

## **SPECIFICATIONS: Audiocenter Avanda212A Line Array Loudspeaker**

<b>Type</b>	Dual 12" three-way active DSP controlled line array loudspeaker
<b>Frequency Response (-10dB)</b>	60Hz-20kHz
<b>Horizontal Coverage</b>	90°
<b>Vertical Coverage</b>	Splay angle dependent
<b>Maximum Calculated SPL/1M (Continuous/Peak)</b>	136dB/142dB
<b>HF</b>	Customized Neodymium driver, 2×3" voice coil, 1.4" exit
<b>MF</b>	Customized 4×6" driver, 1.75" voice coil
<b>LF</b>	Customized 2×12" driver, 3.0" voice coil
<b>DSP</b>	Processor: 96kHz signal sampling frequency, FIR filtering Presets: 4 Units, 8 Units, 12 Units
<b>Amplifier</b>	Circuitry: Class D Power (RMS standards): 2600W Peak power: 5200W
<b>Frequency Response (1W 8Ω 2ch)</b>	20Hz-20kHz(±0.5dB)
<b>Intermodulation Distortion (20Hz-20kHz, half power)</b>	<0.05%
<b>Total Harmonic Distortion (20Hz-20kHz, half power)</b>	<0.05%
<b>Cooling System</b>	Cooling with fans, air convection
<b>Protection</b>	DC protection Short circuit protection Overheat protection Input overload protection Output overload protection Soft startup protection Overvoltage protection Undervoltage protection



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<b>Signal Input Connectors</b>	Female XLR
<b>Signal Output Connectors</b>	Male XLR
<b>Power Input Connectors</b>	Power connector
<b>Power Output Connectors</b>	Power connector
<b>AC Power Operating Range</b>	100V-130V~ or 220V-240V~(±10%,50/60Hz)
<b>Power consumption (1/8 output power)</b>	300W
<b>Cabinet</b>	Material: Russian birch plywood
	Coating: Durable Polyurea Coating
	Colour: Black is the default colour. Contact Audiocenter for customisation
	Grille: Iron mesh
	Handles: 2 side,2 rear
<b>Angle adjustment</b>	0°, 1°, 2°, 4°, 6°, 8°, 10°
<b>Optional Accessories</b>	Frame for flying and ground stacking / Flightcase with 100mm wheels / Rain bag / Dolly
<b>Speaker Dimension (W×H×D)</b>	1220 × 344 × 464mm
<b>Carton Dimensions (W×H×D)</b>	1322 × 568 × 443mm
<b>Net weight</b>	67kg
<b>Shipping weight</b>	70kg