

v-HD-to-DMX
DMX-512
Receiver for
BrightSign
Hd, Xd & 4K
Video Players

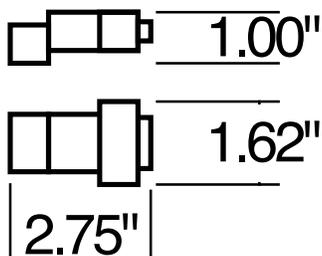


DMX-512 is the network used throughout the world to control theatrical lighting. Every theater from the local high school, to the largest house on Broadway, control their lighting using DMX-512 networks. The **v-HD-to-DMX** is used to trigger audio, video and still image files stored on a **BrightSign** player from any source of DMX-512. The DMX-512 can come from an existing light board or another piece of GilderGear. Since it is triggered by the same DMX-512 as everything else in the theater, everything will always be in sync.

Anyone who can run a light board can use the **v-HD-to-DMX**, **GilderScript** and a **BrightSign** player to add audio, video and still image playback to a presentation. The **GilderScript** allows you to use most standard media files on a **BrightSign** player without any manual 'scripting'. Just drop your media files into appropriately named folders on a standard Sd (or SdHC or SdXC) flash memory card and shove it into the **BrightSign** player. If you send a value of '123' to the DMX-512 address of the **v-HD-to-DMX**, any file(s) you have placed in a folder named 'playlist123' will be played.

Features of the v-HD-to-DMX include:

- Plugs into and is powered by any **BrightSign** player with a 15 pin GPIO port.
- The GilderScript allows you to have up to 255 'playlist' folders on each **BrightSign** player. Each playlist folder can hold one or more media files. If more than one media file is in a playlist folder, you can select whether files will be played sequentially or in random order each time the playlist is cued. The files can also be set for 'steppable' (interruptible) or 'non-steppable' (non-interruptible) playback.
- The DMX-512 connection is galvanically isolated. This eliminates the possibility of ground loops and other noise problems in installations with many **BrightSign** video players. The high impedance DMX-512 input allows up to 256 **v-HD-to-DMXs** on a single DMX-512 line.
- Occupies just a single DMX-512 'dimmer' address, or can be addressed on eight consecutive DMX-512 addresses to appear on your lighting board as eight 'relay' outputs (each output turns on above 50%).
- Two Rj-45 connectors for DMX-512 in and out makes it easy to daisy chain players. Uses standard USITT recommended DMX-512 pinout and off-the-shelf CAT-5 Ethernet cables and connectors.
- Three rotary dials for setting the DMX-512 base address for the **v-HD-to-DMX**. Supports both 'zero-based' (0-511) or 'one-based' (1-512) addressing (selected by a dipswitch).
- If receiving DMX-512 from any GilderGear, it will sense the presence of GilderChecksums, and automatically use them. GilderChecksums keep the **v-HD-to-DMX** from updating on corrupted data packets.



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