

INSIGNIA™

## QUICK SETUP GUIDE

# 53W Universal AC Adapter

NS-UNI48WAC / NS-UNI48WAC-C

## PACKAGE CONTENTS

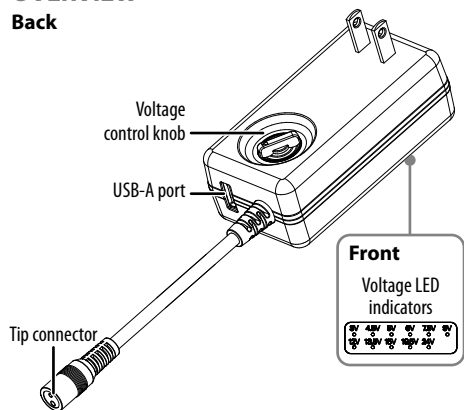
- Universal AC adapter with USB-A port
- Adapter tip (7)
- Quick Setup Guide

## FEATURES

- Seven interchangeable tips support devices that need round-pin barrel connectors (not for use with laptops)
- Manual voltage selector knob lets you choose between 3V, 4.5V, 5V, 6V, 7.5V, 9V, 12V, 13.5V, 15V, 19.5V, and 24V DC outputs
- Over-current protection guards against power surges and spikes
- 5W USB port for charging or powering external devices
- Attached 5 ft. (1.52 m) cord gives you flexible placement options

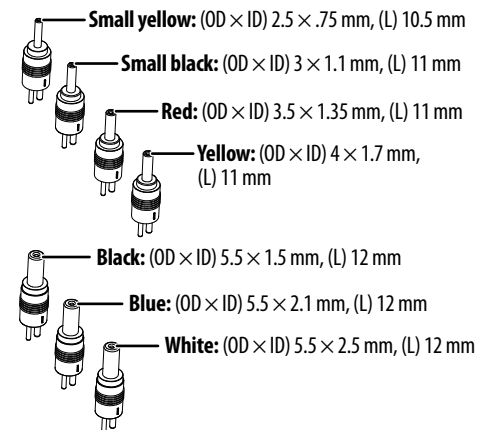
## OVERVIEW

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## Adapter tip dimensions

OD= outer dimension / ID=inner dimension / L=length



## COMPATIBILITY

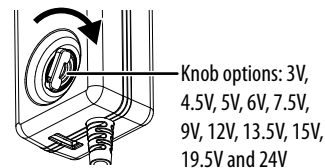
Your device is compatible with your adapter if:

- The correct tip is available
- Your device's voltage is between 3V and 24V DC
- Your device has a positive polarity
- Your device's input does not require more than 3,000mA (3.0A) of current (for DC tips) under 15V output, and your device's input does not require more than 2,000mA (2A) of current (for DC tips) between the 19.5V-24V output

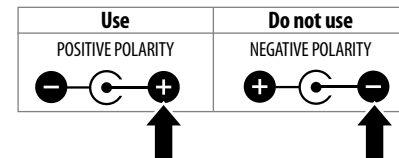
## USING YOUR ADAPTER

You can find your device's input, polarity, and voltage on the device itself, on your old adapter, or in its manual. Contact the manufacturer if you cannot find this information. Using incorrect settings may damage your device.

- 1 Check the input of the device you are connecting to your adapter. If your device requires more than 3,000mA (3.0A) of current, do NOT use this adapter to power your device.
- 2 Check the voltage needed for your device, then turn the voltage control knob to the required setting. If your device's voltage is not between 3V and 24V DC, do NOT use this adapter to power your device.



- 3 Check the polarity of the device you are connecting to your adapter to make sure that it is positive. If your device has negative polarity, do NOT use this adapter to power your device.



- 4 Test a tip by gently inserting it into the DC jack on your device. It should be secure without having to force it into the DC jack. If you have your old adapter, you can compare the connector to the provided tips.

**Notice:** Do not force tips into the DC jack as it could damage the tip or your device.

- 5 Connect your chosen tip to the adapter.



- 6 Connect the adapter from your device to a power outlet. The voltage LED indicator lights to show the selected voltage. Your device now has power.
- 7 Connect a cable (not included) to the USB-A port (up to 5W) to charge devices such as smartphones, tablets, smartwatches, and earbuds.

## TROUBLESHOOTING

### My device isn't working.

⚠ **WARNING: Risk of electric shock.** If your device does not work, immediately unplug the adapter, then check the voltage and polarity settings.

- Make sure that your device is compatible with the adapter. See “Compatibility.”
- Make sure that you have selected the correct tip and that it is securely inserted into your adapter's power cord and your device's DC jack.
- Make sure that you have selected the correct voltage setting on your adapter.
- Make sure that your adapter is plugged into a working power outlet.
- The adapter is not compatible with laptops.

### My adapter is hot.

- It is normal for your adapter to feel warm during use. Make sure that it is placed in a well-ventilated area.
- If your adapter feels abnormally hot, check your adapter's settings and make sure that it is compatible with your device. See “Compatibility.”

## SPECIFICATIONS

- **Cable length:** 5 ft. (1.5 m)
- **Input:** 100-240V AC
- **Output 1 (Tips):**  
3V, 4.5V, 5V, 6V, 7.5V, 9V, 12V, 13.5V, or 15V DC (3.0A max)  
19.5V, 24V DC (2.0A max)
- **Output 2 (USB-A):** 5V/1A, 5W max



### Important Safety Instructions

**Read all instructions before use.**  
**Keep these instructions.**

⚠ **WARNING:** Identifying the correct voltage and polarity settings and adjusting the product is the user's responsibility.

- This adapter should only be used with a 100–240V AC power outlet. Follow all necessary safety precautions.
- Not recommended for use by children.
- Failure to adjust the adapter settings to match your connected device's requirements can result in damage to the device.

## LEGAL NOTICES

### FCC Statement

**Caution:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### Canadian Notice

**CAN ICES-003 (B) / NMB-003 (B)**

## ONE-YEAR LIMITED WARRANTY

Visit [www.insigniaproducts.com](http://www.insigniaproducts.com) for details.

## QUEBEC AVAILABILITY GUARANTEE

For Quebec Residents Only: No guarantee of replacement parts, repair services, or maintenance/repair information. Visit [www.insigniaproducts.com](http://www.insigniaproducts.com) for details.

## CONTACT INSIGNIA:

For customer service, call 1-877-467-4289 (U.S. and Canada)  
[www.insigniaproducts.com](http://www.insigniaproducts.com)

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