



A Long-Range, Over-The-Air Radio Waveform Analyzer

NX-200 Remote Receiver Product Sheet

Expand DiagnostX Coverage Across Your Entire Radio System



The **NX-200 Remote Receiver** expands DiagnostX coverage across your entire radio system by capturing transmissions and sending performance data directly to the DiagnostX Viewer. When paired with the MX-3000 Master Unit or DX-2002 Series, it provides a unified, real-time view that enables faster, more confident radio analysis.

For larger-scale systems, the MX-3000 Master Unit serves as a centralized data hub. Built with powerful hardware and high-performance processors, it handles data reliably and at speed. The unit efficiently receives performance results streamed from your NX-200 Remote Receivers and intelligently combines them into one unified, clear view within the DiagnostX Viewer (DV) console, ensuring a highly-accurate analysis across your entire radio deployment.

The DX-2002 Series is better suited for smaller radio monitoring systems. This powerful and scalable solution supports smaller deployments where up to three (3) NX-200 Remote Receivers can be connected to a single DX-2002 device. Both the DX-2002 and the NX-200 function as data receivers, with all remote data forwarding across an IP network back to the DX-2002 for presentation in a consolidated view. The device is exceptionally light on bandwidth, requiring only about 13 KB per transmission.

NX-200 Specifications

- Frequency Bands: VHF 136-174; UHF (380-430, 450-470, 470-512 MHz); 700; 800; 900 MHz
- Supported Protocols: P25T, P25C, DMR, EDACS, MDC 1200APL, NXDN, and SmartNet/SmartZone
- Automatic Frequency Control (AFC) Software
- Encryption: AES-256
- Sensitivity: -117 dBm (10dB s/n)
- Connector Type: SMA Female/Requires SMA Male Connector
- Temperature: 0 to 50°C (32 to 122°F) / Humidity: 10% to 85% @ 50°C, non-condensing
- Power Requirements: Universal AC, 100V-240V, 50Hz-60 Hz, and 1.0 AMP Nominal
- Dimensions: 2.65" H x 17" W x 13.75" D
- Weight: ~16 lbs.
- Hardware: 19" Rack Mount

Contact LocusUSA for more information or a quote at (321) 727-3077 or sales@locususa.com.

Patent Nos.

United States: #8,565,096, #8,600,371, #8,825,042, #8,948,022, #9,282,482, #9,432,866, #9,681,321, #9,743,302, #9,961,578, #10,200,902, #10,244,417, #10,609,585, #10,659,982
Australian: #2010235881, #2012253596 #2015203442 • Canadian: #2,746,238 • European: EP 2707798 B1 • Other patents pending.

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