

KIWI

electronics

Complete range of NZ Made



(U Series)

Recommended for...

- LED Lamps (TE or LE)
- LED Drivers (TE or LE)
- LED TRIAC Drivers (LE)
- Electronic Transformers (TE)
- All models **BOOST** voltage when started, assisting the LED driver to start.
- K004U selects TE/LE automatically.

440, 500, 750, 1000VA Models.

Everything you need for LED dimming, all in one complete package.

Set the minimum so the LED lights dim lowest possible and remain stable, even all the way to zero if that is desired.

Give your LED circuit the amount of BOOST on start they require, so all the lights come on and then stay at a the dimmed setting you have setup for the user. Shortening the start up time as the LED power supply charges up.

Turn the maximum output down to where the LED lights will go to, so they're not so bright.

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

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

CONVERSION KITS

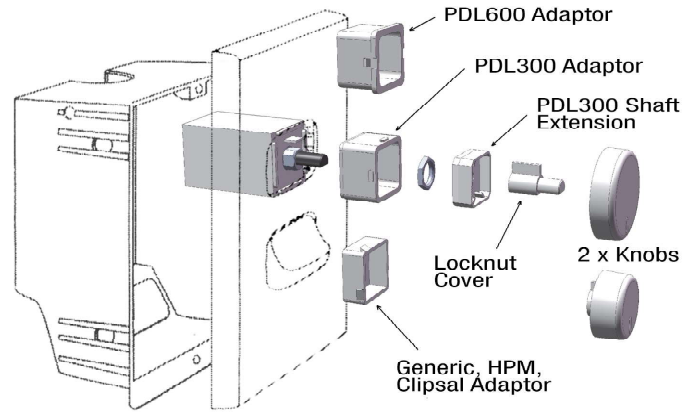
Model	KBC	KWC
	Black	White

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

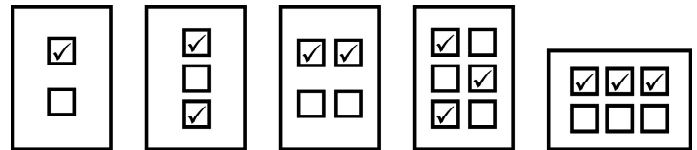
- FITS ALL PLATES



Parts Assembly

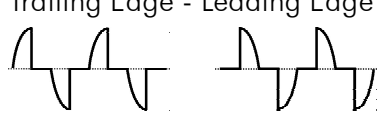


Mounting



Recommended mountings for multiple units.

Product Specifications

- Input voltage 240volt
 - Output voltage 0% to 97% of input
 - Frequency 50/60hz
 - Peak current K004U - 440VA - 4A
K005U - 500VA - 4A
K007U - 750VA - 6A
K010U - 1000VA - 8A
 - Derate VA rating by 20% with Triac Drivers
 - Load rating Inductive (LE)
Capacitive (TE)
Trailing Edge - Leading Edge
- 
- Switching type Trailing Edge or Leading Edge (Selectable)
Automatic on model K004U
 - Max per flush box 3 x K004U, 3 x K005U
2 x K007U
1 x K010U

Note: Ensure mounting method promotes air flow.

- Ambient temp 25°C
- Thermal Fuse 16amp/141°C max
- Knob Rotation 270° 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 "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, "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

- Connection is by way of the two red wires.
- Connect one to live and the other to load.
- **CHECK PEAK current is NOT exceeded.**

Extra Settings

Important:

- When adjusting these settings, always use the screwdriver supplied.

Minimum: Turn the minimum trimmer clockwise to raise the minimum light level. The minimum level cannot be adjusted above the maximum.

BOOST will be added to the start when turning minimum UP. Turn up minimum until lights are stable and starting operates as desired.

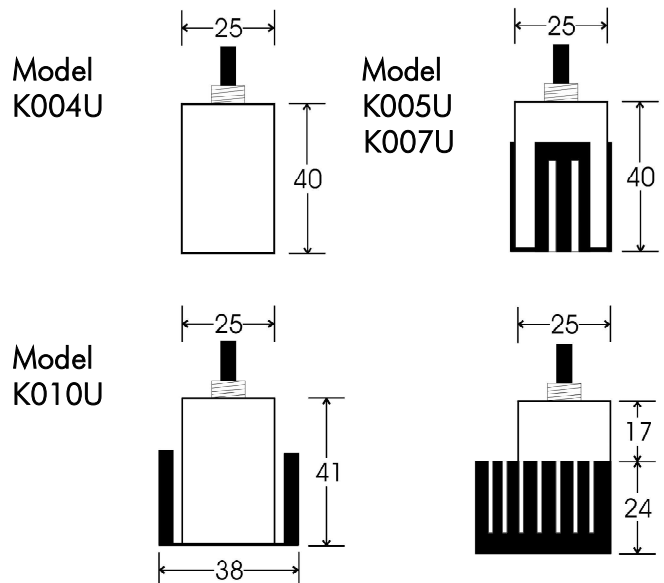
Maximum: Turn the maximum trimmer anti-clockwise lowering the maximum the knob can be turned UP to. (Not available on model K004U)

Mode Switch Setting (BOTH TE and LE)

To change from Trailing Edge (TE) to Leading Edge (LE), rotate mode switch Anti Clockwise for LE and Clockwise for TE.

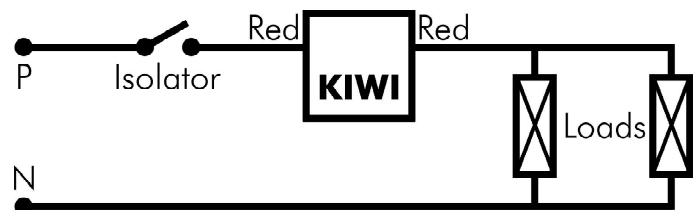
Model K004U selects Trailing or Leading Edge modes automatically.

Dimensions



Note: Dimensions in millimetres (mm).

Wiring Diagram



Connect multiple loads in parallel.

LED Press or Push Button Dimming

- Everything LED or
- AC3 Inductive versions available
- 440VA to unlimited VA



Trailing Edge Dimmers

- LEDs
- Electronic Transformers
- 440VA to 1000VA



Full AC3 Control

- Heaters
- W/W Transformers
- 500VA to 3000VA



FAN Controllers

- Axial, Exhaust
- All Fans
- 350VA to 3000VA



DC Variable Control

- EC Fans
- High Bays
- LED Lighting



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



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