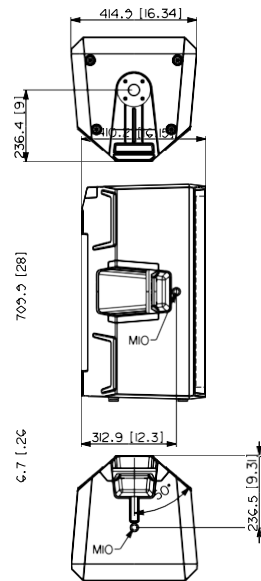# RTX15A

PROFESSIONAL ACTIVE SPEAKER

Description

RTX15-A is masterfully engineered to deliver stellar audio performance and versatility for intensive audio applications.

The combination of a 1.75" compression driver, 15" woofer, two-channel 1800 W amplifier, and a constant directivity True Resistive Waveguide produces coherent 100° x 60° coverage for the listening area with up to 132 dB SPL, distortion-free sound.

Built in DSP processing, perfectly tuned for each model, the audience will experience absolute clarity and deep, powerful bass response.

The sleek cabinet uses a special polypropylene composite material with an M-brace internal reinforcement, making it easy to carry and secure to install on a pole.

Features

› Up to 132 dB Sound Pressure Level
› 1800 W Class-D Bi-Amplification
› 45HZ-19KHZ linear frequency response
› 1.75" Compression Driver
› 15" Woofer-3"-Inch voice coil
woofer excursion management
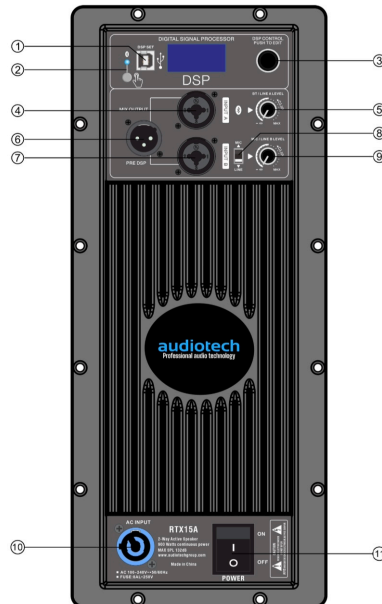
RTX15A
PROFESSIONAL ACTIVE SPEAKER

TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response	45 Hz ÷ 19KHZ
	Max SPL @ 1m	132 dB
	Horizontal coverage angle	100°
	Vertical coverage angle	60°
Transducers	Compression Driver	1 x 1.0", 1.75" v.c
	Woofer	1 x 15", 3" v.c
Input/Output section	Input signal	bal/unbal
	Input connectors	XLR, Jack
	Output connectors	XLR
	Input sensitivity	-2 dBu/+4 dBu
Processor section	Crossover Frequencies	1800 Hz
	Protections	Thermal, RMS
	Limiter	Soft Limiter
	Controls	Linear, Boost, Stage, Volume
Power section	Total Power	1800 W Peak
	High frequencies	400 W Peak
	Low frequencies	1400 W Peak
	Cooling	Convection
Physical specifications	Cabinet/Case Material	PP Composite
	Hardware	ABS
	Handles	1 Top , 1 each side
	Pole mount/Cap	Yes
	Grille	Steel
	Color	Black
Size	Height	77.5 cm/carton
	Width	47.5 cm / carton
	Depth	47.5cm / carton
	Weight	23kg –Shipping gross weight 25.5kg

RTX15A
PROFESSIONAL ACTIVE SPEAKER

Back Panel

Functions Explanation

1. USB port: connect the DSP cable to computer to adjust DSP programs

2. Bluetooth button : Press it to connect the bluetooth

3. DSP knob: Switch-over between graphic and edit modes(when pressed)and changes parameter values (when rotated)

4. Input A : audio signal for Line A input interface

5. Volume control for input A and BT : from ▬▭ to middle it is normal range ,from middle to max it is CLIP range should attention to the overload

6. Mix output : connect this interface, can provide a signal to another active speaker

7. Input B : audio signal for Line B / MIC input interface

8. Switch for exchanging the Line and Mic

9. Volume control for input B and MIC : from ▬▭ to middle it is normal range ,from middle to max it is CLIP range should attention to the overload .

10. AC input : connect powercon cable here to supply power to the unit

11. Power Switch : it allows to switch on / off the unit