

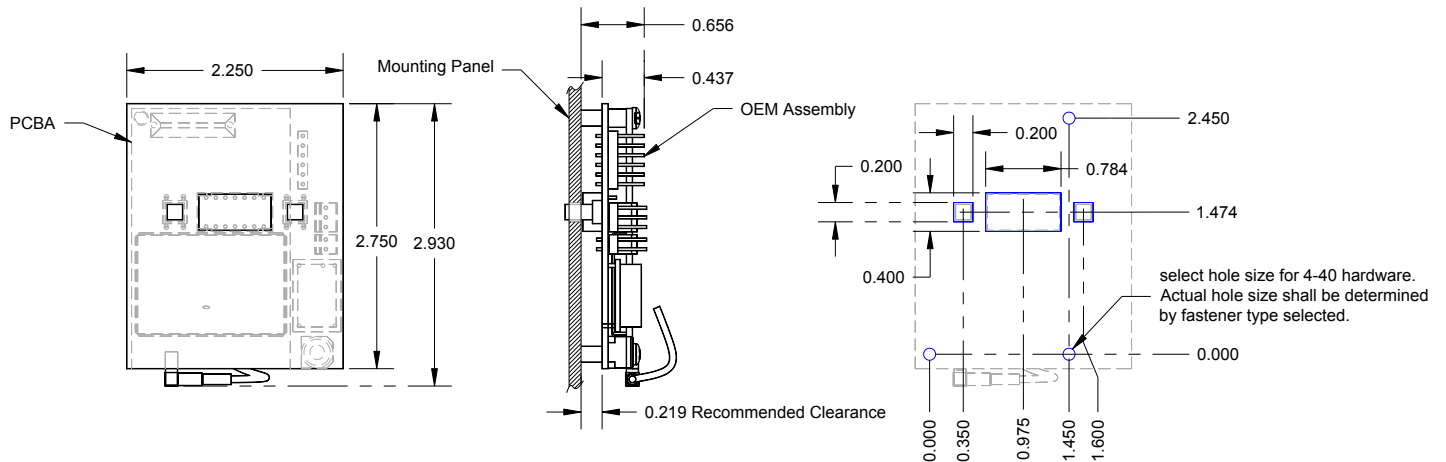
# CITY THEATRICAL

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## The SHoW DMX Neo® Miniature Receiver For Props and Costumes

The 5706M SHoW DMX Neo Miniature Receiver provides FHSS and AFHSS wireless DMX and RDM reception in a tiny and easy to use module that is ready for installation and works with a wide range of power supplies.



### Features:

- One model, FCC, IC and CE Certified
- New DMX synchronized hopping structure with increased interference immunity, reduced interference generation and low latency
- 2.4GHz ISM Band
- Selectable Spread Spectrum Frequency Hopping (FHSS) via 64 SHoW IDs
- Selectable true Adaptive Spread Spectrum Frequency Hopping (AFHSS) via 4 SHoW IDs
- SHoW DMX Neo Full and Limited Burst and Maximum, Full, and Limited Bandwidth broadcast modes
- Adjustable output power
- Extremely low latency
- Two Operating Modes:
  - Neo Mode
    - Configurable using RDM commands from an external RDM controller or via the user interface
    - Replace missing packets with previously received data if any are lost
    - 7mS max latency
    - Selectable Output power (1-72mW ETSI)
    - Selectable Bandwidth
    - Selectable Burst Length (when used with full frame sources)
    - Allows for shortened frame data (less than 512 bytes from source)
    - Enhanced RDM Proxy performance
  - Neo-Adaptive Mode
    - Configurable using RDM commands from an external RDM controller or via the user interface
    - Replace missing packets with previously received data if any are lost

- 7mS max latency
  - Adaptive Hopping
  - Selectable Output power (1-72mW ETSI)
  - Allows for shortened frame data (less than 512 bytes from source)
  - Enhanced RDM Proxy performance
- User Interface: LED Display with two pushbuttons
- DMX / RDM connection via 3P .100 PCB Header
- +7.5-24VDC or +5VDC power (~250mA max current)
- Fully implemented RDM functionality including RDM Responder, RDM Proxy
- A wide range of FCC/IC Certified Antennas available
  - Small indoor Omni “whip” Antennas
  - Yagi Antennas
  - Panel Antennas
  - Outdoor Omni Antenna