



Univox® IR 1411

Infrared Transmitter
for small to medium size area

Features

- Secure wireless communication
- Compact design
- 2 Watt infrared emitter with integrated modulator
- Selectable 2.3 and 2.8MHz carrier frequencies
- 600m² coverage range
- 2 mono channels or 1 stereo
- 72 high efficiency diodes for maximum coverage
- Convection cooled
- Automatic gain control
- Power-save mode with Auto On/Off function
- Audio level indicators
- Volume control
- Wall/ceiling mount included



High Performing Assistive Listening

Univox® IR1411 is a compact yet powerful IR transmitter for small to medium size venues. The sleek low-profile design allows for quick and easy installation in boardrooms, houses of worship, cinemas/theatres, court rooms, nursing homes, auditoriums and class rooms etc.

The powerful infrared transmitter features an all-in-one modulator and 72-diodes emitter for high performance and large coverage - up to 600 m² with a single unit.

Univox® IR1411 provides wireless assistive listening with high audio quality. With two mono channels or single channel stereo operation on 2.3 and 2.8 MHz carrier frequencies, the unit is ideal for applications where information security and overspill control is of importance.

Univox IR System



Transmitter IR 1411

Receiver IRR-1

USB 5 slot charger station

Univox® IR 1411 Transmitter

Technical data

Modulation	FM, + 35kHz nominal + 50kHz peak
IR Light Wavelength	870nm
Carrier Frequency	2.3MHz, 2.8MHz or Stereo: 2.3MHz (Left) and 2.8MHz (Right)
Pre-emphasis	50µS
Audio Frequency response	50Hz - 18kHz (±1 dB)
Total Harmonic Distortion	< 1%
Signal-to-noise Ratio	75dB
Input 1 (MIC 1)	Balanced XLR Impedance: >50Ω / >2kΩ Phantom Power: Approx. 12VDC Maximum input level: 20dBm (7.75V)
Input 2 (Line 1/Line 2)	Unbalanced Line, Stereo Input. Two 3.5mm connectors
Input 3 (RCA IN)	Unbalanced Line, Stereo Input. Two (RCA) Phono connectors Input: -10dBu Nominal +14dB headroom Impedance: 10kΩ
Indicators	Green LED: nominal range of audio level Red LED: audio peak indicator, approaching audio distortion
Output connection	BNC x 1
RF Output Voltage	Approx. 750 mVrms (2Vpp)
Output Impedance	Approx. 50kΩ
IR LEDs	72 diodes
Radiating Power	Approx. 2W
Coverage	Up to approx. 600m ² (6458ft ²)
Supply Voltage	19VDC min - 28VDC max
Power Supply Input	100-240VAC 50/60Hz
Power Supply Output	24VDC @ 2A
Power Connection	2.5mm DC jack (or 4-Pin Phoenix connector)
Weight	450g (1lb); Power Supply: 360g (0.8lb)
Dimensions	(W) 210 x (D) 70 x (H) 80mm (8.3" x 2.8" x 3.1")
Color	Black
Part no	650300



For complete manual, please refer to univox.eu.

