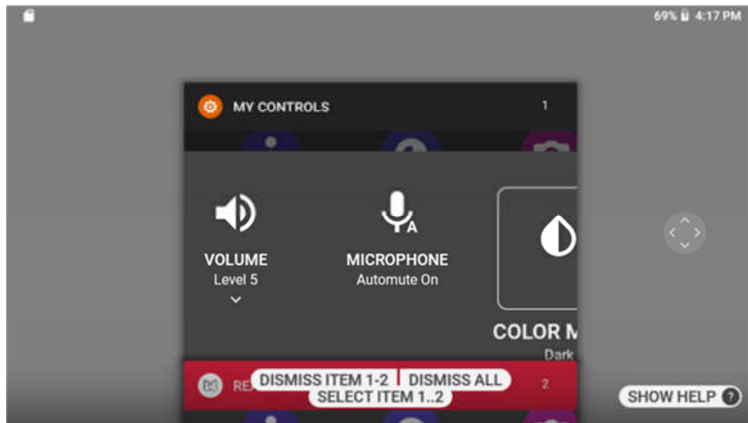


Software Overview Continued

Recent Applications

To browse recent applications, from any screen, say "RECENT APPLICATIONS". After a moment, numbers will appear in the upper right corner of each open app.



Use the "PAGE DOWN" and "PAGE UP" commands to scroll through open applications.

Select an app to open by speaking the name of the application, or use the "SELECT ITEM #" command, referencing the number in the upper right corner.

To dismiss an app from the list say, "DISMISS ITEM #", or to dismiss all, say "DISMISS ALL"

Recent Applications Voice Commands

Voice Command	Action
"RECENT APPLICATIONS"	Displays the list of all the applications running in the background, along with the item number associated with each application.
"PAGE UP"	Scrolls to the previous page of recent applications list.
"PAGE DOWN"	Scrolls to the next page of recent applications list.
"SELECT ITEM 1" "SELECT ITEM 2" "SELECT ITEM 3" ...	Opens the application associated with the specified item number.
"DISMISS ITEM 1" "DISMISS ITEM 2" "DISMISS ITEM 3"	Stops the application corresponding to the specified item number. For example, to stop the application associated with item number 5, say "DISMISS ITEM 5".
"DISMISS ALL"	Stops all currently running applications.
"SHOW HELP"	Displays extra commands.

Software Overview Continued

My Files



View documents, photos and video files locally stored or stored on an installed MicroSD card using the My Files app. Launch My Files from the Home Screen or My Programs.

The My Files view displays a set of folders for:



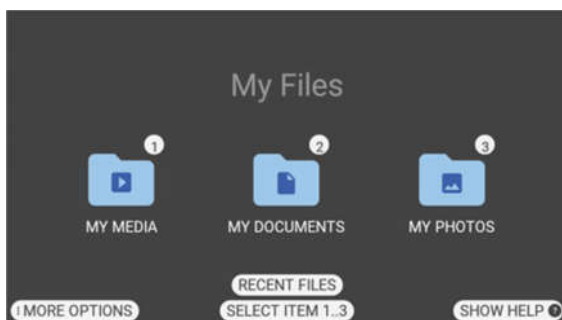
"MY MEDIA"



"MY PHOTOS"

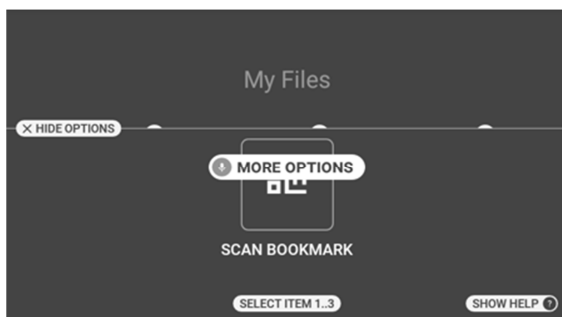


"MY DOCUMENTS"



My Files Screen

When on the My Files view, say 'MORE OPTIONS' to open the options panel and access the Scan Bookmark tool.



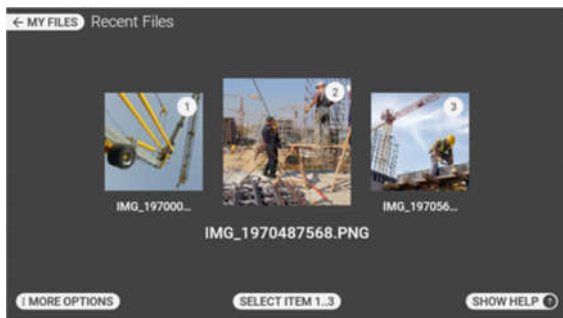
From My Files say "RECENT FILES" for quick reference to any recently opened file.

My Files Continued

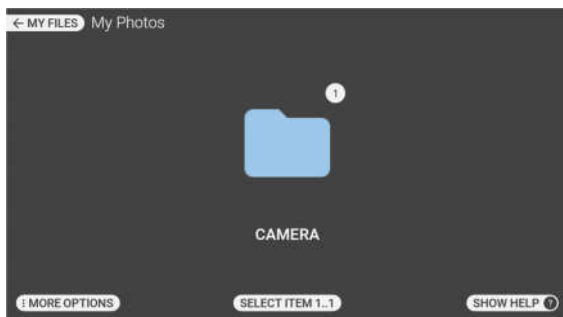
My Photos



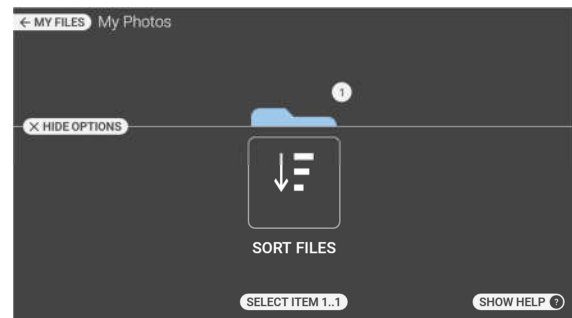
My Photos contains all still image files organized into folders in supported formats. By default, a folder called Camera will display. It contains images captured in the Navigator Camera app.



