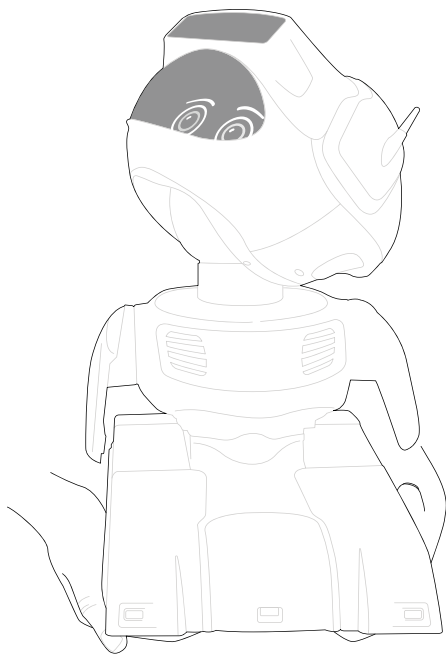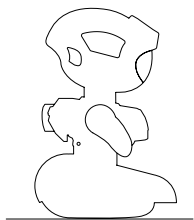**MISTY**ROBOTICS

MISTY II™

User Guide

Welcome!

We're excited that you share the vision of personal robots working alongside us to spark individual enjoyment and meet education needs. Your creativity is what makes this vision possible. Combine your code with Misty's natural talents and third-party APIs, hardware, and sensors, and there's no limit to the tasks she can do.
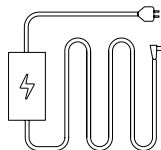
Basic Care and Operation
To reduce the risk of injury or harm, be sure to read all of the safety information and operating instructions in this guide and online at **mistyrobotics.com/support/manuals**

