NDI Stream

Yes

NDI Content Resolution > 640x480px

No → | Yes →

Static Content only
(Logo, Image, etc,)

Low dynamic Content only
(slow moving/abstract content without flashes, etc,)

High dynamic Content
(fast moving content with hard flashes, etc,)

Direct NDI Stream to Fixture

Star Connection advised
Daisy Chain possible

Specific stream Name Required

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Add FVP Decoder*

NDI Stream
Switch

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Pease note: Depending on the number of devices in a daisy chain line...

... each switch/device adds latency that will accumulate.

... as the number of devices, resolution and content dynamics increase, the data traffic will also increase. The resulting data rate and available bandwidth can lead to latency and non-synchronicity of the playback.

Tips to reduce latency and improve synchronization with direct NDI:

- **Keep the resolution to < 640x480**
- **Do not use high frame rates (> 25fps)**
- **Star connection advised**

If high resolution , flashing, dynamic content is being used GLP FVP Decoder is advised

By adding the GLP FVP decoder to the JDC2 NDI network, the data rate to the fixtures is reduced. This enables the playback of high-resolution and highly dynamic content with low latency and high synchronicity. This also enables daisy chain connections with high device counts.

*** Under development.
For More information contact GLP Support.**