

# **CITY**

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# **THEATRICAL**

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## **NEW YORK • LONDON**

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For Immediate Release

### **City Theatrical Launches RadioScan Spectrum Analyzer**

**City Theatrical's newest product, RadioScan™ Spectrum Analyzer**, is a 900MHz and 2.4GHz spectrum analyzer that allows users to easily visualize radio energy that is otherwise invisible. With its hardware dongle and accompanying free software, RadioScan helps users create wireless DMX broadcast plans that optimize the available spectrum, and help prevent interference with nearby mission critical radio devices.

RadioScan shows all nearby radio activity in a chosen frequency, including frequency hopping gear like wireless DMX, as well as Wi-Fi networks, Bluetooth, wireless headsets, video transmitters, cordless phones, baby monitors, and microwave ovens. RadioScan can display spectrum data either in Spectrogram View or Waterfall View, and snapshots can be taken of both in the program. With RadioScan, scans of unlimited length can be recorded, saved, emailed and played back with the RadioScan software, without the need for the RadioScan hardware dongle.

By identifying SSIDs, broadcast channel, and the signal strength of wireless networks, RadioScan can help IT departments setup, maintain, and troubleshoot their wireless installations.

For users of City Theatrical Multiverse® wireless DMX/RDM products, RadioScan guides users in creating the optimum broadcast plan for a production. The RadioScan software program for PC or Mac guides users in selecting Multiverse SHoW IDs by opening a table that shows the relationship of Multiverse SHoW IDs to the spectrum, and helps choose the optimum area of the band in which to broadcast.

The RadioScan hardware dongle is a 2.0" x 2.0" x 0.5" square that fits in your hand or pocket, and is made of rugged NEMA 4 IP20 ABS Plastic. Its detachable external omnidirectional broadband, 2dBi 900MHz, 4dBi 2.4GHz antenna allows for 900MHz and 2.4GHz dual band spectrum analysis. RadioScan comes with a USB-C power/data connector with 1m USB-A to USB-C cable.

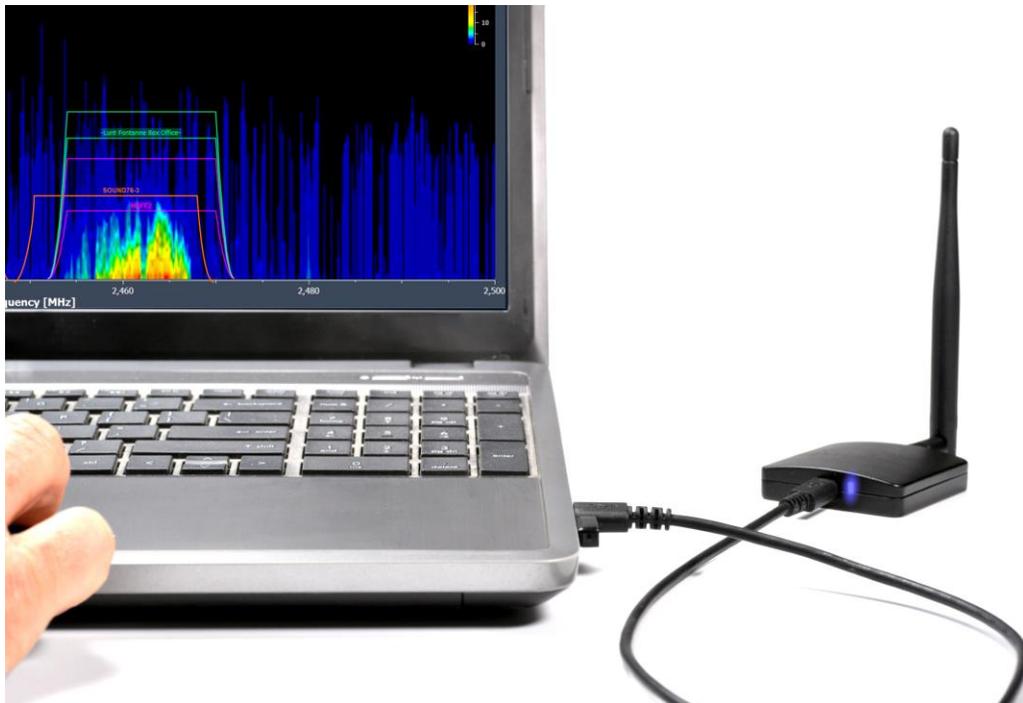
RadioScan is CE certified and compliant with FCC, IC, and RoHS standards. RadioScan is designed and built in the USA by City Theatrical.

RadioScan is compatible with both PC and MAC computers. Learn more at:  
<http://www.citytheatrical.com/products/radioscan>

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#### About City Theatrical, Inc.

City Theatrical invents, manufactures, and customizes unique lighting accessories for the entertainment and architectural industries and is the winner of 40+ product and business awards, including the New Jersey Small Manufacturer of the Year in 2015. Founded in 1986, City Theatrical has offices in Carlstadt, New Jersey and London, England. Products include the multi award-winning DMXcat® Multi Function Test Tool, Multiverse® and SHoW DMX® wireless DMX systems, QolorFLEX® brand of professional LED linear lighting, Dimmers and Accessories including QolorFLEX 5-in-1 LED Tape, QolorFLEX NuNeon™, and QolorPIX® Pixel Controlled LED Tape and Tape Controller, QolorPoint® Wireless LED Uplighters and LED event lighting products, professional lighting software including Lightwright® 6, Moving Light Assistant™ and Vectorworks Spotlight, as well as the world's most extensive catalog of entertainment and architectural lighting beam control accessories and hardware. City Theatrical also performs custom manufacturing services and manufactures products on an OEM basis for other lighting manufacturers. Learn more about our professional [experience](#).