

DX2040



PRODUCT SPEC



DX2040 RECEIVER

STEP UP

The DX2040 true diversity receiver is the newest addition to Audio's RMS2040 range of radio microphone systems and delivers the broadcast quality audio that the 2040 system is already renowned for.

Wider Switching Bandwidth

The all new design incorporates the latest advanced technology to enhance multi-channel operation with a switching bandwidth of up to 24MHz and 32 pre-programmed frequencies.

AA Batteries

The receiver is internally powered from two 1.5V, AA (LR6) type batteries giving up to 5 hours use on good quality alkaline batteries (longer using lithium type), and can be externally powered (with a supply range of 6-18V DC) using cables available from Audio.

Innovations

The DX2040 receiver has Audio's unique infrared interface allowing the user to set all parameters via the SwitchiR, a keyfob-sized remote control unit. Additionally, scanning with signal strength on location is possible through AudiR for Palm (free download available from: www.audioltd.com). These features are normally only found on mains powered studio based rack systems.

Compatibility

A standard six pin Lemo™ connector interface means existing cables can be used and the receiver is fully backwards compatible with Audio's transmitters from the RMS2020 and RMS2000 ranges.

Frequency range: 470 – 960MHz (*specify at time of order*)

Switching bandwidth: Up to 24MHz

Number of switchable frequencies built in: 32

Sensitivity: -98dBm for 40dB SINAD

System audio frequency response: 50Hz – 18kHz ±1dB

System THD (Total harmonic distortion): < 0.2% typical

Signal to Noise Ratio: 96 to over 104dB

Size: 136 x 63 x 20 mm

Weight: 225g (without batteries)

Compliant to: R&TTE 1999/5/EC, FCC

Battery type: 2 x 1.5V LR6, AA type

External supply range: 6 – 18V DC

Operating temperature range: -20 to +55°C

LED indicators: yellow (x2) - diversity switching
bright red - no signal
orange - low TX battery
red - low DX battery

Output connector: 6 pin Lemo™ – providing transformer balanced microphone level (-26dBV max.) adjustable, headphone level

Antenna connector: 2 x SMA

Interface: Infrared (SwitchiR)



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