



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

NX-200 Remote Receiver Product Sheet

Extend the DiagnostX Coverage of a Radio System



The DiagnostX NX-200 Remote Receiver is designed to extend the DiagnostX coverage of a radio system at a reduced cost. Many agencies have combined multiple DiagnostX instruments to set up a networked configuration to ensure continuous system-wide coverage. It is now possible to use the smaller, more economical NX-200 to achieve the same result.

Up to three (3) NX-200 Remote Receivers may be networked to a single DX-2002 Series instrument. All the data is forwarded across an IP network back to the DX-2002 and presented in a single consolidated view. The data transfer rate is only 13 KB per transmission sent. Both the DX-2002 and the NX-200 instruments function as receivers on the network.

The DiagnostX MX-3000 Master Unit is designed to accommodate the requirements of larger systems, utilizing more robust hardware with higher performance processors. The MX-3000 does not function as a receiver; it receives data from the NX-200 Remote Receivers and combines the results into a single view in the DiagnostX Viewer (DV) console.

NX-200 Series Specifications

- Available Frequency Bands: VHF (136 - 174); UHF (375 - 430), (450 - 470), (470 - 512); 700, 800, 900 MHz
- Available Protocols: P25T, P25C, DMR, NXDN, EDACS, SmartZone/SmartNet, MDC1200APL
- AFC Meter Feature: Included
- Encryption: AES-256
- Sensitivity: -117 dBm (10dB s/n)
- Connector Type: SMA Female/Requires SMA Male Connector
- Environment: Temperature: 0 - 40°C (32 - 104°F)/Humidity: 10 - 85% @ 40°C, non-condensing
- Power Requirements: Single AC Universal Power Supply / 100V - 240V, 50Hz - 60 Hz, 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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