

VERBA-201 A1

# VERBA -201 UHF TRUE DIVERSITY WIRELESS SYSTEM WITH AUTOSCAN – 2 HANDMIC A1 (516-558 MHZ)

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The VERBA Series UHF True Diversity Wireless System with Autoscan is a game-changing solution for anyone needing reliable, high-quality wireless audio. Perfect for live performers, sound engineers, and event organizers, it offers crystal-clear sound and flawless performance, even in crowded signal environments.

With its UHF True Diversity receiving circuitry, the system monitors two antennas for stable, uninterrupted audio. Plus, the PLL (Phase-Locked Loop) frequency synthesis ensures consistent, interference-free performance. Offering an operating range between 40 and 60m (depending on interferences and obstacles), Autoscan or manual frequency scanning options, and a quick IR pairing procedure, it's designed for easy setup and use. Its vibrant 2.5" TFT display on the receiver and 1" displays on each transmitter provide real-time feedback, while a 7-band adjustable EQ processor lets you fine-tune your sound. Customizable display colors and a 19" rack-mount receiver add a personal touch and professionalism to any setup.

Whether you're performing live or broadcasting, this system delivers reliable, clear audio with ease and precision.

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19" Rack Standard

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## PRODUCT DETAILS

### KEY FEATURES

UHF True Diversity Receiving Circuitry

PLL phase-locked frequency synthesis

Stable Performance within 40-60m Operating Distance

Integrated Antenna Distribution System

Automatic or Manual Frequency Scan

Quick IR Pairing Procedure

2-Channel and 4-Channel Systems available

516-558MHz Band Operation

Transmission bandwidth: < 100kHz

Main 2.5" TFT Color Display

1" TFT Color Display for each transmitter

7- band adjustable EQ processor

Adjustable background color for each Tx and Rx Channels

19" Rack-mount Receiver

Elegant and rugged handheld transmitter

Low noise handling microphone

Cardioid dynamic cartridge

Transmission Power: 10mW

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## SPECIFICATIONS

|                                         |                                                                                                      |
|-----------------------------------------|------------------------------------------------------------------------------------------------------|
| Receiving Channels                      | 2CH                                                                                                  |
| Carrier Frequency                       | 516-558MHz (A1)                                                                                      |
| Oscillation                             | PLL phase-locked frequency synthesis                                                                 |
| Frequency Sensitivity                   | Input 6dBμV, S/N>80dB                                                                                |
| Operating Distance                      | 40-60 meters (depending on interferences and obstacles)                                              |
| Sound Processing                        | 7-band adjustable EQ                                                                                 |
| T.H.D. (Total Harmonic Distortion)      | <0.5%@1kHz                                                                                           |
| Transmission Bandwidth                  | < 100kHz                                                                                             |
| Receiver Display                        | TFT Color Display                                                                                    |
| Receiver Power Supply                   | DC 12-18V - 1000mA                                                                                   |
| Receiver Dimensions (W/Max WxDxH/Max H) | 410/483 (with rack adapters) x 207 x 50/250 (with antennas) mm (16.14/19.01 x 8.15 x 1.97/9.84" in.) |
| Packing Dimensions (WxDxH)              | 530 x 387 x 70 mm (20.87 x 15.24 x 2.75" in.)                                                        |
| Packing Gross Weight                    | 3.4 kg (7.49 lbs.)                                                                                   |
| Handmic Pickup Gain                     | Fixed Gain                                                                                           |
| Handmic Transmission Power              | 13dB                                                                                                 |
| Handmic Current Drain                   | Standard <130mA                                                                                      |
| Handmic Display                         | LCD                                                                                                  |
| Handmic Cartridge                       | Dynamic Cardioid                                                                                     |
| Handmic Batteries                       | 2x 1.5V AA-Type                                                                                      |
| Handmic Dimensions (W/DxH)              | Ø50 x 251 mm (1.97 x 9.88" in.)                                                                      |
| Handmic Net Weight                      | 0.4 kg with batteries (0.88 lbs.)                                                                    |