



PD104-AN10 **0-10V analog control**

PD104-AN10-120: 1 Channel x 500 W Dimmer @ 120 VAC
PD104-AN10-277: 1 Channel x 1000 W Dimmer @ 277 VAC

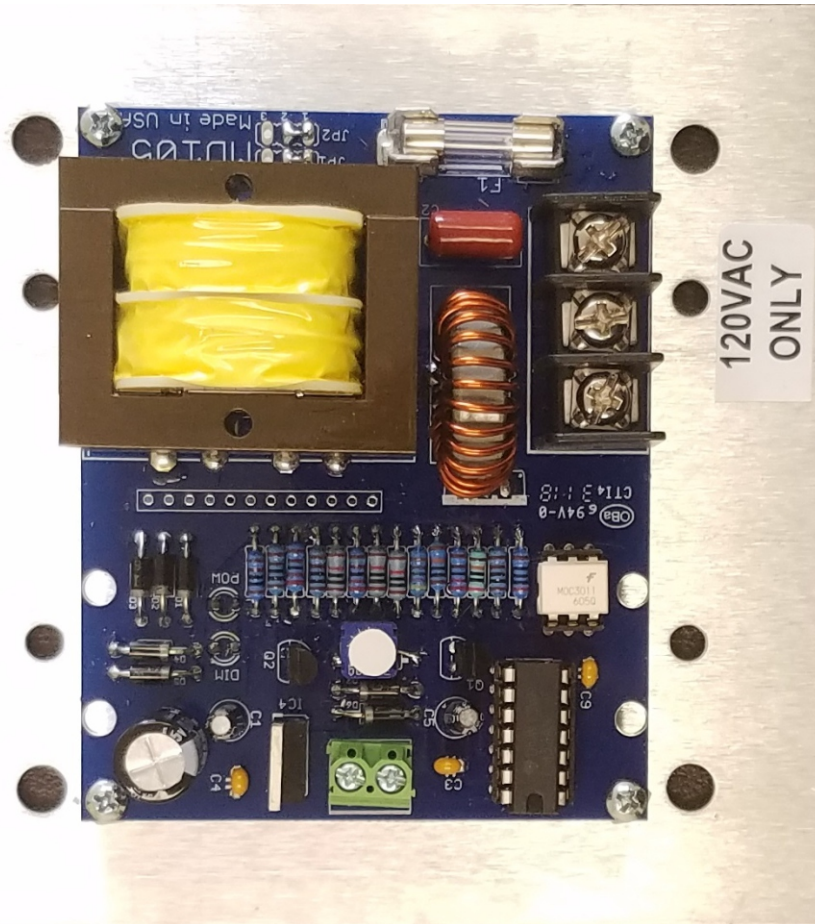


USER'S MANUAL

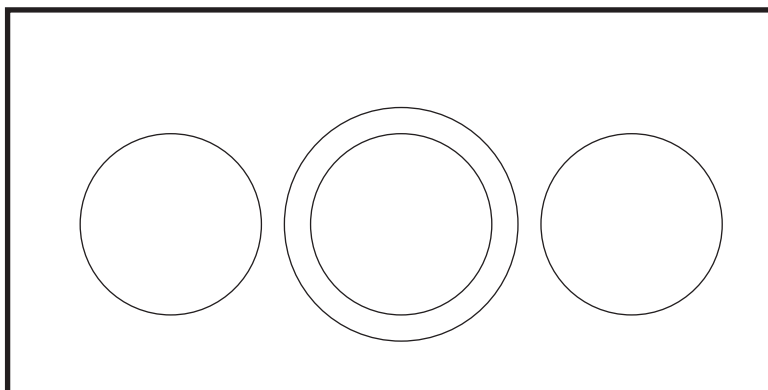
Enclosure Installation

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



Dimension
front panel
4.80 x 4.80"



Dimension
back enclosure
2 gang electric box
2" deep

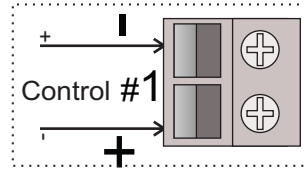
PD104-AN10 General Wiring Instructions

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)
- PD104-AN10 dimmer packs may be fed by one 20 A (maximum) branch circuit and may have up to Four separately dimmed loads.
- CAUTION: DO NOT attempt to parallel outputs to increase capacity.
- Installations must conform to local and/or NEC code

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.

CAUTION:
Fuse 5 Amps/250V ; quick blow
Turn OFF breaker before replacing

INPUT
1x20 A - MAX.
120 VAC
Breaker

L - O - I
N
- C M Z
OUT To Lights
D - M

OUTPUT
500 Watts - MAX.
120 VAC

**Mount on a
grounded
2 gang metal box.**

0-10V Control Input connectors

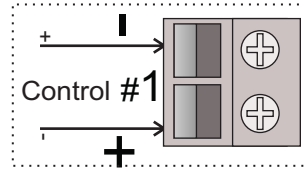
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PD104-AN10 Typical Control Wiring.

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.

CAUTION:
Fuse 5 Amps/250V ; quick blow
Turn OFF breaker before replacing

INPUT
1x20 A - MAX.
277 VAC
Breaker

⊘ - ⊕
N
L - C M Z
OUT To Lights
D - M

OUTPUT
1000 Watts - MAX.
277 VAC

**Mount on a
grounded
2 gang metal box.**

0-10V Control Input connectors



LIMITED WARRANTY

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:

Digital Lighting Systems, Inc.



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Tel 305-969-8442
Fax 305-969-8675
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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.

