



RGB logic Av All in one DSP



RGB Logic AV DSP is the ultimate choice for a high-definition audio signal processor. The most powerful HD audio available, it delivers full, continuous presence meetings with multi-location voice conferencing over its four inputs and two-output DSP, ideal for local sound reinforcement. Highly scalable and flexible, RGB Logic AV multichannel console DSP provides an HD voice communications platform. This powerful, fault-tolerant solution is ideal for the communications needs of large enterprises as well as service providers looking to offer video conferencing services. Advanced design - This is the most powerful and up-to-date microphone mixer, DSP, and amplifier available in the industry today. It is compact, simple, and extremely user-friendly, allowing you to do large-scale video conferencing from a compact audio system.

Product Features

- **Range** : Wide operating range of 100 feet
- **Power Supply Safety** : Power Supply Unit with Short Circuit, Overload and Over Voltage Protection
- **SMT Circuit** : Surface Mount Technology (SMT) Circuit
- **Efficiency** : High efficiency of ~90%
- **Current** : Very low quiescent current. It Can run on an inverter.
- **Circuit** : Technology (SMT) Circuit Integrated Self-Protection
- **Frequency lock** : Quartz-locked frequency
- **Area of application** : Classrooms, Training Rooms
- **Capacity** : 40 to 60 seater
- **Chassis** : 19-Inch chassis 1.5U (Rack Mountable) DSP with Inbuilt amplifier with wireless microphone
- System

General Specifications

Wireless Microphone System

- Frequency Type :** Quartz locked frequency
- Operating Range :** 100 Feet
- Microphone Options :** 2 x Handheld / 1 Handheld + 1 headband / 2 x headband Microphones
- Frequencies :** 5 non interfering frequencies available
- Antennas :** Soft, Flexible rubberized antennas
- Output :** Balanced Phoenix and Mixed Unbalanced 1/4" Outputs
- LCD Display :** Frequency, Group, Antenna & Channel is displayed on the LCD in the receiver
- Gain Control :** Separate gain controls for both the channels
- Microphone Frequency Response :** 40 Hz-16KHz
- Microphone Type :** UHF

Amplifier

- Power Output @ 8 ohms :** 2 X 50W, Vcc= 24V DC
- Minimum Impedance :** 8 ohms @50W
- Frequency Response :** 20 Hz-20,000Hz
- Operating Supply Voltage :** 8 V to 24 V **Type :** Class D (Digital)

Digital Signal Processor

- Frequency Range :** 30 Hz. to 16KHz.
- Automatic Echo Cancellation :** Yes
- Automatic Gain Control :** Yes
- Dynamic Noise Reduction :** Yes
- Noise Supression :** Yes
- Full Duplex :** Yes

Interface

- Input :** Built-In 1 x Handheld, 1 x headband Microphone
- Unbalanced MIC Input :** 1x 6.5mm phono jack with gain controller
- Balanced 48v/12v Phantom MIC Inputs :** 1 x Phoenix ports with separate gain controller
- Line Input :** 1 x 2RCA
- Line Output :** 1 x 2RCA
- USB Interface for PC Connectivity :** 1 x USB 2.0
- RS-232 for Controlling :** 1 x RS-232 audio controlling

Miscellaneous

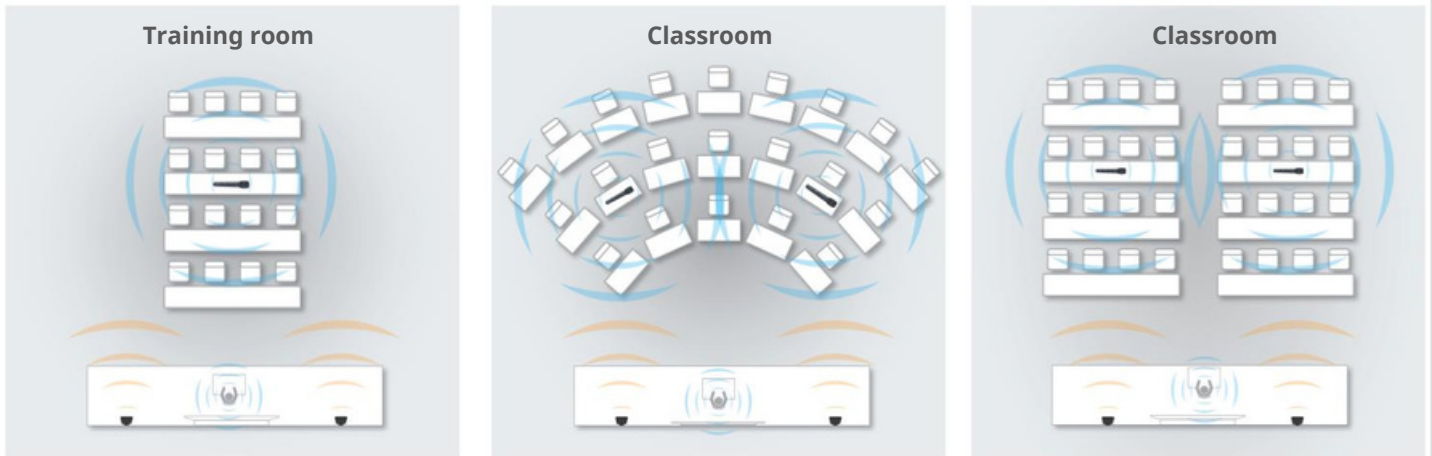
- Power Supply Unit (PSU):** Power Supply Unit with Short Circuit, Overload, and Voltage Protection
- Application :** Classrooms, Training Rooms
- Capacity :** 40 to 60 Seater
- Shape of the room :** Any

