



Performance Series VHF Wireless Microphone System



Description

The Performance Series VHF wireless microphone systems have been providing reliable “wired” microphone performance to performers and presenters for almost 2 decades. There are over 25 channels to select from in the VHF television range from 169 MHz to 212 MHz. Transmission range is up to 100m line of sight

There are two compact single channel receivers available. The 211VR features a detachable BNC antenna, ¼” or dual RCA mic level outputs, housed in a metal enclosure. The 200R receiver is the same electronically to the 211VR, with a captive whip antenna, ¼” output and plastic case, and is lower priced than the 211VR.

There are several transmitter options available:

- 31LT Handheld Microphone Transmitter
- 31XT XLR Plug In Transmitter for use with handheld dynamic microphones
- 31PT Beltpack Transmitter w 3.5mm stereo plug to connect to program level source (computers, MP3 players, etc.)
- 31LTN Beltpack Transmitter which accepts a variety of head and body worn microphones

Receiver Technical Specs:

Freq. Range: 25 VHF Channels (169.505 - 197.325 MHz)
Frequency Response: 40Hz to 18KHz (+/- 3dB)
Audio Distortion: less than 1.0% (\pm 15K deviation)
Dynamic Range: better than 100dB
S/N Ratio: better than 95dB
Operating Temperatures: 0° C to 45° C
Operating Range: 100m under ideal conditions
Oscillator: Crystal Controlled
Diversity Type: True Space Diversity
Receiver Type: Super Heterodyne
Image Rejection: Better than 60dB
Reception Sensitivity: Better than 15dB μ V
Reception Selectivity: \pm 150KHz
Audio Output Adj. Range: -30dB, ctr 0dB, +6dB
Audio Output Impedance: 2.2 k ohms
Power Requirements: 12V DC 300mA

211VR

Dimen.: 98.4(W) x 160.4(D) x 47.6(H) mm
3.875" x 6.3125" x 1.875"
Weight: 500g (17.6 oz)

200R

Dimen.: 5.55"W x 5.1"D x 0.95"H
141 x 129.5 x 24mm
Weight: 12oz - (340.2g)

Transmitter Technical Specs:

Frequency Range: 25 VHF Channels (169.505 - 197.325 MHz)
Frequency Response: 40Hz to 18KHz (+/- 3dB)
Audio Distortion: less than 1.0% (\pm 15K deviation)
Dynamic Range: better than 100dB
S/N Ratio: better than 95dB
Operating Temperatures: 0° C to 45° C
Operating Range: 100m under ideal conditions
Oscillator: Crystal Controlled
Type of Emission: FM

31LTN

Antenna: External Antenna
Pre-emphasis: 50 Micro Sec.
MAX Input Level: 0dBm - 10dBm
Microphone: Lav. or Headset
RF Output Power: 30mW
Input Impedance: 2.2 k ohms
Audio Adj. Range: +30dB
Battery: 9v (006p)
Battery Life: 8 to 10 hours with Alkaline Battery
Dimensions: 86(H) x 60(W) x 21.5(D) mm
3.4" x 2.4" x 0.85"
Weight: 112g (Without Battery, Mic, Cable) - (3.9 oz)

31HT

Antenna: Internal Antenna
Microphone Unit: Unidirectional Dynamic
RF Output Power: 10mW
Input Impedance: 8 ohms
Audio Adj. Range: n/a
Battery: 1 (AA)
Battery Life: 8 to 10 Hours with Alkaline Battery
Dimensions: 62mm(ϕ) 221mm(L) - (2.4" x 8.3")
Weight: 213g (7.5 oz) Without Battery

31XT

Antenna: External Antenna (Mic housing)
Pre-emphasis: 50 Micro Sec.
MAX Input Level: 0dBm - 10dBm
Microphone Unit: n/a
RF Output Power: 15mW
Input Impedance: 47 ohms
Audio Adj. Range: +30dB
Battery: 1 (AA)
Battery Life: 6 to 8 hours with Alkaline Battery
Dimensions: 33mm(ϕ) x 120mm (H) - (1.3" x 4.7")
Weight: 92g (3.3 oz) Without Battery

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