

DX miniature true-diversity receiver

Technical data



DX miniature true-diversity receiver

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| Frequency range | 470 – 865MHz (specify at time of order) |
| Switching bandwidth | Up to 40MHz in 25kHz steps |
| Number of audio channels | 1 |
| Receiver type | True-diversity |
| Number of frequency tables | Up to 10 |
| Number of factory pre-set frequencies | 32 in each table |
| Number of user selectable frequencies | 32 in each table (selectable in 25kHz steps) |
| Manual tune mode | Yes - in 25kHz steps (can be saved to memory) |
| Scan modes | Scan for free channel Scan for transmitter Table scan with spectrum analyser display |
| Modulation mode | Wideband FM |
| Frequency stability | ±0.002% |
| Sensitivity | -98dBm (2.8uV) for >40dB SINAD |
| Image rejection | > 80dB |
| Audio frequency response | 50 – 18kHz |
| Signal-to-noise ratio | >100dB (±45kHz deviation) |
| Total harmonic distortion | <0.3% typ. |
| Audio output voltage (balanced) | 0dBV typ. (±45kHz deviation, 1kHz) |
| Audio output attenuator | 0dB, -12dB, -24dB, -36dB (selectable) |
| Monitor/headphone output | 30mW at 32Ω, adjustable |
| Output connector | Binder 7 pin screw-locking |
| Display | OLED blue, 128x32 pixels |
| Control | 3 position navigation switch |
| Battery type | 1 x 1.5V alkaline LR6 AA size |
| Battery life | 2 to 3 hours depending on battery type. Audio recommends using NiMh type batteries |
| External supply voltage | 6 – 18V DC (120mA @ 12V) |
| Operating temperature range | -20° C to +55° C |
| Weight | 118 grams (without batteries) |
| Dimensions | 63mm (W) x 82mm (H) x 20mm (D) |
| Accessories | Flexible clear antennae (straight) Flexible clear antennae (right-angle) External powering output cable Hirose and XLR male connectors Monitor/Headphone output cable (Other output cable types available on request) Camera mount with hot-shoe attachment Neoprene pouch |

For further information contact Audio Ltd or your local distributor

www.audioltd.com

As we are always seeking to improve our products, specifications shown are subject to change.