Packaging Information

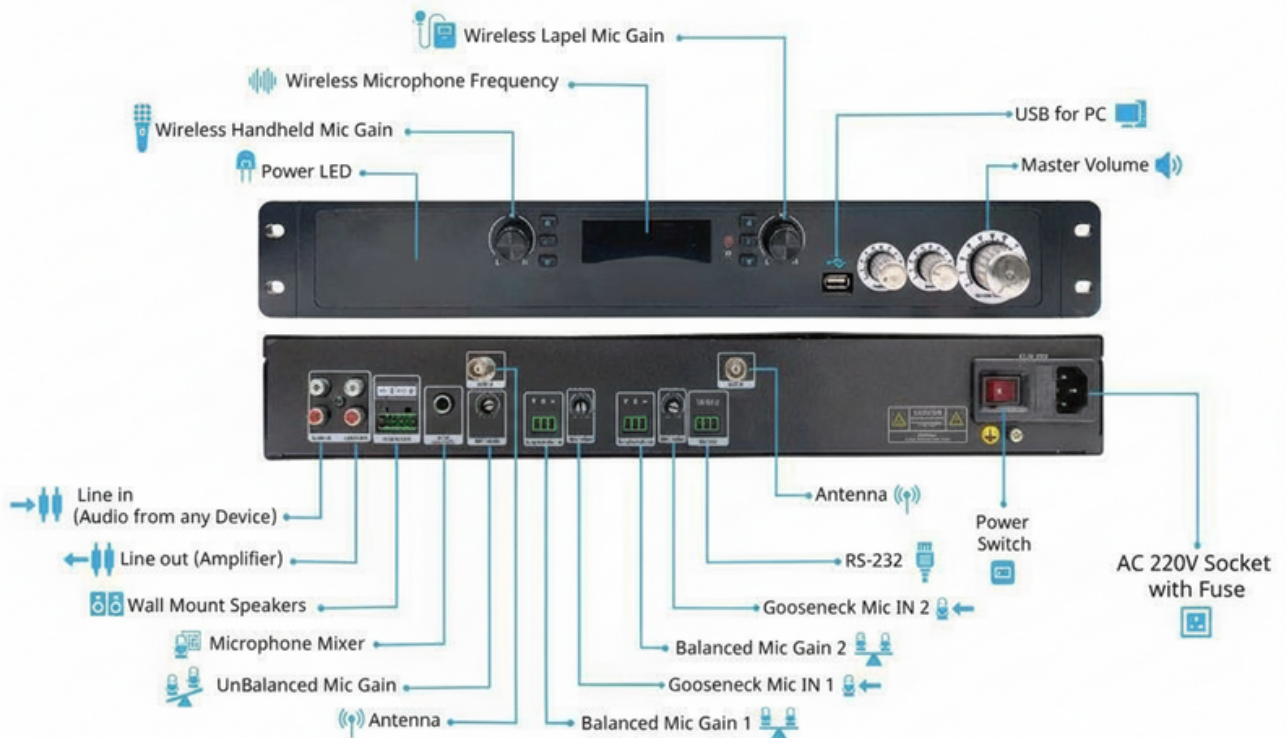
- Components :** 19 inch chassis 1.5U (Rack Mountable) with Inbuilt DSP
- Package Includes:** Inbuilt Package Includes RGB Logic AV Multi-Channel Console DSP with built-in Amplifier, Wireless Handheld Microphone, Wireless Headband Microphone, USB2.0 x 1, Cable, Stereo to Microphone, 2 RCA Cable x 2, 50W Speakers x 2



Device Set-up



Disclaimer:- Room setup diagrams provided for reference only. Actual room setup and size may vary as per requirements.



SALES AND INQUIRIES

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