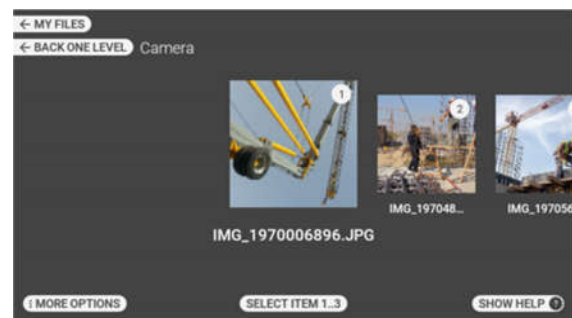
Open My Photos from the My Files view.



The command "MORE OPTIONS" provides access to a sorting featuring to help manage photo files. Open the options panel from the My Photos view.



The Camera folder contains a list of photo files. Browse images by looking left or right, then select using the "SELECT ITEM #" command to open the file.

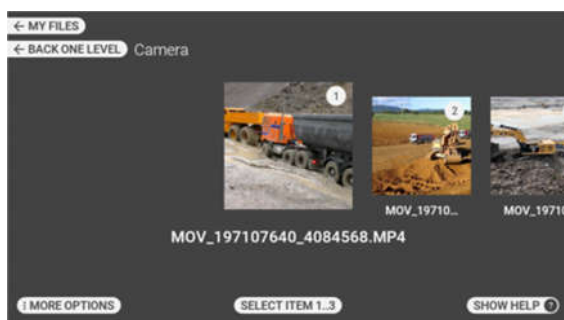


My Files Continued

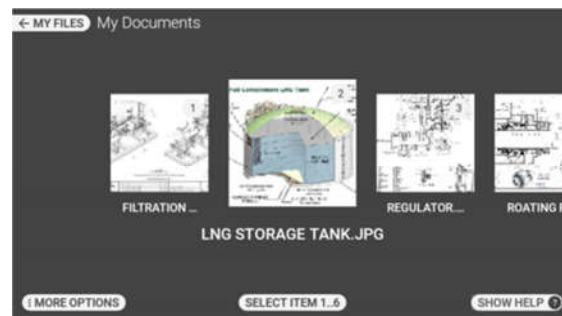
My Media



The Camera folder contains a list of video files taken using Navigator.



My Documents



Accessing File Browser Functions

Voice Command	Action
"MY MEDIA"	Displays files stored in the Videos folder and videos recorded using the Navigator camera and stored in DCIM folder. The supported file formats are: MP3, WAV, AVI, MP4, WEBM.
"MY DOCUMENTS"	Displays files stored in the Document folder. The supported file formats are: PDF
"MY PHOTOS"	Displays files stored in the photos folder and still images captured using the Navigator camera.
"RECENT FILES"	Displays recent files.
"BACK ONE LEVEL"	Navigates to the previous folder in the folder tree.
"SHOW HELP"	Displays extra commands.
"MORE OPTIONS"	Displays contextual options for each view.

My Files Continued

My Documents



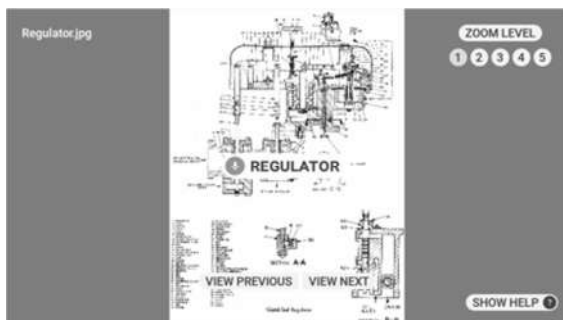
My Documents



My Photos

You can open PDF files and image files using document viewer with hands-free control. If you select a PDF or image file from My Documents or My Photos, it is opened using the Document Viewer app.

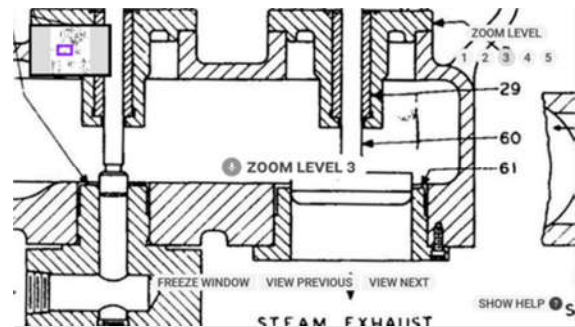
Open a file by using the "SELECT ITEM #" command or by saying the name of the document without the file extension.



Zooming and Panning

To zoom in say "ZOOM LEVEL 2" or any level from 1 to 5. "ZOOM LEVEL 5" will zoom in furthest. When a document is zoomed in at any level past level 1, you can move your head to view different areas of the document.

A small thumbnail will appear in the upper left part of the screen with a purple rectangle representing the current view.



If you want to lock the location of the document say, "FREEZE WINDOW". You can then move your head while the view is frozen.

To return to panning say, "CONTROL WINDOW". Even when frozen, the view can be zoomed in or out. To return a zoomed in window to the exact center say, "RESET WINDOW".

Document Viewer Functions

Voice Command	Action
"ZOOM LEVEL 1-5"	Zooms the document view size by setting the level to specific value — 1 to 5.
"FREEZE WINDOW"	Prevents the document from scrolling in response to head gestures.
"CONTROL WINDOW"	Unfreezes the document and enables document scrolling in response to head gestures.
"RESET WINDOW"	Moves the zoomed in window to the center of the full size image/document.
"VIEW PREVIOUS"	Switches to the previous document.
"VIEW NEXT"	Switches to the next document.

My Documents Continued

Viewing Multiple Page Documents



To view documents with multiple pages, you need to use the following navigations controls.

Voice Command	Action
"GO TO PAGE 1", "GO TO PAGE 2", "GO TO PAGE 3"...	Scrolls to the specified page. For example, to go to page 5, say "Go to page 5".
"NEXT PAGE" "PREVIOUS PAGE"	Scrolls to next/previous page.
"MY BOOKMARKS"	Displays the bookmarks currently saved in the device, for the open document.
"SHOW HELP"	Displays extra commands.

