

# Presenting with the RoboTRAK System

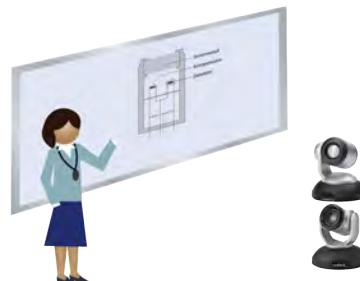
This section covers:

- How it works
- Tips for great presentations
- Starting your presentation
- Switching between tracking and camera presets
- Camera behaviors
- Tips for handling and storing the lanyard

## How It Works

Elements of the tracking system:

- **IR source** – The presenter wears an infrared signal source on a lanyard.
- **IR camera** – Follows the lanyard and directs the video camera.
- **Video Camera** (sold separately) – Follows the IR camera. Any RoboSHOT camera may be used as the video component of the RoboTRAK system.



## Tips for Great Presentations

As the presenter, you can do these things to get the most out of the RoboTRAK presenter tracking system.

- Wear the IR lanyard outside your clothing. The IR camera needs to "see" the IR emitters in the lanyard to identify it when tracking starts.
- Be sure the back of the lanyard is clearly visible, not tucked under your collar or hair. This allows the IR camera to continue tracking you when you turn around.
- If you are moving and the light on the IR camera starts blinking green, the IR camera has lost you. Be sure the lanyard is visible over your clothing and hair.
- Stay at least 12 feet (3.7 m) from the cameras. The video camera does not zoom as you move around the room.
- If you are co-presenting with another person, it is helpful for both of you to have lanyards. Ensure smooth transitions by turning off your lanyard as your co-presenter turns on their own.
- When you invite others to the front of the room, be sure they do not block the line of sight between the IR camera and your lanyard.

## Starting Your Presentation

Be sure the light on the IR camera is green, meaning the system is in tracking mode. Then press the button at the center of the medallion to turn it on, and walk in front of the IR camera. The system starts tracking you immediately.

## Switching Between Tracking and Camera Presets

Some rooms are set up with video camera presets – shots that have been set up in advance, such as

- a tight shot of each dry-erase board in the classroom
- a close-up of the lab apparatus for a demonstration
- a wide shot of the entire front of the room

Check with your A/V staff to find out whether your RoboTRAK system uses presets, and how to use them if they are available to you.

## How the Cameras Behave

If the cameras are doing this...	It means...
Both cameras are pointed in the same direction. They are not moving. The light on the IR camera is green.	The cameras are ready to track. To start tracking, turn on your lanyard.
Both cameras are moving together, and the light on the IR camera is green.	The cameras are tracking.
The cameras are pointed in different directions. The lights on both cameras are blue.	The video camera is on a camera preset or tracking mode is turned off.
The IR camera pans and its light blinks green. The video camera does not move.	The IR camera is searching for the lanyard ribbon. Check to be sure nothing is covering or obscuring the lanyard ribbon – especially in the back. The entire length of the ribbon contains IR sources.
After the IR camera searches, its light turns green and the video camera follows its movements.	The IR camera found the lanyard when it searched, and it is tracking again.
After the IR camera searches, its light turns green. Both cameras move to the home position and stop.	The IR camera did not find the lanyard when it searched. The cameras are now "parked" at the home position and ready to track. This happens when you turn off the lanyard.
The IR camera's light is blinking blue.	The IR camera is unable to communicate with the video camera. Contact your A/V team for help.

## Tips for Handling and Storing the Lanyard

Please handle the lanyard with care. Both the medallion and the ribbon contain electronic components that can be damaged if handled roughly.

- When you take off the lanyard, slip it over your head rather than using the safety clasp.
- Do not bend the lanyard ribbon where it joins the medallion.
- Coil the ribbon loosely. Pinching or creasing it will damage it.
- Connect the lanyard to its charging cable at the end of each day.



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Vaddio

131 Cheshire Ln., Suite 500

Minnetonka, MN 55305

