

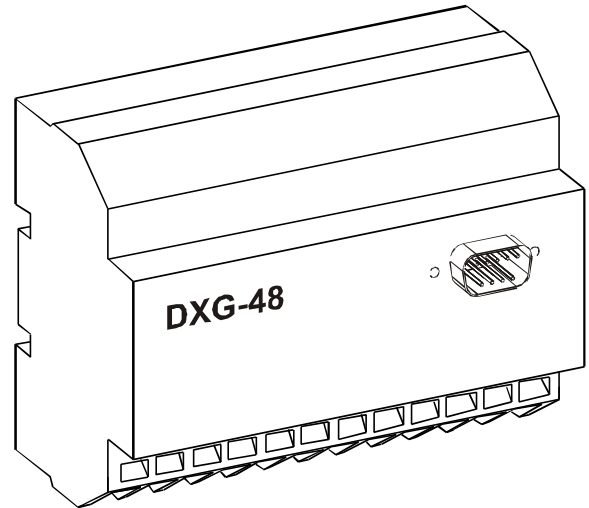
brightline[™]

Evolutionary Lighting Systems

DXG-48 and DXG-144 DMX Controllers

The DXG family of Controllers are self-contained units for driving DMX fixtures or dimmers. They are capable of controlling elaborate cue sequences, particularly with the **brightline** family of color-changing fluorescent fixtures.