Software Overview Continued

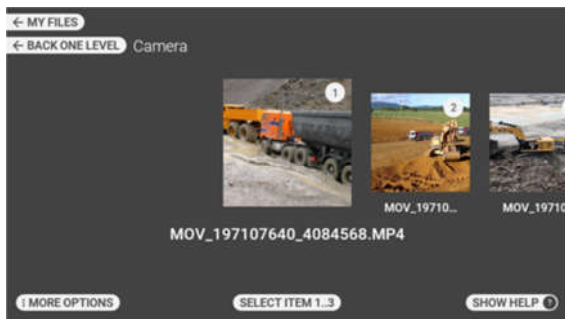
Media Player



My Media

If you select an audio or video file from My Media, it is played using the media player.

View or open files that you've captured using Navigator by navigating into the Camera folder.



Select a file by using the "SELECT ITEM #" command. For instance, to select the third item, say "SELECT ITEM 3"

Playing a video file in the Media Player:

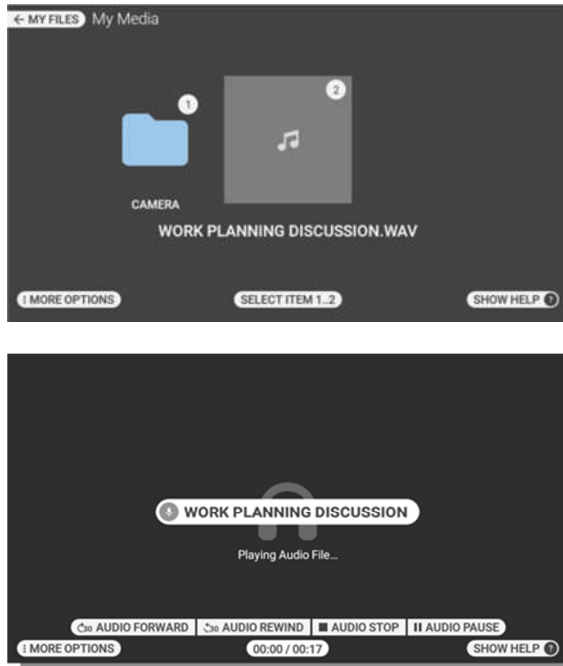


Media Player Commands for Video Playback:

Voice Command	Action
"VIDEO FORWARD"	Fast forwards the video 30 seconds.
"VIDEO REWIND"	Rewinds the video 30 seconds.
"VIDEO STOP"	Stops the video and goes to My Media screen.
"VIDEO PAUSE"	Pauses video while playing.
"VIDEO PLAY"	Plays paused video.
"SELECT VOLUME 1-10"	Sets the default volume level of the device to specified value. For example, to set the volume to 3, say "SELECT VOLUME 3".
"SHOW HELP"	Displays extra commands.

Media Player Continued

Playing an audio file in the Media Player:



Media Player Commands for Audio Playback:

Voice Command	Action
"AUDIO FORWARD"	Fast forwards the audio 30 seconds.
"AUDIO REWIND"	Rewinds the audio 30 seconds.
"AUDIO STOP"	Stops the audio and goes to My Media screen.
"AUDIO PAUSE"	Pauses audio while playing.
"AUDIO PLAY"	Plays paused audio.
"SELECT VOLUME 1-10"	Sets the default volume level of the device to specified value. For example, to set the volume to 3, say "Select volume 3".
"SHOW HELP"	Displays extra commands.

Software Overview Continued

Deleting Files from File Manager

You can delete the files from My Media, My Documents or My Photos folders.

To delete one or more files,

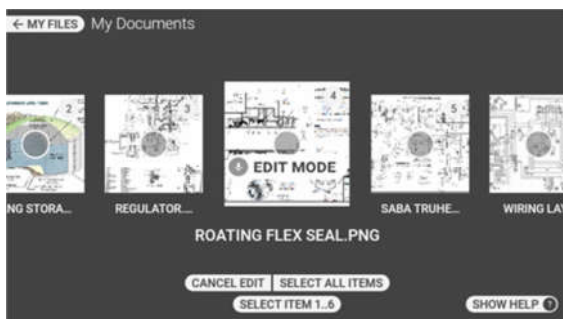
Step 1: Go to the My Media/My Documents/My Photos folder.



Step 2: Say "MORE OPTIONS"



Step3: Say "EDIT MODE". The Edit screen with option to select one or more files is displayed.



Step 4: To select a specific file, you need to use the number assigned to it. For example, you can say "SELECT ITEM 3", to select the third file, or "SELECT ITEM 5", to select the fifth file.



Step 5: Repeat as needed to select multiple files.

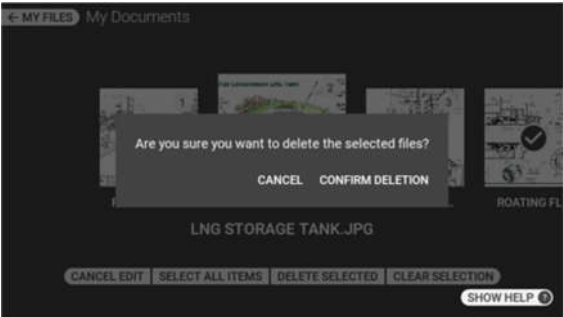


Step 6: To select all files say "SELECT ALL ITEMS".

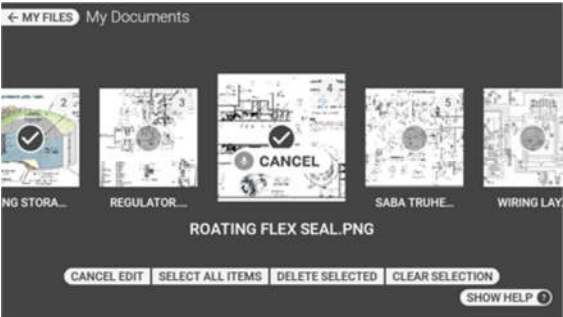


Deleting Files Continued

Step 7: To delete the selected files, say “DELETE SELECTED” and “CONFIRM DELETION”.



