

QUICK SETUP GUIDE

# Pico Projector

NS-PR200

### PACKAGE CONTENTS

- Pico projector
- Mini/Micro HDMI adapter
- HDMI cable
- AC power adapter
- Soft carrying pouch
- Quick Setup Guide

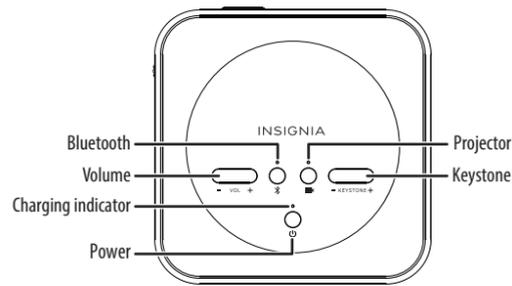
### COMPATIBILITY

Works with HDMI-compatible Android devices and devices with micro, mini, or standard HDMI outputs (up to 1080p). An Apple digital AV adapter is needed for Apple iOS devices (sold separately).

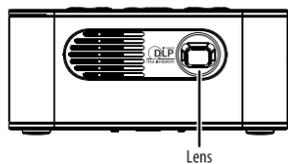
### FEATURES

- 100 lumen output with long-life LEDs
- Projects images up to 100 in. (254 cm) (16:9 aspect ratio)
- Accepts up to 1080p video signals for maximum compatibility
- Internal battery with 120 minutes of run time (normal brightness at 50% volume level—will vary depending on use)
- Premium speakers and amplifier for audio comparable to separate Bluetooth speakers
- Yamaha® audio amplifier and DSP for clear, precise sound
- Can be used as an audio-only Bluetooth speaker
- 3.5 mm stereo audio output for use with headphones or external audio devices

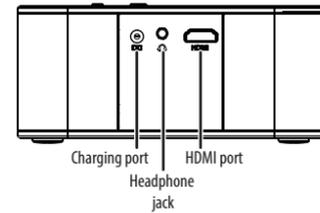
Top



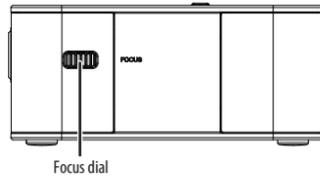
Front



Left



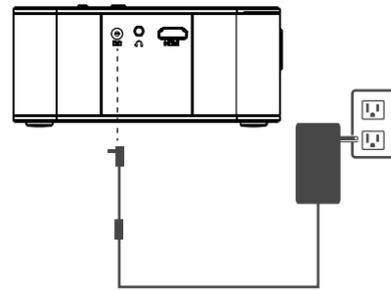
Right



### CHARGING YOUR PROJECTOR

**Note:** Use only the included AC power adapter.

Plug the AC power adapter into a power outlet, then plug the 12V DC output end into the projector. The charging indicator lights red while charging, and it turns green when finished.



To check your battery level, refer to the table below:

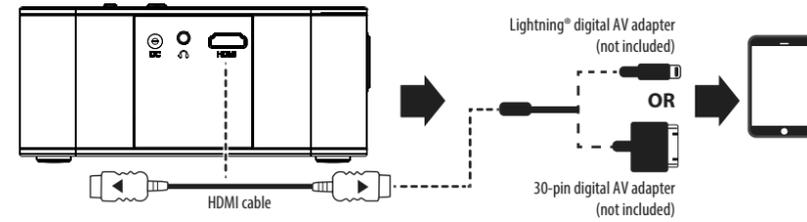
CHARGING INDICATOR	BATTERY STATUS
Green	80-100%
Yellow	31-79%
Red	0-30%

**Notes:**

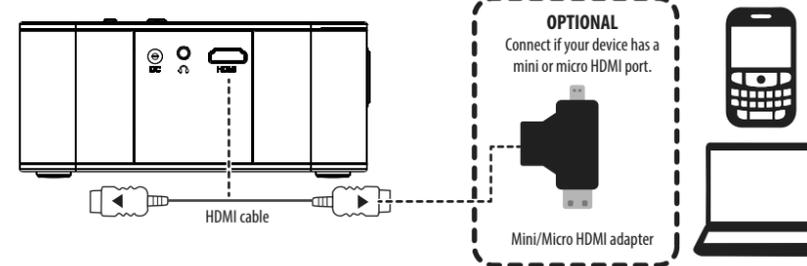
- When the charging indicator flashes green and red, the battery is unable to charge because it is too hot or too cold.
- When the charging indicator flashes red, the projector will turn off soon.

### CONNECTING YOUR PROJECTOR

#### Apple® iOS Devices



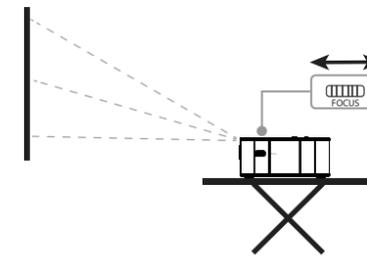
#### HDMI



### USING YOUR PROJECTOR

**Tip:** For the best picture, use the projector in a dark room or with a small picture in a brighter room.

- 1 Connect your video source device to your projector. See “CONNECTING YOUR PROJECTOR” above for instructions.
- 2 Place the projector on a hard, flat, and steady surface.
  - Notes:**
    - Make sure that the projector has enough ventilation. Do not cover the projector.
    - Keep the projector stable. Do not walk around with the projector while in use.
- 3 Turn on your source device, then press and hold ⏻ (power) for two seconds to turn on the projector. After turning on your projector, it displays “NO SIGNAL,” then mirrors your device’s screen.
- 4 Aim the lens at a screen or blank wall, then turn the FOCUS dial to bring the projection into focus.