Misty II Robot

Foam Block Stand for Misty II

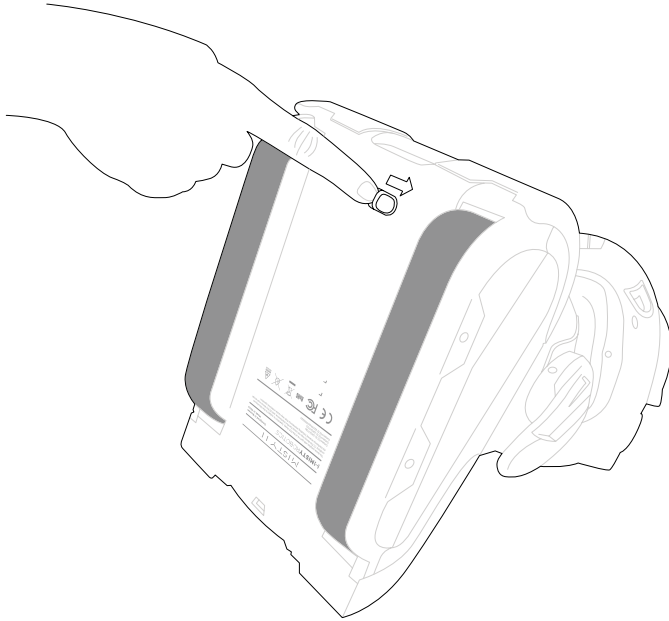**Misty II AC Power Supply**

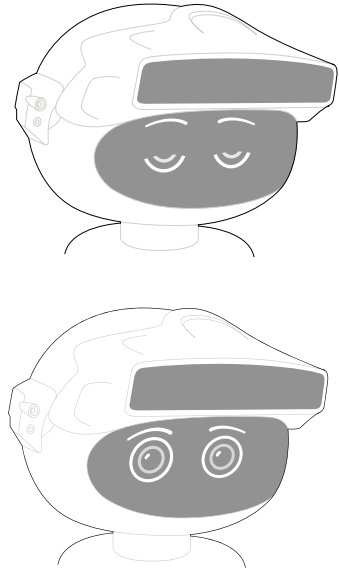**User Guide**

Unpack Misty's Gear

Misty can't wait to explore her new home. You can help by carefully unpacking her and checking that everything listed above has arrived in good shape.
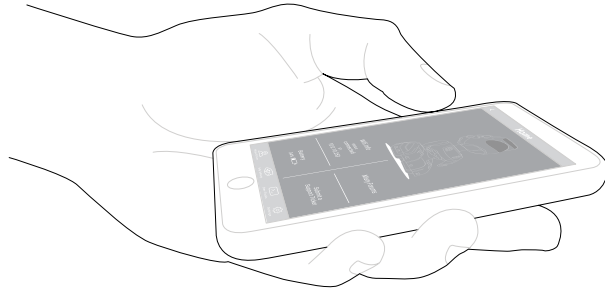
Power Misty On

Power Misty on by toggling the power switch on the bottom of her chassis to the "on" position. Misty's eyes gradually open as she boots up. She is done booting up when her eyes appear fully open.
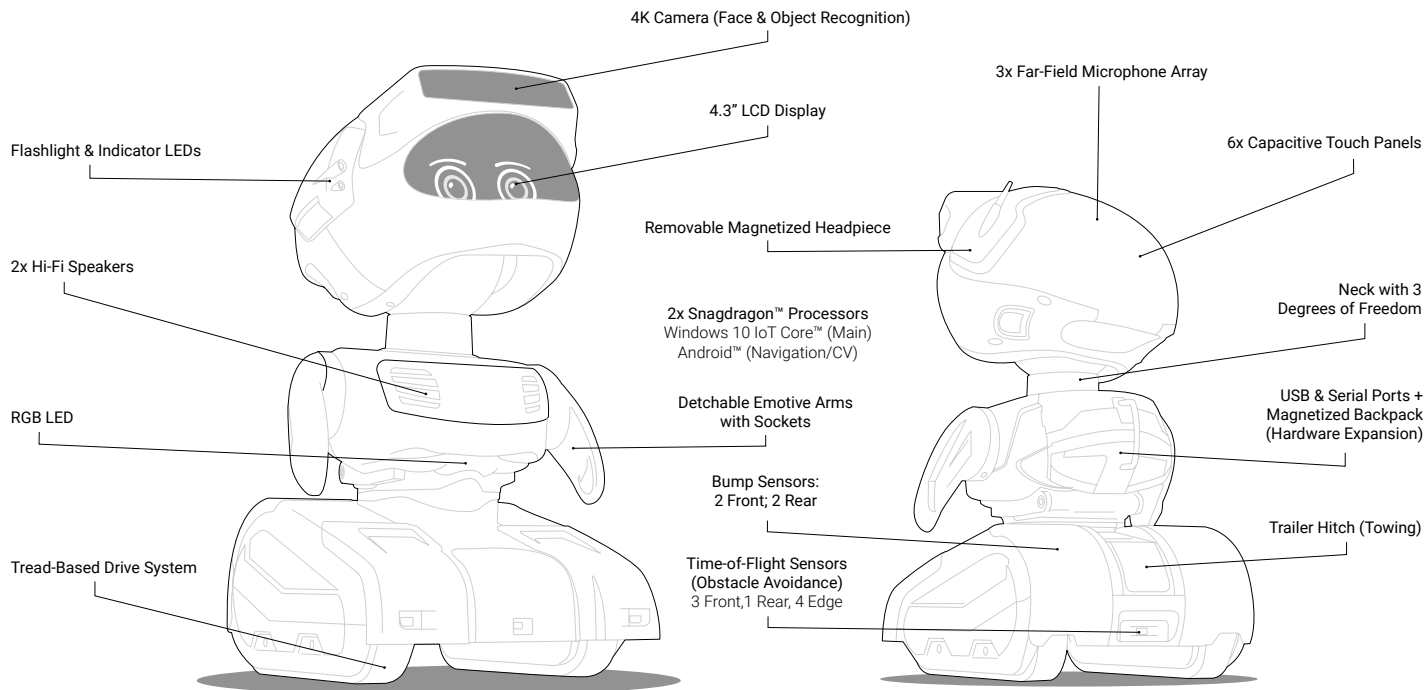
Connect Misty to Your Wi-Fi Network