Step 6: To cancel the delete and retain the files, say “CANCEL”.



Options Command List

Voice Command	Action
"SORT FILES"	Open file sorting sub menu.
"EDIT MODE"	Open file editing sub menu.

My Documents - Edit Mode Command List

Voice Command	Action
"MORE OPTIONS"	Open the Options panel.
"SELECT ITEM 1", "SELECT ITEM 2" ...	Select an item by number.
"SELECT ALL ITEMS"	Select all items.
"DELETE SELECTED"	Delete selected item.
"CONFIRM DELETION"	Confirm deletion of selected item.

Software Overview Continued

My Camera



My Camera is a hands-free application for taking photographs and videos.

From the Home Screen or from the My Programs screen, say "MY CAMERA" to launch the My Camera application. When My Camera is launched, a live view of the Navigator camera's optical input will be visible in the Navigator display pod.



The Camera head-up display provides a full range of camera control and settings.

- Record video
- Take photo
- My Files
- Photo Preview
- Exposure level
- Zoom level
- Aspect ratio
- Image resolution
- Video resolution
- Frame rate
- Video stabilization
- Manual focus
- Field of View
- Camera flash

My Camera Continued

Record Video

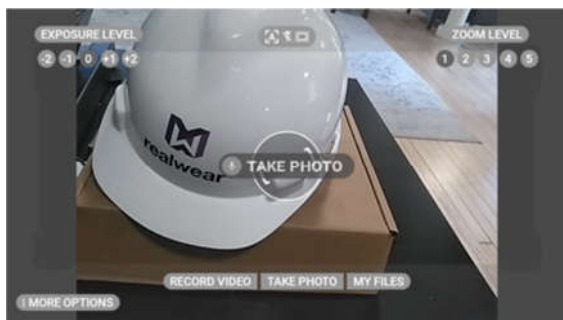
Start capturing video by saying "RECORD VIDEO".



Say "STOP RECORDING" to stop recording video.

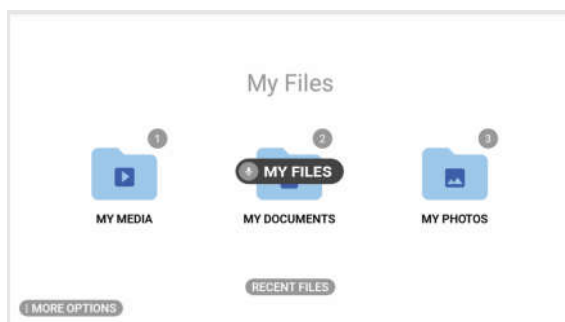
Take Photo

Take a photo by saying "TAKE PHOTO".



My Files

Say "MY FILES" to access stored files on the device.



Preview

When a video or photo is captured, a preview will be displayed in the mid to upper right corner of the view.



Open it by saying 'PREVIEW' while the preview pane is displayed.

Preview of Photo:



Preview of Video:



My Camera Continued

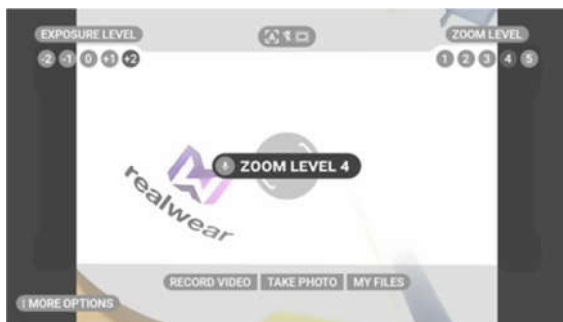
Exposure Level

For greater adaptation to more environmental situations, Exposure levels can be adjusted on the fly simply by saying "EXPOSURE LEVEL MINUS TWO."



Zoom Level

As in other applications that use the Camera, say "ZOOM LEVEL #" to adjust it as you go.



More Options

Saying "MORE OPTIONS" displays more camera settings that are useful for fine adjustments and device adaptation.

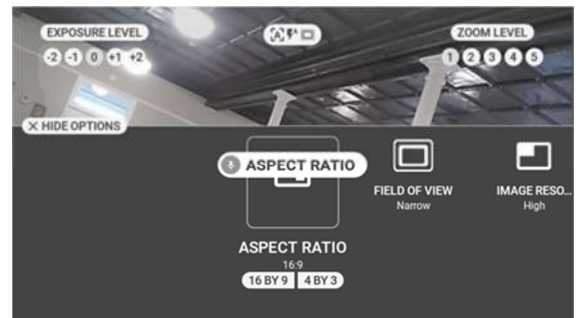


More Options in the My Camera app include:

- Aspect ratio
- Field of View
- Image resolution
- Video resolution
- Frame rate
- Video stabilization

Aspect Ratio

Saying "ASPECT RATIO" allows you to toggle between the two capture aspect ratio settings.



Say "SIXTEEN BY NINE" or "FOUR BY THREE" to change the setting.



My Camera Continued

Field of View

Saying "FIELD OF VIEW" toggles between narrow and wide field of view.

