



USER'S MANUAL

PD104-AN10 REV. A 04/2020 Digital Lighting Systems, Inc. DigitalLighting.com

PD104-AN10 Analog 0-10V control

1 x 4 Amps Dimmer Pack User's Manual - Page 1

Enclosure Installation

Surface mount the dimmer pack in a well ventilated area where the ambient temperature does not exceed 104° F for full load operation.

PD104-AN10 Dimensional Diagram



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PD104-AN10 General Wiring Instructions

Wiring Notes

DO NOT EXCEED 500 W (4 Amps.) per each dimmer @ 120VAC.

DO NOT EXCEED 1000 W (4 Amps.) per each dimmer @ 277VAC.

All wiring From control to dimmers is low voltage (NEMA Class 2)

DPD104-AN10 dimmer packs may be fed by one 20 A (maximum) branch circuit and may have 1 output load.

CAUTION: DO NOT attempt to parallel outputs to increase capacity.

I Installations must conform to local and/or NEC code requirements.

Each load must have its own Neutral wire for full load operation.

All line voltage wires must have copper conductors of adequate Gauge with 90° C wire insulation.

D POWER EACH LOAD DIRECTLY BEFORE CONNECTING IT TO THE PD104-AN10 TO ENSURE PROPER WIRING.

PD104-AN10 Typical Control Wiring.

Analog 0-10V Control inputs



Control Input requirements: 10 VDC max sinking 1 mA

Optional: Could be also controlled with 100 KOHM potentiometers .

Figure 5 - PD104-AN10-120 Typical 120 VAC Wiring. INPUT CAUTION: 1x20 A - MAX. Fuse 5 Amps/250V ; quick blow Turn OFF breaker before replacing 120 VAC 1p2 Breaker HOI $\overline{}$ ₹ -CmZTo Lights OUTPUT 500 Watts - MAX. 120 VAC Mount on a grounded 2 gang metal box. 0-10V Control Input connectors PD104-AN10 REV. A 12302 SW 128 Ct. ; Miami, FL 33186 Tel: 305-969-8442 info@digitallighting.com 04/2020 Copyright © 2020 Digital Lighting Systems, All rights Reserved • Specifications are subject to change without notice. • Printed in U.S.A

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PD104-AN10 General Wiring Instructions

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PD104-AN10 Typical Control Wiring.

Analog 0-10V Control inputs



Control Input requirements: 10 VDC max sinking 1 mA

Optional: Could be also controlled with 100 KOHM potentiometers .

Figure 5 - PD104-AN10-277 Typical 277 VAC Wiring. INPUT CAUTION: 1x20 A - MAX. Fuse 5 Amps/250V ; quick blow Turn OFF breaker before replacing 277 VAC 1p2 Breaker HOI Ē ₹ $\dashv \subset \square Z$ To Light OUTPUT 10001 1000 Watts - MAX P104-277 VAC N: 20 Mount on a grounded 2 gang metal box. 0-10V Control Input connectors PD104-AN10 REV. A 12302 SW 128 Ct. ; Miami, FL 33186 Tel: 305-969-8442 info@digitallighting.com 04/2020 Copyright © 2020 Digital Lighting Systems, All rights Reserved • Specifications are subject to change without notice. • Printed in U.S.A

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Digital Lighting Systems, warrants to the purchaser that its products have been carefully manufactured and inspected and are warranted to be free from defects of workmanship and materials when used as intended. Any abuse or misuse contrary to normal operation shall void this warranty.

Digital Lighting Systems' obligation under this warranty shall be limited to replacement or repair of any units as shall within two years of date of invoice from Digital Lighting Systems, prove defective; and Digital Lighting Systems shall not be liable for any other damages, whether direct or consequential. The implied warranties of merchantability and fitness for a particular purpose are limited to the duration of the expressed warranty. Some states do not allow the exclusion of the limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, you may also have other legal rights which vary from state to state.

Defective merchandise may be returned to Digital Lighting Systems, prepaid, after prior notification has been given and approval obtained for the return. To obtain prior approval for the return of the defective items, contact your local Digital Lighting Systems distributor, representative, or:

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Tel 305-969-8442 Fax 305-969-8675 e-m info@digitallighting.com Upon request, replacement unit(s) will be shipped as soon as available. Unless immediate shipment of replacement merchandise is requested, Digital Lighting Systems will not ship replacement merchandise until defective merchandise is received, inspected, and determined to be defective.

No labor charges in connection with warranty problems will be reimbursed by Digital Lighting Systems without prior written approval from the factory.

Digital Lighting Systems distributors and representatives have no authority to change this warranty without written permission.

Digital Lighting Systems reserves the right to determine the best method of correcting warranty problems.

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