

PiGrow[®]

PiTechnics[®]

Please visit our web site for more information
about the products offered by Pi Technics:

www.Pi-Technics.com

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PiGrow[®]

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Manual



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1. General

Thank you for purchasing your Pi-Grow® unit, which is a high quality control unit for 3 high-pressure sodium lamps. When used correctly, the set and the lamps connected to it will provide many hours of service.

This manual contains instructions relating to equipment use and maintenance. Please read it carefully before starting to use the product and ensure that others who use this set also read these instructions and take all the precautionary measures required.

This set has been designed exclusively to control high pressure sodium lamps such as the Philips PIA Green Power 600Watt. The device may only be used for the purpose for which it has been designed and is intended, all other applications will be categorised as improper use.

The manufacturer is not liable for damage to property or personal injury that is caused by carelessness or failure to observe the manufacturer's instructions when operating or installing the Pi-Grow® unit.

PiTechnics®

EU DECLARATION OF CONFORMITY (in accordance with Appendix IIA of the Machinery Directive)

EG-VERKLARING VAN OVEREENSTEMMING
(volgens bijlage IIA van de machinerichtlijn).

Wij **Montec Industrial Services** **MONTEC**
Industrial Services
www.montec-industrial.nl
Lambroekweg 11
6039 ER Stramproy
Nederland

verklaren geheel onder eigen verantwoordelijkheid dat het product:

Pi-Grow®

Merk : Pi-Grow Versie 1.00
Type : P200510-05 1 t/m 10
Serienummer : PiGrow 200511-0001 tot PiGrow 200511-0010
Bouwjaar : 11-2005

waarop deze verklaring betrekking heeft, in overeenstemming is met de volgende normen of andere normatieve documenten:

- 1 Dit product is zelfstandig werkende machine/apparaat waarop de machinerichtlijn van toepassing is. Het product voldoet daarom in elk opzicht aan de bepalingen van de machinerichtlijn.
- 2 Het product voldoet aan de volgende andere EG-richtlijnen:
EMC-richtlijn 89/336/EEG
Laagspanningsrichtlijn 73/23/EEG
- 3 Het product voldoet aan de volgende (delen van) normen:
NEN-EN 60204-1 Elektrische uitrusting van machines.
- 4 Het product dient voor het aansturen van Hogedruk Natriumlampen en in dient opgehangen te worden in een droge ruimte. Dit apparaat dient alleen voor dit doel te worden aangesloten.

De grenzen van het product worden bepaald door de omvang van levering binnen het project met projectnr P200510-05.

Buiten de verklaring van overeenstemming vallen de voorwaarden van de arbeidsmiddelenrichtlijn die op deze bestaande installatie betrekking hebben

Zo verklaren wij:
Stramproy, 29 november 2005



J.S.P. Moonen
Gedelegeerd bestuurder

CE IIA Verklaring project P200510-05 voor Pi-Technics te Weert

PiTechnics®



Send this warranty card together with:
 - A copy of the original purchase receipt
 Your details:

Name: _____

Address: _____

Postal code: _____

Town/city: _____

Telephone number: _____

E-mail: _____

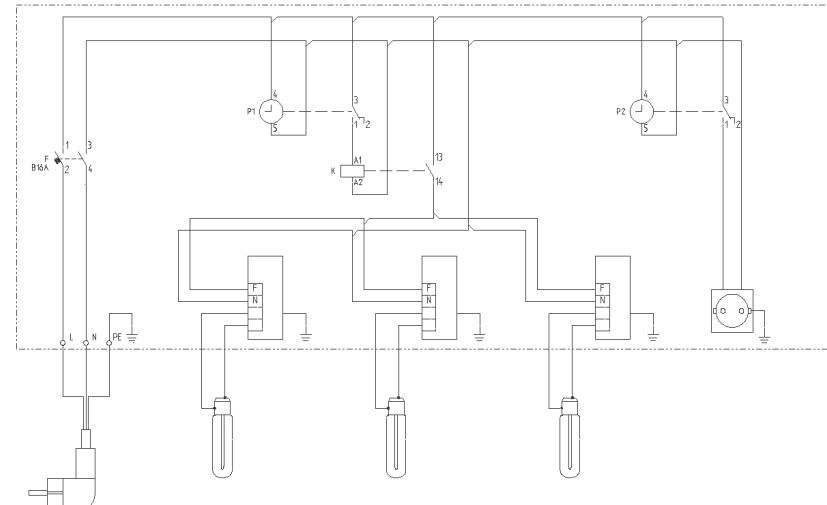
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PI Technics B.V.
 F.a.o. Warranty Department
 PO Box 576
 6000 AN Weert
 The Netherlands

2. Installation

- Make sure the control box is not connected to an electrical supply during installation: remove the plug from the wall socket.
- This system is rated to IP20 and may only be installed in a dry environment.
- The control box can be mounted to a sufficiently solid wall or partition using the six screws provided. Note that the control box weights a good 22 kg.
- Connect up the lamps using the cables and installation hardware. The cable glands are designed to relieve strain on the cables. Tighten the glands to immobilise the cables in position.

2.1 Connection diagram



2.2 Technical data

Pn= 1800W

Un= 230Vac, 50Hz

Is= 16A

3 Set-up

- Warning: remove the plug from the wall socket before opening the control box lid



3.1 The timers

- The left-hand timer allows you to set the time when the lamps switch on and off. Each scale division represents 15 minutes. We strongly recommend that you wait 30 minutes before switching on the lamps again after they have been turned off. This will help prolong the life of the lamps.
- The right-hand timer controls when the power supply at the 230V plug connector is turned on and off. Each scale division represents 15 minutes. This supply can be used to connect a fan. Make sure that the circuit breaker (16A) does not trigger when the lamps are used in conjunction with this power supply connection.

3.2 Resetting the circuit breaker

- If the circuit breaker in the control box has triggered, the lever will be in the down position and a green indicator will be visible.
- Push the lever up until it clicks into position to reset the circuit breaker. A red indicator is now visible.

4 Warranty terms

- The unit is guaranteed for a period of 6 months from the date of purchase.
- To validate your warranty, please send the warranty card to the address below together with a copy of the purchase receipt.

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The Netherlands

Warrantycard

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