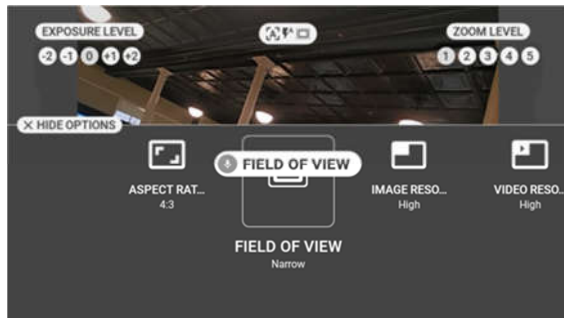
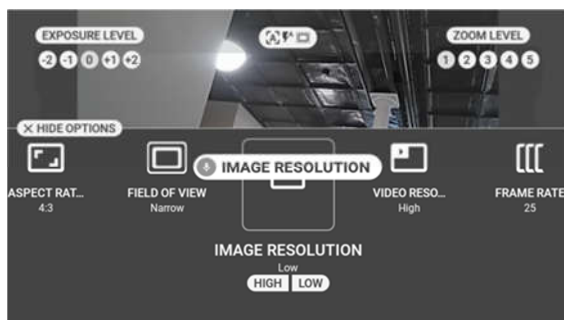
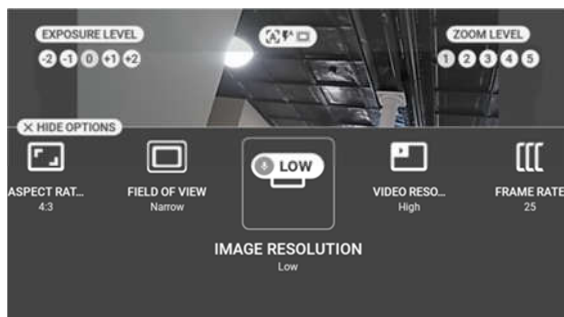


Image Resolution

Saying "IMAGE RESOLUTION" allows you to toggle between image resolution options.

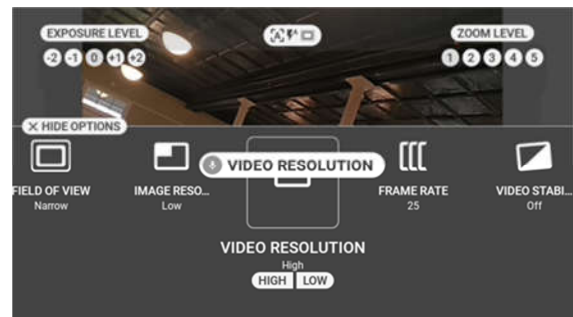


Say "HIGH" or "LOW" to switch modes.

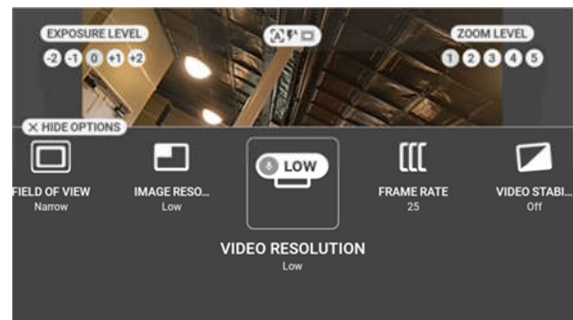


Video Resolution

Saying "VIDEO RESOLUTION" allows you to toggle between video resolution options.



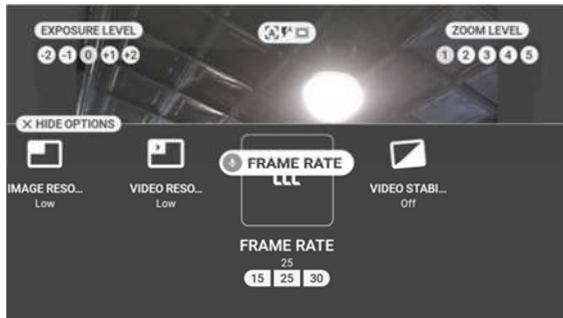
Say "HIGH" or "LOW" to switch modes.



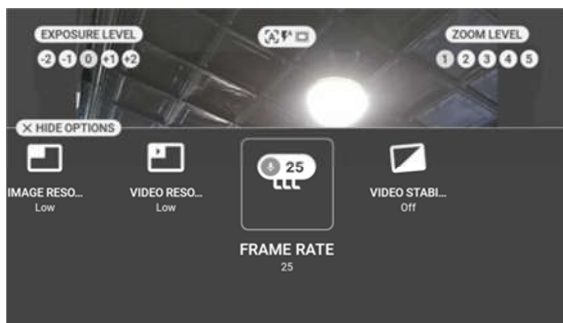
My Camera Continued

Frame Rate

Saying "FRAME RATE" allows you to toggle the frame rate at which video will be captured.

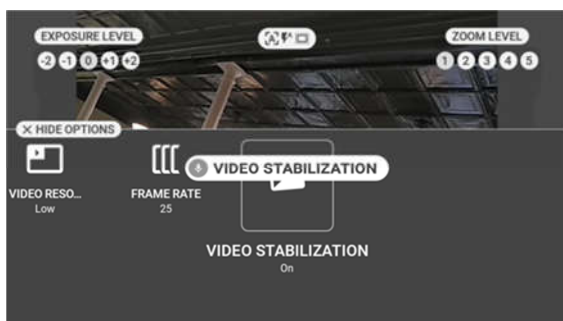


Say "FIFTEEN", "TWENTY-FIVE" or "THIRTY" to select the desired frame rate.



Video Stabilization

Saying "VIDEO STABILIZATION" will toggle on or off the built-in video stabilization function. When enabled, this provides a smoother video compensation for movement.



Additional Camera commands can be referenced by opening the Help panel.



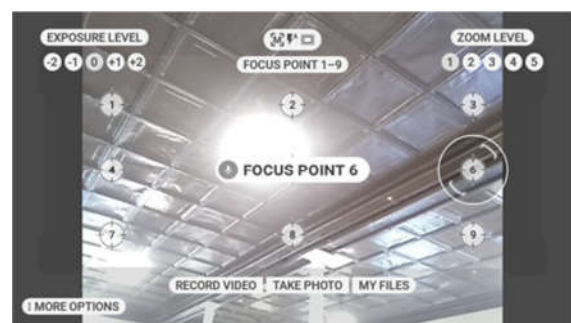
- "MANUAL FOCUS"
- "FLASH ON"
- "FLASH OFF"

Manual Focus

Saying "MANUAL FOCUS" toggles on Manual Focus.



Once enabled, you can set a focus point by saying "FOCUS POINT ONE"... "FOCUS POINT NINE". For instance, to focus on point 6, say "FOCUS POINT SIX".



Say "AUTO FOCUS" to return to the Auto-focus function.

