



Pathway Connectivity's Network Fade Processor generates reliable DMX512 output from Crestron and AMX control systems. The NFP calculates fades as necessary, removing all computational overhead from the controller while ensuring the proper DMX refresh is maintained. Available in two form factors. The NFP must be used in conjunction with at least one regular Pathport® DMX node.

### FEATURES

- Controls up to 1024 channels, non-contiguous, from a range of 32768 possible (64 universes)
- Uses inexpensive Ethernet wiring as network backbone
- Multiple NFPs may exist on same network
- Requires separate Pathport output node to provide actual DMX output
- Compatible with all Pathport models
- No limit to the number of output nodes
- Simple command structure
- Compatible with any controller capable of sending ASCII text strings via UDP (eg Crestron, AMX, and most automation controllers)
- NFP handles all fade algorithms and ensures DMX refresh is maintained
- 1024 simultaneous fades possible
- Operates on Power-over-Ethernet or auxiliary 18 - 50 VDC power supply (by others)
- When #6239 is paired with an R-series Pathport, both enclosures will fit side-by-side within 1 RU of rack space

### MODEL DESCRIPTION

- 6229** Pathway NFP in D-series surface mount enclosure  
- 6.25"h x 6.25"w x 4"d (160 x 160x 102mm)
- 6239** Pathway NFP in R-series rackmount enclosure (shown)  
- 1.75"h x 6"w x 6.875"d (45 x 153 x 165mm)

### SYSTEM PHILOSOPHY

The Crestron or AMX controller sends a text string via unicast UDP to port 3793 of the Network Fade Processor. The NFP converts the command to Pathport Protocol xDMX and broadcasts the channel levels back onto the Ethernet wire. Any Pathport node patched to those channels will output the appropriate DMX levels to the end equipment.

The controller, NFP and output nodes are connected together using a standard Ethernet switch and a star-wiring topology.

