

## **Discover NC Dairy 360°: General Set-Up**

### Item List:

- 1 6' Folding table
- 1 Discover NC Dairy 360° fitted tablecloth
- 5 Oculus headsets & matching remotes (*Note: We are missing 1 charging cord, so we only have 4 of those. Remotes are specific to the headset and are numbered accordingly.*)
- 5 Spinning stools (*Note: Check these regularly to ensure that bolts under seat are tightened!*)
- 1 Discover NC Dairy 360° fabric banner
- 1 Power strip
- 1 Extension cord
- Lysol wipes and disinfecting spray

### Set Up:

Assemble banner and set up table with fitted tablecloth.

Turn on headsets by pressing and holding the power button on the top of the unit. In general, they have lasted 4-5 hours without having to be re-charged. *Helpful hint: Keep 1 unit as a spare that can be swapped out for the first unit that needs to be re-charged and/or for any units that get glitches or need any attention.*

Place the spinning stools in a semi-circle in front of the table that allows each one's occupant to fully turn without bumping its neighbor. The facilitator may stand within that semi-circle between the public and the headsets. *Helpful hint: This facilitator position prevents people from grabbing the headsets and putting them on without them being started, and it also facilitates getting the headsets from the facilitator's face to the participant's face while remaining in "play" mode, which is described further down.*

### Headset Operation:

Hold headset to view. Press and hold the "Oculus" button (the one with the "O" on it) to enter.

In the black menu bar across the bottom of the view screen, select "Gallery" with the trigger button on the front of the remote. *Helpful hint: If you do not see the black menu bar across the bottom of the view screen, press the "Oculus" button once; pressing the "Oculus" button again will make the black menu bar disappear.*

Next, select "Internal Storage" with the trigger button. Four video options will display. Select the video that is 2:09 minutes long (full tour) with the trigger button. The other three videos are shorter clips of specific aspects of the farm; the main goal is to have participants watch the overview first.

Point and select play on the video menu with the trigger button. If the video menu is not visible, press the trigger button. If the video does not start at the beginning, point the remote

to the first few seconds of the drag bar and press the trigger button. *Helpful hint: If you use the rewind/fast forward arrows on the video menu, you will skip to another video clip rather than remaining in the selected video. Using the drag bar in the selected video moves you within that same clip.*

Once the video is playing and before removing it from your face, slip a finger over the sensor between the lenses to prevent the headset from pausing when you take it away from your face and place it on a participant's head. *Helpful hint: This is the trickiest part for folks, maintaining play mode while moving the headset. It is best not to allow participants to use the remotes to navigate because they tend to get trigger-happy and that usually causes challenges. Seriously. You may also use painters' tape to cover the sensor; however, you must remove the tape to get the headset turned on and the video playing the first time. If not, your headset view may remain black and you will think it's not operating properly! Also, once in a while, the sensor may need to be uncovered to allow the headset to "reset." Figure out what works best for you!*

#### Common Operating Troubleshooting:

At random times during use, no matter how long headsets have been turned on, a runtime error will occur. A black screen with an error message will appear that gives instructions on how to proceed. Use the trigger button to follow the instructions (such as "Close App", "Open App", etc.). If the runtime error occurs more than twice for a particular headset unit, power off the unit by depressing the power button on the top of the headset and then selecting "Power Off" with the trigger button on the remote. Let it rest a few minutes before powering the unit on again.

If the video becomes distorted or split, the view mode may have accidentally been changed. In the video menu (where you play the selected video), check to make certain that the view mode is 360 (an encircled 360, not 360 3D or 180 or other). If it is anything other than that, select the mode with the trigger button, select the 360 option and then point the remote on the video clip and pull the trigger button to return to the video.

If you use painters' tape to cover the sensor, eventually your headset view will remain black and you will think it's not operating properly or even turning on. If you have trouble with a headset, make sure to uncover the sensor and do the power off/on process.

Bookmark <https://dairy.ces.ncsu.edu/discover-nc-dairy-360-vr-headsets-project/> in your browser. This page houses information for county contacts for Discover NC Dairy, the online training module, troubleshooting links, and other resources.

#### Cleaning the Units:

Disinfecting spray and wipes are included with the setup, and should be used when necessary during an event and at the end of every session. *Helpful hint: Try to keep the fabric portion of the units from getting wet because this makes for an unpleasant user experience.*

#### Miscellaneous:

Business cards include the website that houses all of the videos, both from the VR and the kiosk.

Insist that participants sit in the spinning stools in a safe manner before putting on the headset because some do seem to feel a sensation of falling or being dizzy.

Regularly check the stools after each session to ensure that the bolts under the seat or the castors on feet have not become loose. An allen wrench will tighten most of the original bolts; replacement ones may require a phillips screwdriver or other tool.

Questions? Email [discoverncdairy@ncsu.edu](mailto:discoverncdairy@ncsu.edu). For immediate assistance, contact Brittany Whitmire at (828) 577-8598 or Shannon Davidson at (919) 244-5756.