My Camera Continued

Flash On / Flash Off / Flash Auto

The default flash setting is off. Flash commands can be found in the SHOW HELP menu.
To turn on the Flash on say "FLASH ON". To turn off say "FLASH OFF".
Auto-Flash will use the camera's light sensor to detect if a flash is needed. To activate say, "FLASH AUTO".
To take off of auto-flash, either say "FLASH ON" or "FLASH OFF"

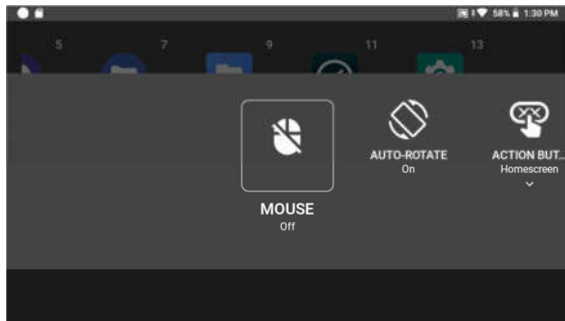
Voice Command	Action
"RECORD VIDEO"	Starts recording video.
"TAKE PHOTO"	Captures a photo.
"MY FILES"	Opens my files.
"PREVIEW"	While preview thumbnail is visible, will open last captured photo or video.
"EXPOSURE LEVEL MINUS TWO", "EXPOSURE LEVEL MINUS ONE", "EXPOSURE LEVEL ZERO", "EXPOSURE LEVEL PLUS ONE", "EXPOSURE LEVEL PLUS TWO"	Adjusts exposure level. The screen will immediately show the results of the exposure level change. Default is Exposure Level 0.
"ZOOM LEVEL ONE", "ZOOM LEVEL TWO", ... , "ZOOM LEVEL FIVE"	Adjusts zoom level.
"MORE OPTIONS"	Opens Camera Options panel.
"MANUAL FOCUS"	Switches focus mode to manual.
"AUTO FOCUS"	Switches focus mode to auto.
"FLASH ON"	Turns flash on.
"FLASH OFF"	Turns flash off.

From My Camera options menu

Voice Command	Action
"ASPECT RATIO"	Opens settings sub menu for Aspect Ratio.
"FIELD OF VIEW"	Opens settings sub menu for Field of View.
"IMAGE RESOLUTION"	Opens settings sub menu for Image Resolution.
"VIDEO RESOLUTION"	Opens settings sub menu for Video Resolution.
"FRAME RATE"	Opens settings sub menu for Frame Rate.
"VIDEO STABILIZATION"	Opens settings sub menu for Video Stabilization.

Software Overview Continued

My Controls



You can access the control panel from any screen. To access the control panel, say “MY CONTROLS”.

My Controls is designed with a combination of voice controls and head movements.

Browse the list of commonly used controls by turning your head left or right, then say the name of the item you want to adjust.

Note that Items are active and can be selected even when not in the viewable area.

My Controls provides device-level control of the following:



Mouse



Auto-Rotate



Action Button



Power Options



Bluetooth



Wireless Network



Flashlight



Brightness



Volume



Microphone



Color Mode



Dictation



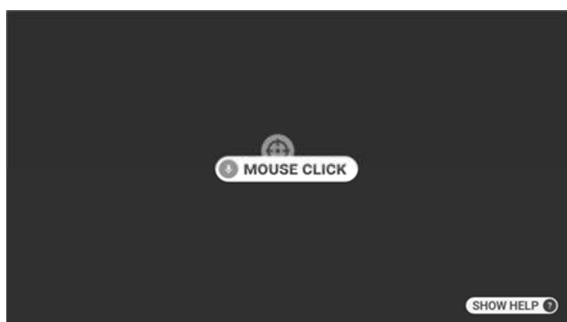
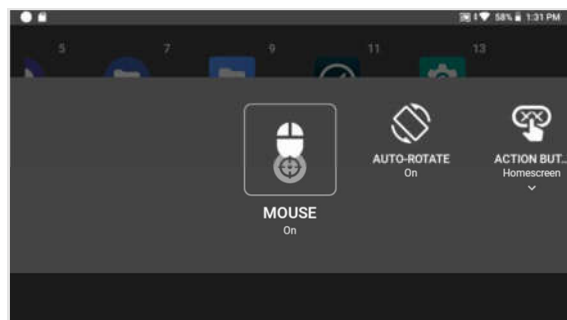
Help Command

My Controls Continued



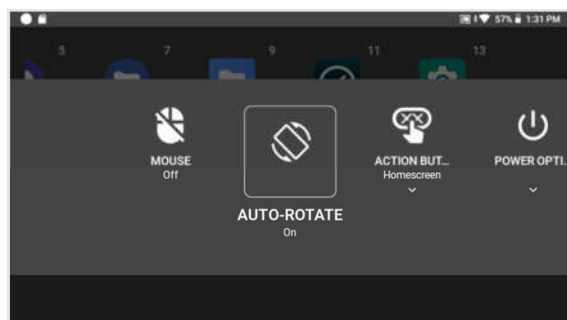
Mouse

Saying "MOUSE" toggles the head-tracked mouse on or off. When enabled, use the command "MOUSE CLICK" to make selections.



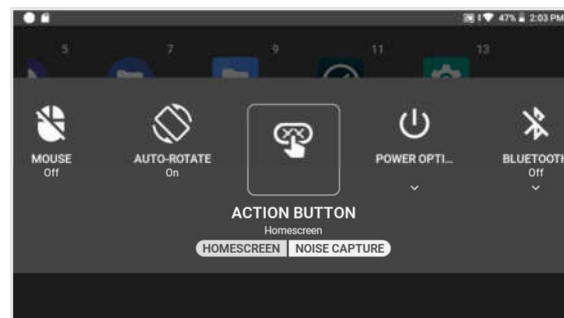
Auto-Rotate

Saying "AUTO ROTATE" toggles on or off screen rotation.



