



A Touch-Free, Over-the-Air Radio Waveform Analyzer

MX-3000 Series Master Unit Product Sheet

Extend the DiagnostX Coverage of a Radio System



The DiagnostX MX-3000 Master unit utilizes robust, redundant hardware with higher performance processors to accommodate the requirements of larger, geographically dispersed systems. The DX-2002 Series instrument accepts up to three (3) NX-200 remote receivers connecting simultaneously (depending on available WAN bandwidth). Larger systems will require the more powerful MX-3000 device. 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.

The MX-3000 network using the NX-200 remote receivers is ideal for larger county-wide systems as well as state and regional systems. In the past, many public safety agencies have moved their DiagnostX instrument periodically from site to site to cover their entire radio system. Others have combined multiple DiagnostX devices in a networked configuration to ensure continuous system-wide coverage in a unified database. It is now possible to use the MX-3000 with the smaller, more economical NX-200 remote receivers to achieve the same result.

All the data is forwarded across an IP network back to the MX-3000 Master unit and presented in a single consolidated view. The data transfer rate is only 13 KB per transmission sent.

MX-3000 Series Specifications

- Power Requirement: Single AC universal power supply: 100V – 240V, 50Hz -60 Hz, 1.0 AMP Nominal
- Operating Temperature: 0-50 degrees Celsius ambient
- Dimensions: 3.46" H, 18.96" W, 15.67" D
- Weight: ~23 lbs.
- Construction: Sheet metal covered by flat black/silver matte finish
- Rack Mounting: 19" Rack
- Processor: i7 2.9 GHz Quad-Core
- Memory: 16 GB
- Ethernet: 2x - 10/100/1000M RJ45
- Rear I/O: DVI-D, Display Port, HDMI, VGA, USB 3.0

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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