You send commands to Misty and upload code to her system over your Wi-Fi network. Use the Misty App to connect Misty to Wi-Fi. For more information go to **docs.mistyrobotics.com/tools-&-apps/mobile/misty-app**

1. Download the Misty App from the App Store (iOS) or Google Play (Android).
2. Enable Bluetooth on your device.
3. Connect your device to your Wi-Fi network.
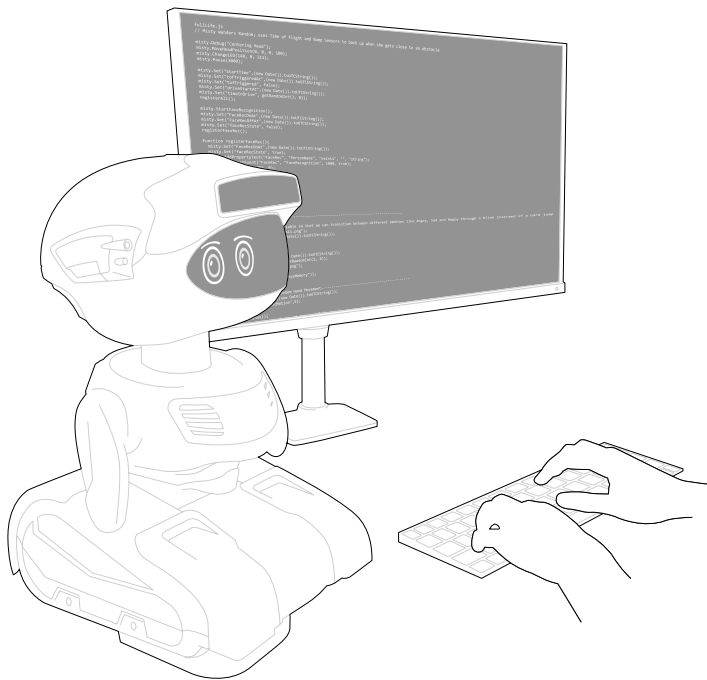**4.** Open the Misty App and follow the onscreen prompts to connect Misty to your Wi-Fi network.

Important! The Misty App displays Misty's IP address when she is connected to your Wi-Fi network. Use this IP address to connect Misty to her online graphical interface Misty Studio.

Note: Misty checks for system updates each time she connects to the internet. If Misty starts to download an update, use her AC power cable to connect her to an outlet (see the Charging Misty section of this guide). Leave Misty connected to power for the duration of the update. Do not attempt to send commands to Misty until the update is complete.

4K Camera (Face & Object Recognition)

3x Far-Field Microphone Array

4.3" LCD Display

6x Capacitive Touch Panels

Flashlight & Indicator LEDs

Removable Magnetized Headpiece

Neck with 3 Degrees of Freedom

2x Hi-Fi Speakers

2x Snagdragon™ Processors
Windows 10 IoT Core™ (Main)
Android™ (Navigation/CV)

RGB LED

Detchable Emotive Arms
with Sockets

USB & Serial Ports +
Magnetized Backpack
(Hardware Expansion)

Bump Sensors:
2 Front; 2 Rear

Trailer Hitch (Towing)

Tread-Based Drive System

Time-of-Flight Sensors
(Obstacle Avoidance)
3 Front,1 Rear, 4 Edge

Get to Know Misty II

Start Building!