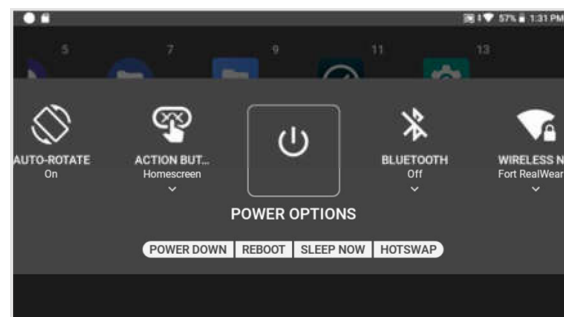
Action Button

Saying "ACTION BUTTON" allows you to toggle the result of pressing the Action Button between "HOMESCREEN" and "NOISE CAPTURE" modes.



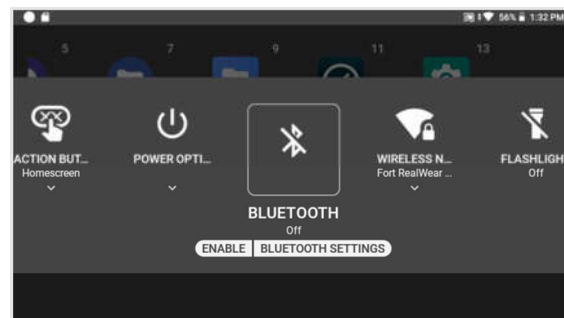
Power Options

Saying "POWER OPTIONS" provides access to power management options "POWER DOWN", "REBOOT", "SLEEP NOW" and "HOTSWAP".



Bluetooth

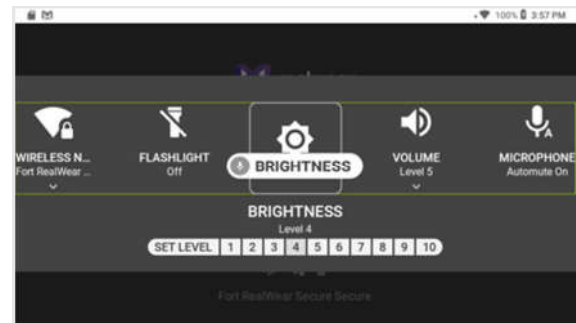
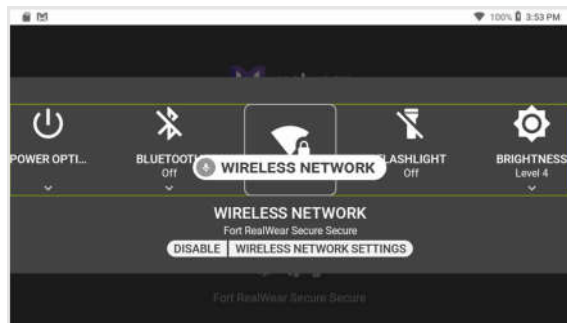
Saying "BLUETOOTH" allows you to "ENABLE" or "DISABLE" Bluetooth, as well as access the "BLUETOOTH SETTINGS" for pairing to an external Bluetooth enabled device.





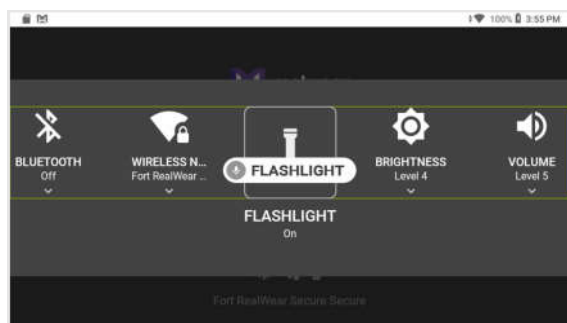
Wireless Network

Saying "WIRELESS NETWORK" allows you to "ENABLE" or "DISABLE" WiFi, as well as access the "WIRELESS NETWORK SETTINGS" for connecting to a WiFi network.



Flashlight

Saying "FLASHLIGHT" toggles on and off the built-in flashlight.



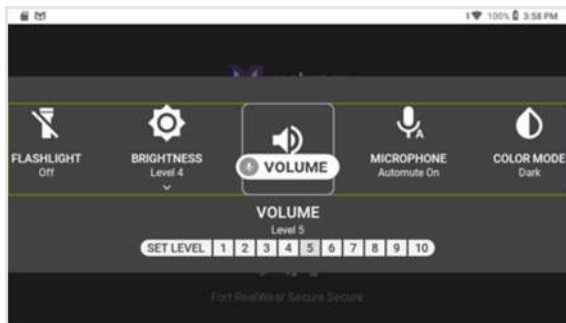
Brightness

Saying "BRIGHTNESS" allows you to change the brightness setting on the system. Say "SET LEVEL 1-10" to change the brightness setting.



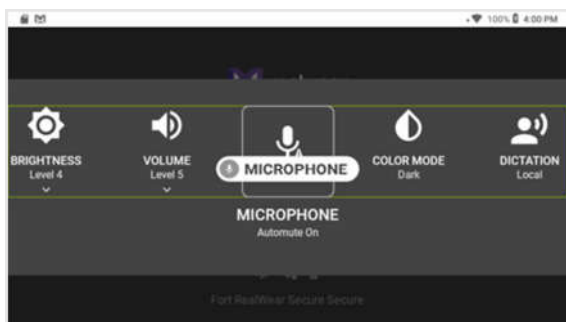
Volume

Saying "VOLUME" allows you to change the volume setting on the system. Say "SET LEVEL 1-10" to change the volume setting.



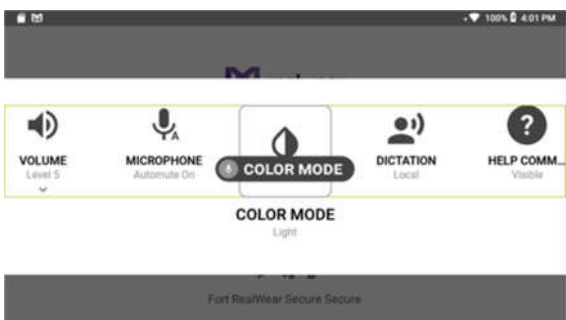
Microphone

Saying "MICROPHONE" toggles on and off the auto-mute function. When enabled, if the device has been sitting idle without movement detected for 30 seconds, the device will stop listening for Speech Commands.



