



SUB 12 Sub woofer 13 2/3" Technical Specifications

Field Monitor	Subwoofer
Type	Active – high-efficient power amplifier – D class
System	One-way
Crossover Frequency	Controlled: 34 – 120 Hz
Dimensions (with heatsink): Height × Width × Depth	49.4 cm × 49.4 cm × 49.4 cm / 19.4" × 19.4" × 19.4"
Free Field Frequency Response	± 2.5 dB: 18 Hz ÷ 100 Hz
SPLmax in Free Field @ 1m	RMS: 110 dB (single) Peak: 118 dB (pair)
Weight (piece)	38 kg / 83.8 lbs. Shipping weight 43 Kg
Loudspeaker Chassis	
Bass Loudspeaker	φ 35 cm (13 2/3") Diaphragm: hard paper, surround: rubber
Amplifiers	
Bass/Mid-Range Power Amplifier	450 W RMS @ 7.6 Ohms
THD Distortions or THD+N (Subwoofers)	0.005 % max @ 1 W; 0.02 % max @ Pmax / 2, 20 Hz up to 20 kHz
Input Voltage Level	0 dBu (i.e. 0.775 V) - calibrated regulators in 0dB positions - for 100dB SPL in Free Field @ 1m
Calibrated Controls	
VOLUME Switch	(-4.5dB, -3dB, -1.5dB, 0dB, 1.5dB, 3dB, 4.5dB, 6dB)
Input Sensitivity Switch	0dB, -10dB, -20dB
Tweeter Loudspeaker Level Switch	Phase: 0 / 180
Bass Controller Switch	Unfiltered: ON / OFF
Cut Off Switch (Subs)	CutOff: 34 Hz, 41 Hz, 49 Hz, 58 Hz, 69 Hz, LFE: 80 Hz, 100 Hz, 120 Hz
Ground-Lift Switch	Ground Lift: ON / OFF
Standby Switch	Standby: ON / OFF
AC Voltage Switch	Selector: 115 V / 230 V
Inputs, Outputs	
Inputs	2 x XLR symmetrical (balanced) Combo TSR 6.3mm 2 x RCA asymmetrical (unbalanced) Input impedance 10 kOhms
Output - „Loop Through“	2 x XLR symmetrical Output impedance 100 Ohms
Bypass	RCA bypass: ON / OFF
Protections	
Power Amplifiers Protections	Pop-free start & stop control, overtemperature protection, overcurrent & overvoltage protection
Clipping	LED
Prevention from Interferences and Hums	GROUND LIFT switch
Signaling Devices	
Power Switching On	Lit up logo – blue or white LED & lit up green LED (standby orange)
Bass Amplifier Overdrive	Lit up red LED

Wide range of special veneers and color finishes are available on request
Ask for quotation and special terms.

Sold factory direct by APS Sp.z o.o. Poland or Gotham Audio Switzerland

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