Once you've connected Misty to Wi-Fi, visit Misty Studio at the generated IP address to operate Misty, explore her API, and build you first skill! Find out more on **mistyrobotics.com/getstarted**
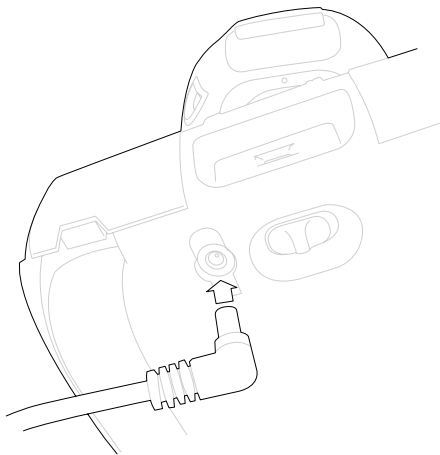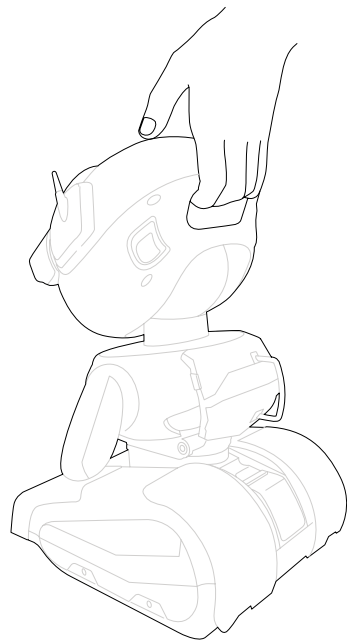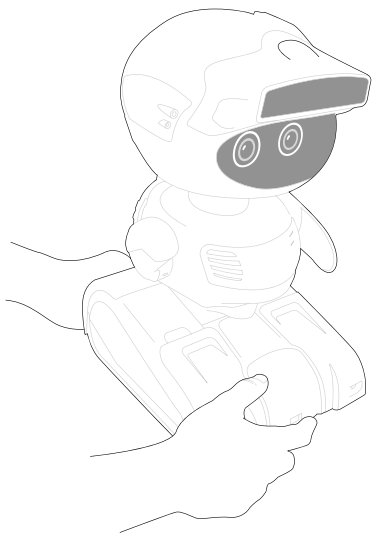
Charging Misty

You can charge Misty by plugging her AC power supply directly into the port on her base.

Wired Charging

1. Remove the rubber flap covering the power port on the underside of Misty's base.
2. Connect Misty's AC power supply to her power port.
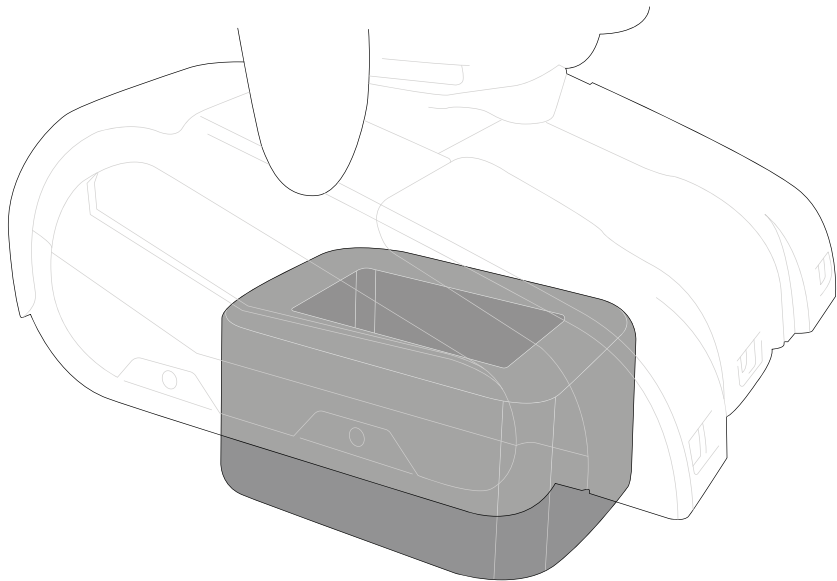**3.** Connect the power supply to an outlet.

Note: Misty arrives with her battery charged and shouldn't require additional charging before first use. However, you should connect your Misty to power if she starts to download a system update, or if she stops responding to commands.

