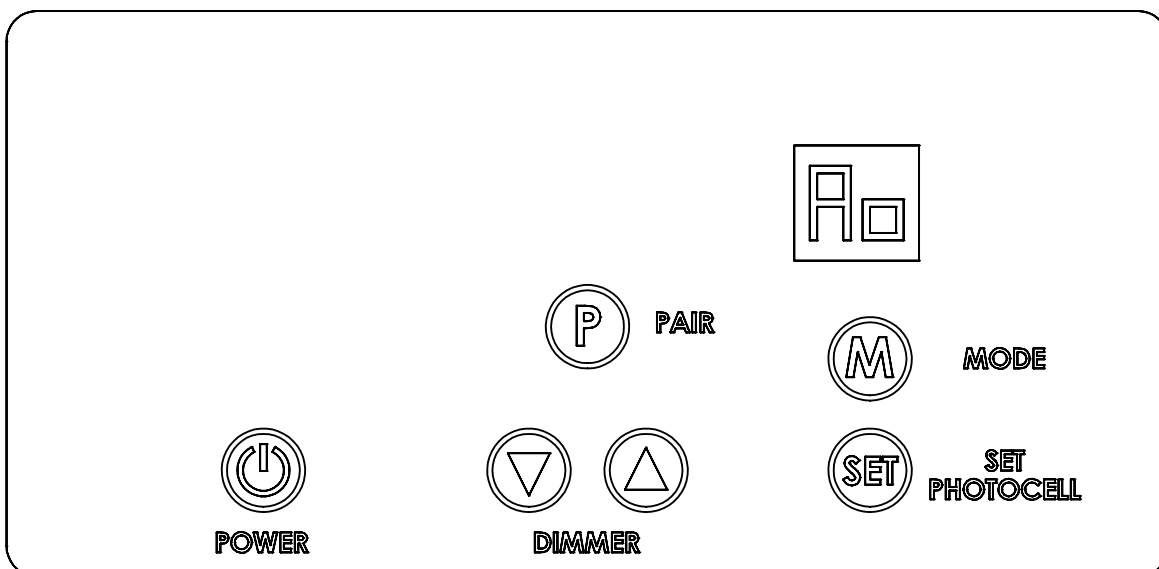


# 12V 50W Smart Transformer Control Instructions



## POWER:



Turns the system power off and on. When the system power is off, the LCD display will be blank and the only button that will function is the Power button. When the system power is on, the LCD display will show the current mode or function that is active.

## MODE and LCD DISPLAY:



Pressing or holding in the mode button will cycle through the different modes settings. The mode settings are **1h, 2h, 3h, 4h, 5h, 6h, 7h, 8h, dd** and **Ao**.

### 1 to 8 hour timer (1h, 2h, 3h, 4h, 5h, 6h, 7h, 8h)



MODE

- Uses the photocell to turn the lights on. When the photocell senses darkness continually for 30-40 seconds, the lights will turn on.
- The lights shut off after the set time expires (1 hour for **1h** mode, 2 hours for **2h**, etc.).
- After the set time expires the lights will remain off.
- Whether the timer has expired or is still active, when the photocell senses light continually for 30 - 40 seconds, the timer will be reset and ready for another cycle. If the lights are on, they will be shut off and the timer is reset.

### Dusk to Dawn (dd)

- Uses the photocell to turn the lights on. When the photocell senses darkness continually for 30-40 seconds, it will turn on the lights.
- The lights will remain on until the photocell senses light continually for 30-40 seconds.
- When the photocell senses light continually for 30 - 40 seconds the lights will be shut off and ready for another cycle.

### Always On (Ao)

- The lights are on all the time. The photocell is not used.

## DIMMER:



DIMMER

- Pressing or holding in the up button (▲) will make the lights brighter - if the lights are full brightness and the button is pressed again (or held in), the lights will flicker or flash to indicate the lights are at the brightest setting.
- Pressing or holding in the down button (▼) will make the lights dimmer - if the lights are dimmed to the lowest setting and the button is pressed again (or held in), the lights will flicker or flash to indicate the lights are at the dimmest setting.
- The dimmer buttons are only operational when the output lights are on.

# 12V 50W Smart Transformer Control Instructions (continued)

## PAIR: PAIR

To pair a new bluetooth device (only needs to be done once per device):

- Download and open **SmartPower 50** app from Google Play or Apple App stores.
- Press and release the Pair button on the transformer. The LCD display will show **bt** to indicate that it is in bluetooth pairing mode.
- When in **bt** mode, no buttons can be pushed for 30 seconds or until a new device or phone pairs with the transformer. The transformer will go back to the previous mode once 30 seconds has expired or a new device or phone has been paired with the transformer.
- A new device or phone that tries to pair with the transformer without being in **bt** mode will be rejected.

To pair with home Wi-Fi network (Provision):

- Download and open **SmartPower 50 Wi-Fi Setup** app from Google Play or Apple App stores.
- Click "Setup New Device". First time users will need to create a Smart Power Gateway account (click "Sign Up" link, enter email and create password).
- A confirmation email will be sent to the email associated with the account. Click 'Verify Your Account' in the email. If no email is received, check Spam Folder and confirm correct email address was used. For existing users, Log In to your Smart Power Gateway account using credentials used to Sign Up.
- Press and hold the 'Pair' button on the transformer (10-12 seconds) until the LCD display shows **Pr** to indicate that it is in Wi-Fi provisioning mode. Release the button. The transformer will reboot and the display will show **Pr**.
- When in **Pr** mode, no buttons can be pushed for 3 minutes or until a new Wi-Fi network is set up. The transformer will reboot to the previous mode once 3 minutes have expired or a Wi-Fi network has been set up with the transformer.
- Connect to device named SMARTPWRPROV\_XXXX listed on 'Connect to Devices' screen. If no devices are in the list, ensure transformer is in **Pr** mode and click 'Scan Again'.
- Select the desired Wi-Fi network to pair the transformer with. Enter the Wi-Fi password and click 'SETUP WIFI'.
- Once all items are complete on 'Setting Up Wi-Fi' screen, Wi-Fi setup is complete and the transformer will reboot. Click OK and close the app.
- Refer to 'Voice Control Setup' Guide on [decklighthelp.com](https://decklighthelp.com) for Smart Home integration instructions.

## SET PHOTOCELL: SET PHOTOCELL

Sets the trigger point for turning the lights on and off.

To set the photocell level:

- Ensure mode is set to **1h, 2h, 3h, 4h, 5h, 6h, 7h, 8h, or dd**. The Set Photocell button will only work when in these modes.
- Wait until the ambient outdoor light condition is at the desired level for when the lights are to come on (dusk).
- Press and continue to hold the Set Photocell button for 10-15 seconds. The LCD display will change to **P5**.
- The lights will flash or flicker once the new photocell setting has been saved.
- The lights will turn on in 30-45 seconds as long as the ambient light condition is lower than when it was set.

Scan With Your Device's Camera Below



<https://decklighthelp.com/50-watt-transformer-troubleshooting/>

**For Additional Instructions and Troubleshooting Information, visit [decklighthelp.com](https://decklighthelp.com)**