



SUB 12 - Technical specifications

Subwoofer

Type	Active – Class D power amplifier Hypex: 450 W RMS @ 7.6 Ohms
Dimensions	Height x Width x Depth 49.4 cm x 49.4 cm x 49.4 cm / 19.4" x 19.4" x 19.4"
Free Field Frequency Response	2.5 dB: 16.5 Hz - 90 Hz
SPL in Free Field @ 1m	RMS: 110 dB (single subwoofer) Peak: 118 dB (pair)
Weight	38 kg / 83.8 lbs

Calibrated Controls

Input Sensitivity Switch / VOLUME (8 positions)	(-4.5dB, -3dB, -1.5dB, 0dB, 1.5dB, 3dB, 4.5dB, 6dB)
Input Sensitivity Switch / VOLUME (3 positions)	-20dB, -10dB, 0dB
Low-pass filter Switch CUT OFF	40Hz, 45Hz, 50Hz, 57Hz, 63Hz, 71Hz, 80Hz, 90Hz
Filters By-Pass Switch UNFILTERED (LFE)	Position down: filters ON Position up: filters OFF
PHASE Switch	0 degrees, 180 degrees
STAND-BY Switch	Position down: active STAND-BY Position up: continuous mode (Stand-by OFF)

Loudspeaker

Subbass Loudspeaker	Ø 35 cm (13 2/3") Diaphragm: hard paper, surround: rubber
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Amplifiers

Subbass Loudspeaker Power Amplifier	450 W RMS @ 7.6 Ohms
THD distortions	0.005 % max @ 1 W; 0.02 % max @ Pmax / 2, 20 Hz up to 20 kHz

Inputs, Outputs

INPUT right (R) and left (L)	Two types (common socket Combo): - XLR symmetrical (balanced) - TRS symmetrical (balanced) "6.3 mm" and RCA nonsymmetrical Input impedance 10 k Ω
„Loop Through” Output	XLR symmetrical, Output impedance 100 Ω

Protections

Subbass Loudspeaker Protection	Pop-free start and stop control
Power Amplifiers Protections	Overcurrent protection
Power Amplifiers Protections	Overvoltage protection

Signaling Devices

STAND-BY ON	Orange LED
CLIPPING detected	Red LED
POWER ON / DC-error detected	Green LED / Red LED