General Information

The Unison Heritage Fader Interface provides a convenient variable-level interface to external devices via a variable 0-3.3v analog signal, sourced by the interface. The Fader Interface provides eight input connections functionally coupled to eight lamp-driver connections, providing up to 100mA @ 24v DC.

Applications

- Interface to 3rd-party faders or potentiometers
- Custom Fader Panels
- Custom Stage Manager Panels

Features

- Designed for use with Unison Paradigm Control Systems
- LinkConnect – using Echelon® LonTalk® protocol with LinkPower, the two wire topology-free system gives you the freedom to put the Fader Interface where you need it.
- Zone, Master, or Fade Time control functions assigned in software
- Terminals for all wire connections
- Custom configurations available
- External lamp driver

Ordering Information

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>UHFI</td>
<td>Unison Heritage Fader Interface</td>
</tr>
</tbody>
</table>
### PHYSICAL

#### Fader Interface Dimensions*

<table>
<thead>
<tr>
<th>MODEL</th>
<th>HEIGHT</th>
<th>WIDTH</th>
<th>DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>UHFI</td>
<td>14</td>
<td>356</td>
<td>10.5</td>
</tr>
</tbody>
</table>

#### Fader Interface Weights*

<table>
<thead>
<tr>
<th>MODEL</th>
<th>WEIGHT</th>
<th>SHIPPING WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>UHFI</td>
<td>11.22</td>
<td>5.05</td>
</tr>
</tbody>
</table>

*Weights and dimensions typical

---

### SPECIFICATIONS

#### GENERAL
- UL and cUL LISTED
- CE Marked

#### FUNCTIONAL
- Operate standard system functions for faders from other devices
- Fader functions include master, zone, fade rate, or preset
- Custom functionality programmable via LightDesigner configuration software

#### MECHANICAL
- Enclosure and cover are constructed of 16 gauge (.08) steel and are finished in black fine texture powder coat paint
- Two piece removable cover allows independent access to electronics assembly and wiring terminations

#### ELECTRICAL
- Connect via Echelon® LinkPower control network utilizing low voltage Class II wiring
- Topology free and polarity independent wiring over Belden 8471 or equivalent, and (1) #14 ESD drain wiring
- Wiring may be bus, loop, home-run or any combination of these
- Link Power network wiring may not exceed 1640’ (500m) without the use of a repeater module (P-REP or P-DREP)
- Two #16 AWG wires for 24 VDC auxiliary power
- Terminals provided for all wiring connections.
- Ratings:
  - Variable input, 0-3.3v DC sourced by the interface
  - Lamp Driver Output, 100mA @ 24v DC functionally coupled to the fader input
  - Supports up to 1000 feet of 16 AWG wiring between lamp supply and return
- UL and cUL LISTED, CE marked

#### THERMAL
- Ambient room temperature: 0-40°C / 32-104°F
- Ambient humidity: 30-90% non-condensing