Overview

ArchiDMX is a completely self-contained device that can control virtually any standard DMX device such as RGB fixtures, moving lights, dimmers, and effects. The ArchiDMX has preset, scene, and show playback features as well as wireless networking and IR remote control options. ArchiDMX can be programmed by either the ArchiDMX Studio Software or IR Remote. Utilizing the 2.4 GHz wireless option further expedites commissioning as well as allows for linking of multiple stations.
Specifications

**Electrical**
- Supply: 12 Vdc via power supply
- Flash memory for future proof upgradeability
- Variable fade times programmable from .01 seconds to 24 hours per button
- Built-in infrared receiver with learnable remote codes
- Network Communication via DMX
  - Using the remote or ArchiDMX Studio Software each button can be individually configured to perform a variety of functions

**Mechanical Data**
- Buttons available with standard or custom engraving
- Suitable for standard single & multi-gang NEMA wall box with decorator style wallplate
- All plastic construction

**Environmental Data**
- Temperature Range: +32°F to +104°F (0°C to +40°C)
- Humidity: 0% - 95% non-condensing

**Standards**

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### Button Functionality

Using the infrared remote or ArchiDMX Studio Software each button can be configured to perform the following functions:

- 64 Presets of 512 Channels
- Activate
- Toggle
- Step
- Chase
- Momentary
- Effects

Individual buttons have RGB backlight indicator lights and strong tactile feedback.

The ArchiDMX requires a method of programming. Wireless stations may be programmed by the IR Remote or through the Wireless USB adapter using the free ArchiDMX Studio Software. Stations without wireless capability must be programmed with the IR Remote. When ordering ADMX stations, make certain to select a programming method.

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### Dimensions

(Inches/mm)

<table>
<thead>
<tr>
<th>Side View</th>
<th>Front View</th>
<th>Rear View</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.66 in (42.1 mm)</td>
<td>1.70 in (43.2 mm)</td>
<td>1.66 in (42.1 mm)</td>
</tr>
<tr>
<td>1.70 in (43.2 mm)</td>
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<tr>
<td>1.27 in (32.3 mm)</td>
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<td>1.27 in (32.3 mm)</td>
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<tr>
<td>1.93 in (49.1 mm)</td>
<td>1.93 in (49.1 mm)</td>
<td>1.93 in (49.1 mm)</td>
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<tr>
<td>2.59 in (65.8 mm)</td>
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<tr>
<td>4.11 in (104.4 mm)</td>
<td>4.11 in (104.4 mm)</td>
<td>4.11 in (104.4 mm)</td>
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Note: Provide extra 7mm (0.25") behind unit for wiring if DMX Port is used.
Wiring Diagram

Class 2 Power Supply
12-24 VAC or UL 6 watts minimum

18-22 AWG 2-Conductor Non-Polarized Power Input (Non-Polarized)

DMX Ground (Black) DMX Data - (Brown)
DMX Data + (Red) DMX-512 Port

Connect to First DMX Fixture, Dimmer or Power Supply. DMX signals then daisy-chain through each unit.

Optional Remote Station Power Supply
DMX Output (optional)

One more remote station may connect to a master station via wireless link.

Optional DMX Input
Optional input from DMX console or controller.

Sample System Topology

12 Vdc SUPPLY

DMX Fixture DMX Fixture DMX Fixture

DMX Input DMX Output DMX Output DMX Output
## Ordering

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMX-305-W</td>
<td>Self-Contained, Wireless DMX Control Device - White</td>
</tr>
<tr>
<td>ADMX-305-B</td>
<td>Self-Contained, Wireless DMX Control Device - Black</td>
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<tr>
<td>ADMX-305-V</td>
<td>Self-Contained, Wireless DMX Control Device - Ivory</td>
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<tr>
<td>ADMX-315</td>
<td>Portable ArchiDMX Demo Kit</td>
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<tr>
<td>ADMX-IR33</td>
<td>33 Button DMX Programmer Remote</td>
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<tr>
<td>ADMX-USB-STICK</td>
<td>DMX USB Stick</td>
</tr>
<tr>
<td>ADMX-12P</td>
<td>DMX 12 VDC Power Supply w/ Pigtails</td>
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</tbody>
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