

[Manuals.plus](#) /

› [Ponii](#) /

› Ponii PN2000 Electricity Usage Monitor User Manual

## Ponii PN2000

# Ponii PN2000 Electricity Usage Monitor User Manual

Comprehensive guide for setup, operation, maintenance, and troubleshooting of your Ponii PN2000.

## INTRODUCTION

The Ponii PN2000 is a plug-in kilowatt electricity usage monitor designed to measure and display various electrical parameters of connected appliances. This manual provides essential information for safe and effective use of the device.





Figure 1: Ponii PN2000 Electricity Usage Monitor. This image shows the front view of the white Ponii PN2000 device with its LCD screen displaying "0.00 W" and a standard US electrical outlet.

## KEY FEATURES

- **High Power Watt Meter:** Capable of counting consumption by Kilowatt-hours, rated at Max.16A, compatible with 110V AC.
- **Refined Accuracy:** Built-in high precision current sensor ensures Class 1.0 accuracy with 0.01W, 0.01V, and 0.001A resolution.
- **Backlight & Memory:** Features a wide-angle, clear backlight LCD display and retains cumulative kilowatt-hour data even after power loss.
- **Professional Kilowatt Meter:** Detects power consumption starting from 0.20W, allowing monitoring of standby or active power dissipation for various electronics.
- **Multiple Measurements:** Monitors Watts (active power), Current (true RMS), Voltage (true RMS), Frequency (Hz), Power Factor, Cumulative Time (with Memory), and Electricity Consumption (with Memory).

## SETUP

1. **Unpack the Device:** Carefully remove the PN2000 monitor and any accessories from its packaging.
2. **Initial Power-Up:** Plug the PN2000 directly into a standard 110V AC wall outlet. The LCD screen should illuminate and display initial readings.
3. **Connect Appliance:** Plug the appliance you wish to monitor into the outlet provided on the front of the PN2000 monitor.
4. **Optional Extension Cord:** If the appliance's plug is bulky or the outlet location is awkward, use a short extension cord (not included, but recommended to match device's current rating) between the PN2000 and the appliance.



Figure 2: Connecting the Ponie PN2000 to an appliance. The monitor is plugged into a wall outlet, and a microwave is connected to the monitor, demonstrating typical setup.

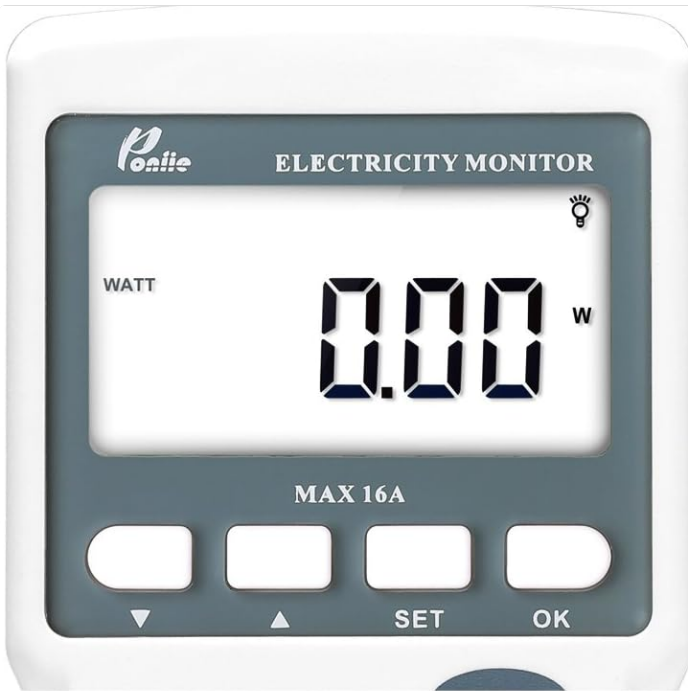
## OPERATING INSTRUCTIONS

The PN2000 features a user-friendly interface with several buttons for navigation and settings.

