

Type(s)
Project
Date
Notes

GENERAL INFORMATION

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

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

Fader Interface

MODEL	DESCRIPTION
UHFI	Unison Heritage Fader Interface

Required Control System

MODEL	DESCRIPTION
P-ACP Mk2	Paradigm Architectural Control Processor Mk2

Note: A Paradigm Station Power Module (P-SPM-E Mk2) or Supply (P-SPS-D Mk2) is required.



SPECIFICATIONS

GENERAL

- UL and cUL Listed
- CE compliant

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 500 m (1640 ft) 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, 0–3.3 VDC sourced by the interface
 - Lamp Driver Output, 100 mA at 24 VDC functionally coupled to the fader input
 - Supports up to 1,000 ft of 16 AWG wiring between lamp supply and return
- UL and cUL Listed, CE compliant

THERMAL

- Ambient room temperature: 0°C to 40°C (32°F to 104°F)
- Ambient humidity: 30%–90% non-condensing

PHYSICAL

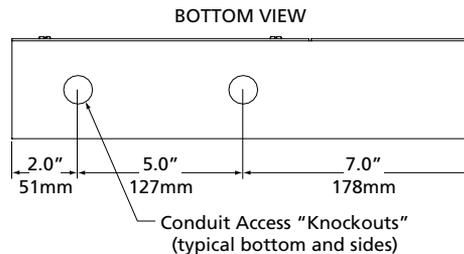
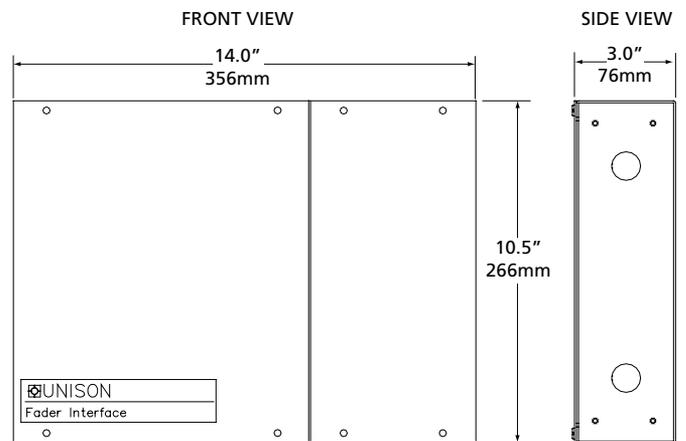
Fader Interface Dimensions*

MODEL	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
UHFI	14	356	10.5	266	3	76

Fader Interface Weights*

MODEL	WEIGHT		SHIPPING WEIGHT	
	lb	kg	lb	kg
UHFI	11.3	5.1	13.0	5.9

*Weights and dimensions typical



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