



# SHoW DMX Neo®

## Lighting professionals trust City Theatrical and SHoW DMX. When the stakes are high, why trust your show to anything else?

### SHoW DMX Neo® wireless DMX

City Theatrical's SHoW DMX Neo® is the wireless DMX of choice for lighting professionals on Broadway and West End shows, permanent entertainment and architectural installations, and major music tours.

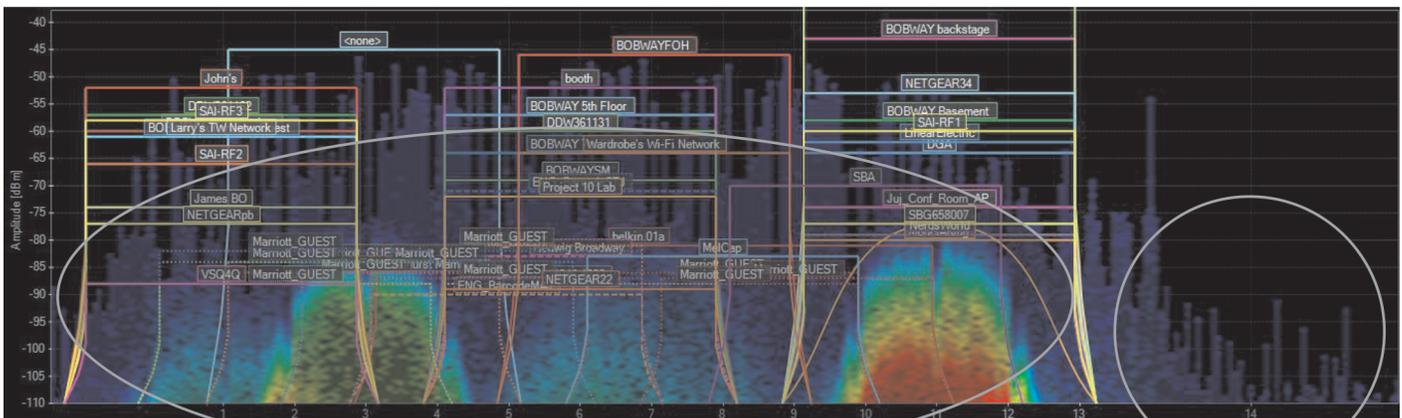
SHoW DMX Neo features the extremely high data fidelity that the multi-award winning SHoW DMX is famous for, as well as incredibly fast 7ms latency, ensuring that wired and wireless DMX sources will appear exactly the same. All SHoW DMX Neo products feature the ability to optimize control of output power, full or limited bandwidth broadcast, and the ability to broadcast less than the full DMX packet to shrink the radio footprint. For the users who do not want to manually optimize their broadcast, SHoW DMX Neo products also have Neo Adaptive Mode that will select only open radio channels to broadcast on, with no user intervention needed. All SHoW DMX Neo products will also "heal" lost data packets.

City Theatrical has provided the benchmark in wireless DMX systems for architecture and entertainment. Nearly 100% of Broadway and West End shows that use wireless DMX use City Theatrical, as well as large music tours, and hundreds of permanent installations around the world. Lighting professionals trust City Theatrical and SHoW DMX for their wireless DMX needs.

### Maximum Bandwidth Technology™

New Maximum Bandwidth Technology™ enables SHoW DMX to change from Frequency Hopping to Wide Band Digital Modulation, which allows it to narrow its output to smaller areas of the 2.4GHz spectrum, such as Wi-Fi channel 14 where (in the U.S.) no Wi-Fi broadcast takes place. This allows SHoW DMX to avoid all Wi-Fi interference in an otherwise saturated spectrum. No other wireless DMX system can make this claim. This is accomplished simply by selecting a SHoW ID on the user interface or via RDM.

(Wi-Spy scan screen shot of the 2.4GHz radio spectrum in a performance venue)



**Overlapping multiple Wi-Fi and other wireless radio networks**

**Vacant broadcast area used by SHoW DMX with Maximum Bandwidth Technology™**

SHoW DMX Transceivers are covered by U.S. Patent #7,432,803 and other patents pending.