- 5 Use your video source device to control playback.
- 6 Press **Vol+** or **Vol-** to adjust the projector’s volume level. Make sure that your video source device’s volume is set to at least 50%.
  - Note:** You can also play audio through your video source device’s speakers.

- 7 Press **Keystone+** or **Keystone-** to correct the distortion during a tilted projection.



- 8 When you are done using the projector, press and hold ⏻ (power) for two seconds to turn off the projector, then turn off your video source device.

### USING YOUR BLUETOOTH SPEAKER

Your projector has speakers and an amplifier so you can use your projector as a Bluetooth speaker.

For best sound performance, keep your Bluetooth device no farther than 33 ft. (10 m) from your projector.

- 1 Turn on your source device, then press and hold ⌘ (Bluetooth) for two seconds to turn on Bluetooth pairing mode. The Bluetooth indicator blinks.
- 2 Turn on your device’s Bluetooth, then pair your device with “NS-PR200.” When pairing is completed, the Bluetooth indicator stays on and the projector beeps twice.
- 3 Begin playing audio on your Bluetooth device. It should play through the speakers on your projector.
- 4 When you are finished, press and hold ⌘ (Bluetooth) for two seconds to turn off the speaker, then turn off your source device.

**Notes:**

- After turning on Bluetooth mode, the speaker will turn off if a device is not paired with the Bluetooth speaker within five minutes.
- If you move your device out of range, it will remain paired to the Bluetooth speaker for 10 minutes, but the speaker will not make any sound until the device is back within range. After the device is out of range for 10 minutes, the speaker will reenter pairing mode. After the device is out of range for 30 minutes, the speaker will turn off.
- When the battery is low, the projector will beep. The projector will power off automatically five minutes after the projector starts beeping.
- If no device is connected, your projector turns off after five minutes.

### USING THE HEADPHONE JACK

- 1 Connect headphones or another sound source with a 3.5 mm audio cable (not included) into the headphone jack on the left side of your projector.
- 2 Press **Vol+** and **Vol-** to adjust the volume.
- 3 Control playback using the controls on the source device.

## IMPORTANT SAFETY INSTRUCTIONS

- Do not drop the projector.
- Do not store or use the projector in an extremely hot area, such as a parked car.
- Do not disassemble or modify the projector.
- Do not block the vents on the side or top of the projector.
- Do not expose the projector to extreme vibrations. It may damage internal components.

## TROUBLESHOOTING

### ***My device does not recognize the projector.***

- If using an Android device, make sure that it is HDMI-compatible. Check with your device's manufacturer for more information.
- If using an Apple device, make sure that you have connected a digital AV adapter (with HDMI output).
- Try another video mode. The maximum input resolution is 1080p.
- Disconnect and reconnect the HDMI cable from the source device.
- Turn the source device off and on, then try again.

### ***The image blinks or changes color.***

- Reset your projector or connected device.
- The screen may blink if your phone receives a text message or call while it is connected.

### ***The image dims or turns off.***

- Turn off your source device's screen timeout.
- Turn off your source device, then turn it back on.
- If your projector is not connected to a device, it turns off automatically.

### ***Projector does not display image/video.***

- If using a computer, make sure that your display option uses the projector.
- Make sure that your cable connections are correct and secure.
- Make sure that your projector and connected device are fully charged.
- Some apps may not support image projection.
- Check the documentation that came with your device to determine whether it can display content through HDMI.

### ***Projector does not play sound or is too quiet.***

- Turn up the volume on your source device.
- Raise the volume level on your projector.

### ***My device will not connect via Bluetooth***

- Make sure that your projector and Bluetooth device are in pairing mode.
- Shorten the distance between your projector and your Bluetooth device.
- Turn your device off and then on. Re-pair your projector and your Bluetooth device.
- Make sure that your projector is not paired to another Bluetooth device.
- Make sure that your Bluetooth device is not connected to any other device.
- Make sure that you have selected **NS-PR200** on your Bluetooth device.
- Make sure that the nothing is connected to the headphone jack.

## SPECIFICATIONS

Amplifier output	5W Peak
Display	DLP DMD
LED life	20,000 hours (maximum)
Brightness	100 ANSI lumens (maximum)
Focus	Manual focusing dial
Resolution	WVGA (854 × 480)
Picture ratio	16:9
Maximum screen size (diagonal)	100 in. (254 cm)
Maximum input resolution	Up to 1080p
Dimensions	5.6 × 5.6 × 2.6 in. (14.2 × 14.2 × 6.5 cm)
Weight	1.56 lbs. (708 g)
Operating temperature	32~104°F (0~40°C)
Humidity	0~80%
Charging time	4 hours (projector powered off)
Operating time	120 minutes (average)

### **AC ADAPTER INFORMATION:**

**Input:** AC 100-240V, 50/60Hz, 1.5A

**Output:** DC 12V, 3.0A

**Maximum Ambient Temperature:** 40°C, Class II

**UL Approved**

**File No. E303985**

## LEGAL NOTICES

### **FCC Statement**

This device complies with part 15 of the FCC Rules. Operation is subject to the FCC Statement

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.

**Warning:** The unit must be used with the original accessories.

Changes or modifications to this unit 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.

### **RSS-Gen & RSS-247 statement:**

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### **RSS-102 Statement:**

This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme à l'exposition aux rayonnements Industry Canada limites établies pour un environnement non contrôlé.

## ONE-YEAR LIMITED WARRANTY

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

## CONTACT INSIGNIA:

For customer service, call 877-467-4289 (U.S. and Canada)

or 01-800-926-3000 (Mexico)

[www.insigniaproducts.com](http://www.insigniaproducts.com)

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