performance sealed cabinet design using 12"/314mm ATC proprietary sub driver.

In-Wall (flush mount) cabinet design with reduced depth & recessed connector panel.

Suitable for use in stereo, surround and immersive audio applications.

Remote mounted 7U/19" R1-300 Pro amplifier

Amp-to-Sub connection via NL4 speaker & 5-pin XLR LED cables (male-male)\*

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 foot switch\*

Free-standing subwoofer variant with on-board amp also available – the SCS70 Pro.

\* Cables supplied separately, prices according to length.

\*\* Foot switch supplied separately, latching type, 1/4"/6.35mm jack connection.

### Acoustic/Subwoofer 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: -11dBu ref 85dBC (single channel driven, Gain +6dB, Level 0dB, pink noise, low pass filter @ 80Hz).

Speaker Level Input: 1 x Rear Panel Mounted Neutrik NL4 (wired to pair 1).

Power/Clip & Mute LEDs Input: 1 x Rear Panel Mounted 5-Pin Female XLR (power/clip LED pins 1 & 2, mute LED pins 3 & 4).

### Electronic specifications R1-300 Pro (Remote Amp)

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 Front Panel Mounted Female XLR, pin 2 hot.

Input Impedance: 20kΩ (differential).

Balanced Outputs: 2 x Front 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)

Speaker Level Output: 1 x Rear Panel Mounted Neutrik NL4 (wired to pair 1).

Power/Clip & Mute LEDs Output: 1 x Rear Panel Mounted 5-Pin Female XLR (power/clip LED pins 1 & 2, mute LED pins 3 & 4).

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 1/4" 6.35mm front panel mounted Jack socket, controlled via latching footswitch (supplied separately)

### Physical specifications

See following page.

**SCS70iW Pro****12" Active In-Wall Subwoofer**ATC reserve the right to change specifications without prior notice  
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Net Weight: SCS70iW Pro (Sub): 32.5kg / 71.5lbs

Net Weight: R1-300 Pro (Remote Amp): 12kg/26.4lbs

Dimensions...

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