### Display Modes:

Use the **Up** (▲) and **Down** (▼) arrow buttons to cycle through different measurement displays:

- **Watts (W):** Displays active power consumption.
- **Current (A):** Shows true RMS current in Amperes.
- **Voltage (V):** Indicates true RMS voltage.
- **Frequency (Hz):** Displays the AC frequency.
- **Power Factor (PF):** Shows the power factor.
- **Cumulative Time (CT):** Tracks the total time the appliance has been drawing power.
- **Electricity Consumption (EC):** Displays cumulative kilowatt-hours (kWh) consumed.



Easily connects to appliances and assesses all aspects of your power efficiency.



Watts (active power)



Current (true RMS)



Voltage (true RMS)



Frequency



Cumulative Time  
(with memory)



Electricity Consumption  
(with memory)



Power Factor

Figure 3: Various measurement modes of the Ponii PN2000. This image illustrates the different readings available on the LCD screen, including Watts, Current, Voltage, Frequency, Cumulative Time, Electricity Consumption, and Power Factor.

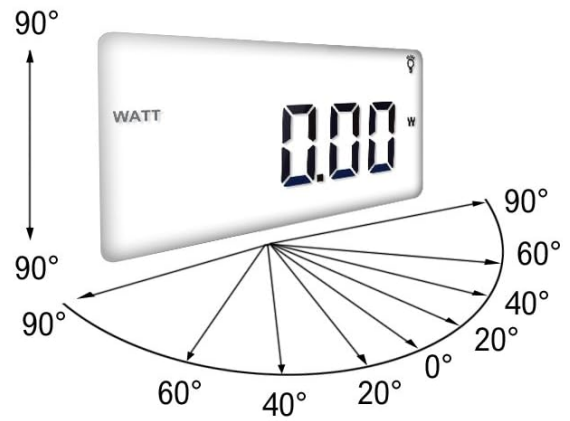
### Backlight Activation:

Press the **OK** button to activate the backlight for improved visibility in low-light conditions. The backlight will automatically turn off after a period of inactivity (typically 10 seconds, configurable).

# Easy Reading Back-light Display



## Wide View Angle



## ABS Fire Retardant Material



Figure 4: Ponie PN2000's backlight feature. The image highlights the clear, backlit LCD display and mentions the wide viewing angle.

## Memory Function and Reset:

The PN2000 retains Cumulative Time (CT) and Electricity Consumption (EC) data even if unplugged. To clear the memory for a new measurement cycle:

1. Navigate to the CT or EC display mode using the arrow buttons.
2. Press and hold the **SET** button until the display shows "CLEAR" or the values reset to zero.

## SPECIFICATIONS

Feature	Detail
Brand	Ponie
Model Number	PN2000

Power Source	AC
Voltage	110 Volts (compatible with 220V AC as per feature bullets)
Amperage Capacity	16 Amps (Max)
Maximum Power	1760 Watts
Measurement Accuracy	Meter Class 1.0
Display Style	Backlight LCD
Plug Format	B - US style with ground plug
Material	Fireproof ABS
Item Dimensions (L x W x H)	2.3 x 2.2 x 4.7 inches
Item Weight	5.9 ounces

## MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts, as this may damage internal components.

## TROUBLESHOOTING

- **No Display:**
  - Ensure the PN2000 is securely plugged into a live wall outlet.
  - Check if the wall outlet is functioning correctly by plugging in another device.
- **Incorrect Readings:**
  - Verify the appliance is correctly plugged into the PN2000.
  - Ensure the appliance is within the PN2000's maximum current (16A) and power (1760W) ratings.
  - Reset cumulative data if previous measurements are interfering with new readings.
- **Memory Not Clearing:**
  - Ensure you are in the Cumulative Time (CT) or Electricity Consumption (EC) display mode before holding the SET button.
  - Hold the SET button firmly for several seconds until the display indicates clearing.

## WARRANTY AND SUPPORT

---

The Ponie PN2000 comes with a **1-Year Warranty** provided by PonieDirect. For technical support, warranty claims, or further inquiries, please contact PonieDirect customer service. Refer to the contact information provided with your purchase or visit the official Ponie website.