



AVANDA 715A

The AVANDA 715A is a professional 15-inch two-way active point-source loudspeaker with excellent sound quality and reliable performance, perfectly suited for high-quality live sound reinforcement scenarios.

It is equipped with a 3.0-inch voice coil, 1.4-inch exit neodymium driver and 15-inch neodymium woofer, paired with a dual-channel 3000W power amplifier. The horn provides uniform sound coverage of 100 x 60°, achieving a maximum sound pressure level of 135dB for premium and pristine audio output.

Built around precision-tuned FIR DSP, AVANDA 715A achieves optimized transient response, explosive dynamics and crystalline detail - all anchored by deep, tightly controlled bass that honors the integrity of the original signal.

The enclosure is constructed from premium-grade plywood, precision-machined via CNC and finished with a polyurea coating for waterproofing, abrasion resistance, and high-temperature durability. Its compact, symmetrical design ensures structural stability and practical deployment, while the base supports 0 ° /10° mounting angles to accommodate a wide range of sound reinforcement applications.

Features

- Max SPL:135dB
- Peak Power:3000W
- Frequency Response(-10dB):40Hz-20kHz
- 96kHz signal sampling frequency, FIR filtering
- Efficient Class D Amplification
- Customized Neodymium HF driver
- Customized Neodymium LF driver
- Durable Polyurea Coating



Specification

Type	Active DSP-controlled full range loudspeaker
Frequency Response(-10dB)	40Hz-20kHz
Horizontal Coverage	100°
Vertical Coverage	60°
Maximum Calculated SPL/1M(Continuous/Peak)	129dB/135dB
HF	Customized Neodymium driver, 3.0" voice coil, 1.4" exit
LF	Customized 15" Neodymium driver, 3" voice coil
DSP	
Processor	96kHz signal sampling frequency, FIR filtering
Presets	MAIN, LF BOOST, W/SUB
AMPLIFIER	
Amplifier Circuitry	Class D
Power (RMS standards)	1500W
Peak Power	3000W
Output / Input	
Signal Input	Female XLR(Mono jack 6.35)
Signal Output	Male XLR
Power Input	Power connector
Working Voltage	100V-240V~(±10%,50/60Hz)
Cabinet	
Cabinet Material	CNC machined plywood
Coating	Durable Polyurea Coating
Grille	Iron mesh
Handles	2 side
Monitor Angle	Symmetrical 45° monitoring Angle
Hanging Hardwares	Base hole Φ35mm, 0° or 10° options
Speaker Dimension (W×H×D)	421×700×427mm
Net Weight	23.0kg



AVANDA 712A

The AVANDA 712A is a professional 12-inch two-way active point-source loudspeaker with excellent sound quality and reliable performance, perfectly suited for high-quality live sound reinforcement scenarios.

It is equipped with a 3.0-inch voice coil, 1.4-inch exit neodymium driver and 12-inch neodymium woofer, paired with a dual-channel 3000W power amplifier. The horn provides uniform sound coverage of 100 x 60°, achieving a maximum sound pressure level of 132dB for premium and pristine audio output.

Built around precision-tuned FIR DSP, AVANDA 712A achieves optimized transient response, explosive dynamics and crystalline detail - all anchored by deep, tightly controlled bass that honors the integrity of the original signal.

The enclosure is constructed from premium-grade plywood, precision-machined via CNC and finished with a polyurea coating for waterproofing, abrasion resistance, and high-temperature durability. Its compact, symmetrical design ensures structural stability and practical deployment, while the base supports 0° /10° mounting angles to accommodate a wide range of sound reinforcement applications.

Features

- Max SPL:132dB
- Peak Power:3000W
- Frequency Response(-10dB):42Hz-20kHz
- 96kHz signal sampling frequency, FIR filtering
- Efficient Class D Amplification
- Customized Neodymium HF driver
- Customized Neodymium LF driver
- Durable Polyurea Coating



Specification

Type	Active DSP-controlled full range loudspeaker
Frequency Response(-10dB)	42Hz-20kHz
Horizontal Coverage	100°
Vertical Coverage	60°
Maximum Calculated SPL/1M(Continuous/Peak)	126dB/132dB
HF	Customized Neodymium driver, 3.0" voice coil, 1.4" exit
LF	Customized 12" Neodymium driver, 3" voice coil
DSP	
Processor	96kHz signal sampling frequency, FIR filtering
Presets	MAIN, LF BOOST, W/SUB
AMPLIFIER	
Amplifier Circuitry	Class D
Power (RMS standards)	1500W
Peak Power	3000W
Output / Input	
Signal Input	Female XLR(Mono jack 6.35)
Signal Output	Male XLR
Power Input	Power connector
Working Voltage	100V-240V~(±10%,50/60Hz)
Cabinet	
Cabinet Material	CNC machined plywood
Coating	Durable Polyurea Coating
Grille	Iron mesh
Handles	2 side
Monitor Angle	Symmetrical 45° monitoring Angle
Hanging Hardwares	Base hole Φ35mm, 0° or 10° options
Speaker Dimension (W×H×D)	366×610×385mm
Net Weight	20.0kg