

# DX miniature true-diversity receiver

## Technical data



## DX miniature true-diversity receiver

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

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