

C4 Sub Mk2

12" Active Subwoofer

Overview

High performance sealed box design using 12"/314mm ATC proprietary sub driver:

Ideal partner to SCM19, SCM20, SCM40, SCM50 & SCM100.

Suitable for use in stereo, home cinema and AV 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.

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.

Balanced Inputs: 2 x Rear Panel Mounted Female XLR, pin 2 hot.

Input CMRR: 90dB at 200Hz.

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.

Sensitivity: 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 1/4" 6.35mm Jack socket, controlled via latching footswitch*

* Footswitch supplied separately, latching type, 1/4"/6.35mm jack connection.

Physical specifications

See following page.



ATC reserve the right to change specifications without prior notice
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Net Weight: 42kg / 92.6lbs

Dimensions...

