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SHoW^{DMX} 5600/5601 Transmitter

The **5600/5601 SHoW DMX® Transmitter** serves as the front-end and nerve center for City Theatrical's groundbreaking new SHoW DMX wireless DMX distribution system, and features City Theatrical's patent pending DMX synchronized Spread Spectrum Frequency Hopping and WiFi friendly broadcast technology. The 5600 is for North American use and the 5601 is for North American or International use.

SHoW DMX Wireless DMX Transmitter Features:

- Synchronized hopping of FHSS radio and DMX512
- High speed broadcast data rate with optimized data format
- Adjustable output power (5-125mW FCC in 5600, 5-100mW ETSI in 5601)
- Full bandwidth and three different limited bandwidth broadcast modes
- Selectable hopping patterns in full bandwidth and limited bandwidth broadcast modes
- Full or limited burst DMX512 output
- Simple default plug and play mode
- WiFi friendly configuration options
- RDM Proxy and Responder enabled
- Embedded SHoW DMX RDM Monitor
- sACN/Art-Net Ethernet Data inputs
- Bi-directional half duplex communication with SHoW DMX receivers during RDM operations
- Works with 5610, 5611, and 5605 SHoW DMX Receivers and 5505, 5510, and 5512 WDS Receivers with SHoW DMX Upgrade
- User Interface:
 - (5) Control Pushbuttons: Back, Forward, Up, Down, Enter
 - 16 character x 2 row LCD display, Monochrome, Backlit
 - Recessed Reset pushbutton
 - DMX/RDM termination switch
- Connections:
 - XLR5PM for DMX/RDM input, XLR5PF for DMX/RDM pass-thru
 - RJ45 Ethernet jack for RDM Monitor web server connection
 - RJ45 Ethernet jack for Ethernet Lighting control connection
 - Concentric connector for +12-24VDC power connection



Configuration Options

- Broadcast power
- Hopping pattern selection
- Broadcast bandwidth mode
- Full or limited DMX burst broadcast modes (limited burst adjustable in 32 channel increments from 30 to 480 DMX Slots)
- Broadcast DMX starting address (in limited burst mode)

RDM Functions

- Discovery
- Identification
- All broadcast configuration settings
- RDM Proxy

Dimensions: 6.25"W x 2.375"H x 5.125"D

Compliance:

- 5600: FCC certified, IC Certified
- 5601: FCC certified, IC Certified, CE certified

Power: 12-24VDC, 250mA

Weight: 2 lbs

Accessories: Accessory plate (provided), 5625 or 5627 AC/DC power supplies (provided), outdoor use enclosure, SHoW DMX cables

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