Carrying Misty

To safely carry Misty, firmly grip her torso or base. You can also carry Misty with the built-in carrying handle on the back of her head.
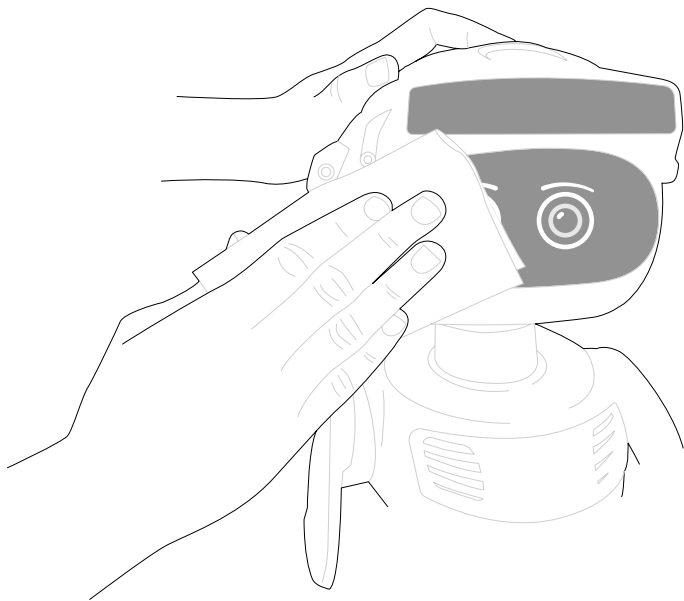
Safety on High Surfaces

When you work with Misty on a high surface (like a desk or table), we recommend elevating her treads so she can't drive. To do this you can set her on the foam block that arrives in her box.
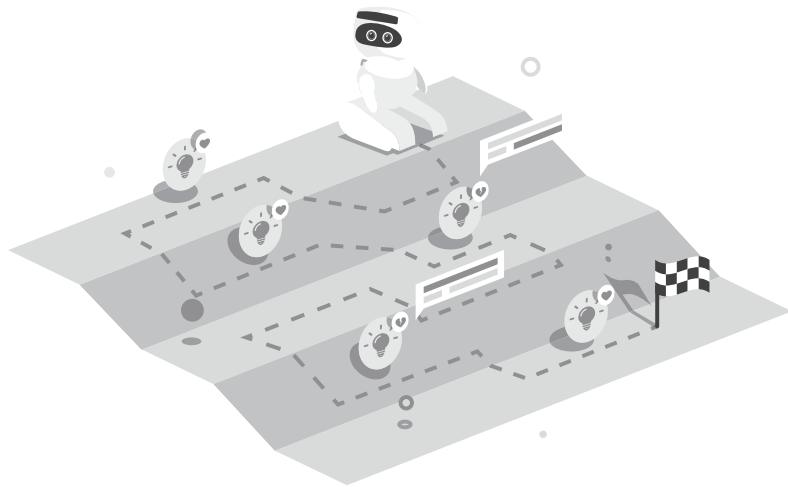
Steer Clear of Water

Misty's hazards system helps her avoid driving down the stairs, but it doesn't detect water. Keep Misty away from sinks, bathtubs, puddles, wet floors, and other sources of liquid in her environment.

Robot Hygiene

To clean Misty's chassis and display, wipe her down with a dry cloth. Do not use liquid or aerosol cleaning agents, thinners, or abrasive or corrosive materials.To clear dust and debris away from Misty's time-of-flight covers and her fan intake areas, blow these areas clean with low-pressure compressed air.

Need Help?

For more product information, visit **mistyrobotics.com/support/manuals.** For answers to frequently asked questions and to contact the Misty support team, visit **mistyrobotics.com/support**

For information about developing skills for Misty, visit the developer documentation at **docs.mistyrobotics.com.** You can also share, ask questions, learn, and get support in the online Misty Community. Find out more on **www.mistyrobotics.com**