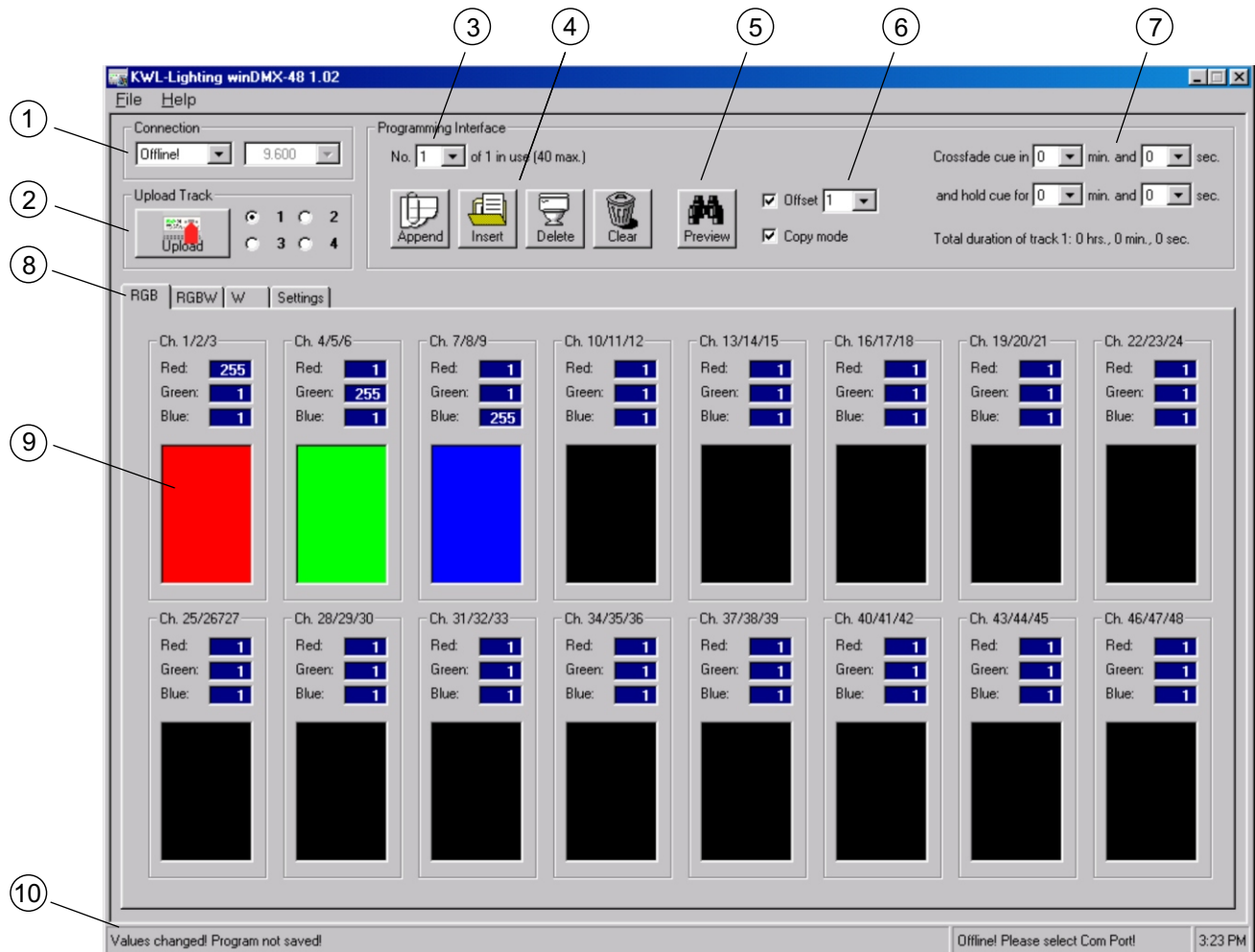
- The DXG-48 has 48 Channels of Opto-Isolated DMX-512 Output and the DXG-144 has 144 Channels.
- WinDMX software is provided with the DXG units, which is used to program or control them. The WinDMX-48 software must be used with the DXG-48, and WinDMX-144 with the DXG-144. WinDMX operates on Windows PCs running Windows 98 through XP. The WinDMX software is optimized for use with RGB or RGBW color changing fixtures; but it also can be used to control 48 or 144 channels of other DMX devices.
- The programming connection to a DXG is made via an RS-232 serial port. A 15' [4.5m] null-modem cable is provided. The DXG can operate in "PC Mode" with the WinDMX software controlling its output. The DXG can also operate in "Offline Mode" independent of a PC, running cues pre-programmed by WinDMX.
- Single cues or cue sequences can be recorded into Tracks. Four Tracks are available; each can hold up to 40 Cues. Each Cue can be assigned a crossfade time and a hold time of up to 30 minutes. The Tracks can operate in continuous mode, run once mode, or run to hold mode. Multiple holds can be recorded into each track. Holds may be "released" by operating the appropriate Track button on the available control station.
- The Track sequences can be executed from the Windows PC running WinDMX or from a push-button control station, optionally provided by **brightline**. The DXG Controllers have LED outputs, which can be used indicate which Track is active.
- The DXG units are intended to be DIN rail mounted in enclosures optionally provided by **brightline**. The units require a source of 120VAC or 230VAC, 50-60 Hz. Power draw is approximately 0.02 Amps at 120V.
- The inputs and outputs, including the AC power, are on cage-clamp terminals. The programming receptacle is a DB9-M connector on the top surface of the unit.
- Dimensions: 4.1" x 3.5" x 2.4" [10.5 x 8.9 x 6.0 cm], not counting the height of the rail. Except for the terminal wire entry points the units are fully enclosed in high-impact plastic.
- The DXG-48 and DXG-144 are UL, cUL and CE listed.



Part Numbers

<input type="checkbox"/> 008-164	DXG-48 Controller, 120VAC
<input type="checkbox"/> 008-165	DXG-144 Controller, 120VAC
<input type="checkbox"/> 008-174	DXG-48 Controller, 230VAC
<input type="checkbox"/> 008-175	DXG-144 Controller, 230VAC

WinDMX-48 Software Screen Shot



Key to Screen Shot

1. Connection section, where the baud rate and com ports are set up
2. Track Set: the Upload button to transfer settings to the DXG-48; and the Track number radio buttons
3. Where the active cue is chosen
4. Cue Append, Insert, Delete and Clear buttons
5. Preview/Stop Preview button. Pushing the button Previews the recorded Cue sequence in the active Track; pushing it again stops the Preview
6. Offset level selector; the minimum level that the fixture will dim down to
7. Cue Timing and Cue Hold selectors
8. Tabs to change programming interface for different fixture types
9. Color Selector. Clicking in this area brings up Color Selector Window.
10. Status Bar. Shows Messages from the Program