

Complete range of NZ Made



Recommended for... (LW Series)

- LED Lamps
- LED Triac Drivers
- Wire Wound Transformers
- 240VAC Incandescents
- 240VAC Down/Up lights
- 240VAC Halogens
- Heater Elements

500, 750, 1000, 2000, 3000VA models.

1, 2, 3, 4, 5... WAY Dimming! With one unit you can Soft Start or Stop, Turn Off or On, Dim up and down from as many locations as you like.

LED Triac Drivers, Wire Wound Transformers or Heater Elements and lighting all with one compact unit and large VA ratings.

The Controller has built-in soft start and pre-heat technology that reduces and controls current on startup, to do the job reliably, right every time.

Set the minimum, maximum output and if dimming LED Triac Drivers, tune the boost voltage experienced when the user turns it on, so the LEDs all come on and then can be dimmed to the lowest setting available by the driver.

The knob available to the user will work between the settings set for them at installation working across the entire range.

Future proofing the installation. If in the future LEDs need to be changed or added, any future electrician will have all these tools available to setup the dimming.

CONVERSION KITS

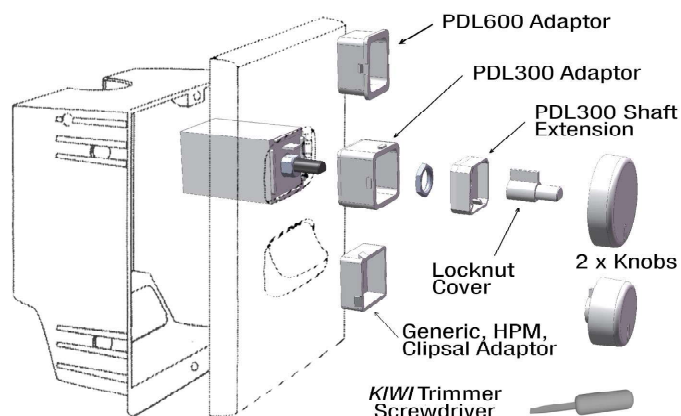
Model KBC KWC
Black White

Convert any KIWI to BLACK or replace the original white plastics.

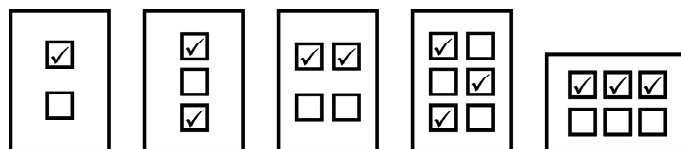
- FITS ALL PLATES



Parts Assembly



Mounting



Recommended mountings for multiple units.

Product Specifications

- Input voltage 240VAC
- Output voltage 0% to 97% of input
- Frequency 50/60Hz
- VA Ratings
 - K005LW - 500VA
 - K007LW - 750VA
 - K010LW - 1000VA
 - K020LW - 2000VA
 - K030LW - 3000VA
- VA Rating
 - AC3 Inductive
 - AC1 Resistive
- Switching type
 - Leading Edge
- Max per flush box
 - 3 x K005LW, 3 x K007LW
 - 2 x K010LW, 1 x K020LW
 - 1 x K030LW

(Ensure mounting method promotes air flow.)

- Ambient temp 25°C
- Thermal Fuse 16A/141°C max
- Knob Rotation 360° with memory
- Approval AS/NZS 60669.2.1

Note: Specifications may change without notice.

Fits ALL Plates



Designed,
Manufactured for you since 1994.
Based in Mount Maunganui, NZ.

Installation

Adaptors

PDL Plates:

- **600series**, fit the adaptor into the flush plate. Then fit the KIWI to the adaptor with locknut.
- **300series (Iconic)**, fit the adaptor to the KIWI with the locknut. Then fit the unit into the flush plate.
- For **600 and 300**, fit the locknut cover labeled "no stop" side up.
- **300 only**, fit the shaft extension to the shaft.

Generic, HPM and Clipsal Plates:

- Fit the adaptor to the KIWI with locknut.
- Fit the locknut cover, "no stop" side up.
- Click the unit into the flush plate.

Flush Plate

- Fit the face plate cover (if required).
- Slide the knob onto the shaft.

Electrical

- Connect one red to live and one red to load.
- Connect the yellow wire to a press mech (if used) and connect the press mech to live.
- Press the Dimmer knob or short press the momentary switch (if used) to turn ON or OFF.
- Hold the press mech (if used) to ramp up/down.

Extra Settings

Important:

- When adjusting these settings, always use the KIWI screwdriver supplied so no damage occurs.

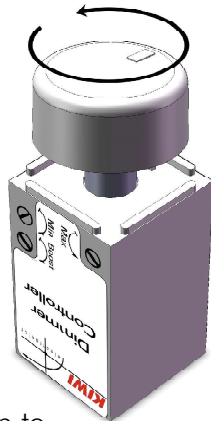
Minimum: Turn the minimum trimmer clockwise to raise the minimum light level the main knob can be turned down to. The minimum level cannot be adjusted above the maximum. Set the light so it does not turn off completely when turning down, only when pressing the press mech or rotary knob off.

Maximum: Turn the maximum trimmer anti-clockwise to lower the maximum the knob can be turned up to.

BOOST: voltage is added to the starting voltage by turning the boost trimmer up clockwise then restart until LED Triac Drivers start reliably.

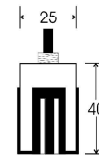
(Available K005LW, K007LW, K010LW only.)

Lamp Pre-Heat: When Boost is not used, set to fully anti-clockwise, on every startup these units will pre-heat the load if required to reduce thermal shock and start current extending lamp life.

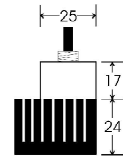
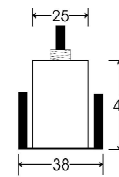


Dimensions

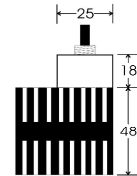
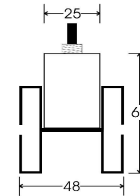
Model
K005LW
K007LW



Model
K010LW



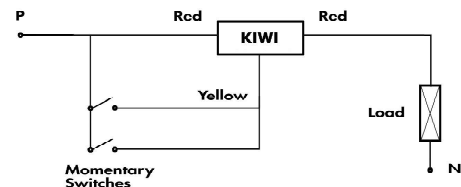
Model
K020LW
K030LW



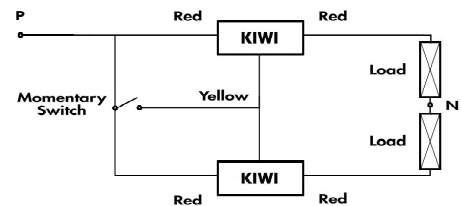
Note: Dimensions in millimetres (mm).

Wiring Diagrams

Multiple Control Points, One Load - up to 1000VA



Multiple Loads, One Control Point - Unlimited VA



LED Press or Push Button Dimming

- Everything LED or
- AC3 Lighting Controller versions
- 440VA to unlimited VA



Full AC3 Control

- LED Triac Drivers
- W/W Transformers & Heaters
- 500VA to 3000VA



UNIVERSAL Dimmers

- ALL LEDs
- Electronic Transformers
- 440VA to 1000VA



DC Variable Control

- EC Fans
- High Bays
- LED Lighting



**If it's dimmable,
We Can Dim it!**



ALL KIWI Products have a lifetime return to base warranty against ANY and ALL manufacturing faults.

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