Color Mode

Saying "COLOR MODE" toggles between light and dark modes.

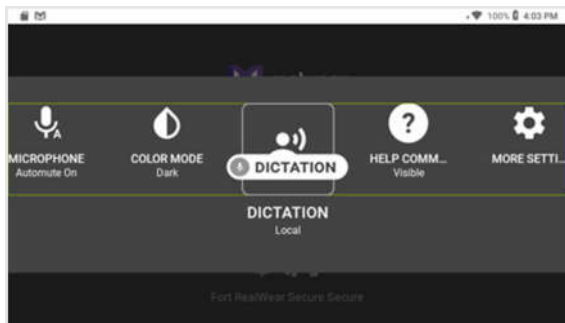


My Controls Continued



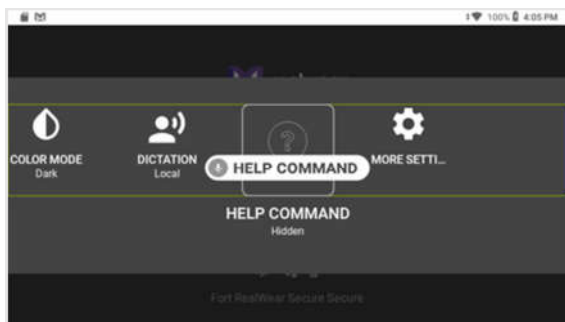
Dictation

Saying "DICTATION" toggles between Local and Cloud-based dictation. Note that Local dictation is not available for all system languages, so a WiFi connection may be required.



Help Command

Saying "HELP COMMAND" toggles on and off the visibility of the "SHOW HELP" icon that is by default visible across many screens. When disabled, the global "SHOW HELP" command is still active and usable.



My Controls command list

Voice Command	Action
"MOUSE"	Toggles the head-tracked mouse on or off.
"AUTO ROTATE"	Toggles on or off screen rotation.
"ACTION BUTTON"	Toggles Noise Capture mode.
"POWER OPTIONS"	Provides access to power management options.
"BLUETOOTH"	Enable or disable bluetooth.
"WIRELESS NETWORK"	Enable or disable wifi.
"FLASHLIGHT"	Turn the flashlight on and off.
"BRIGHTNESS"	Change the brightness of the display.
"VOLUME"	Change the volume of the system.
"MICROPHONE"	Toggles on and off the auto-mute function
"COLOR MODE"	Toggle light and dark mode.
"DICTATION"	Toggles between Local and Cloud-based dictation.
"HELP COMMAND"	Toggles the visibility of the "SHOW HELP" icon across all screens where it is visible by default.

My Controls Continued

Action Buttons

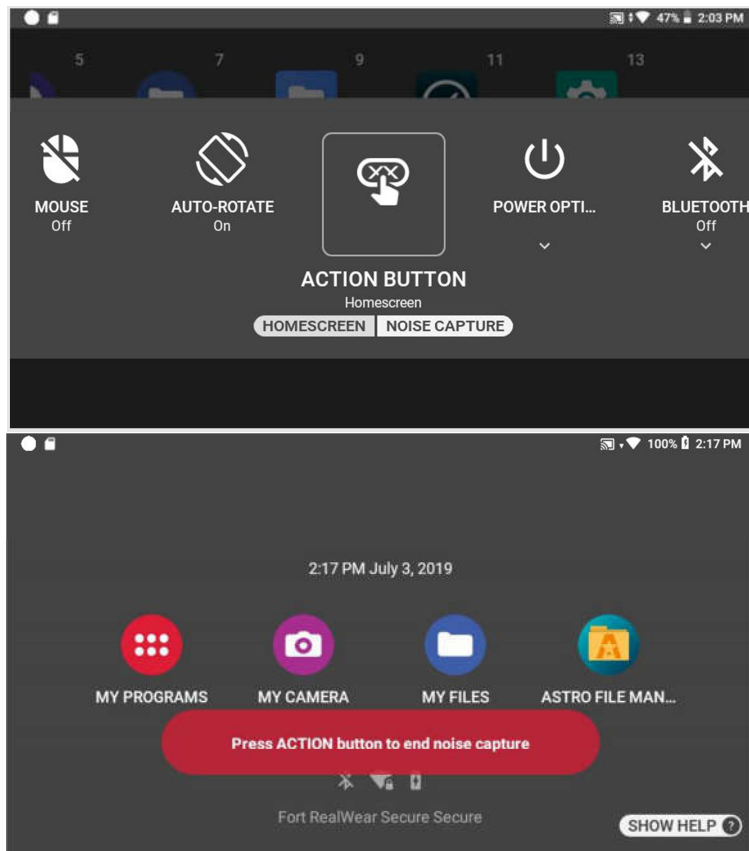
Navigator has three Action Buttons — Action Button A, Action Button B and Action Button C.



Action Button controls, found in the My Controls menu, allows a Navigator user to change the result of a single press of the Action Button. By default the Action Button control is present in My Controls and set to Home Screen mode, meaning that pressing the Action Button will return the user to the Home Screen.

Saying "ACTION BUTTON" while in My Controls will activate a selection for the Navigator user. "HOMESCREEN" and "NOISE CAPTURE" are the two options and the text below the ACTION BUTTON command shows the current setting. In the example above, the current state is HOMESCREEN and the command "NOISE CAPTURE" may be selected.

When set to Noise Capture mode pressing the Action Button will alternatively disable or enable the noise cancellation ability of the Navigator, allowing external noise to be captured in video/audio transmission and recordings. A single press of the Action Button enters Noise Capture mode (and disables noise cancellation); this displays a warning on the screen while active and voice commands will not be recognized. Another single press of the button reinstates noise cancellation and restores voice command ability. Voice commands are disabled because non-noise captured sound will usually launch unwanted commands.



Voice Command	Action
"HOMESCREEN"	Sets the Action Button to go to the Home Screen when pressed
"NOISE CAPTURE"	Sets the Action Button to enable Noise Capture mode when pressed

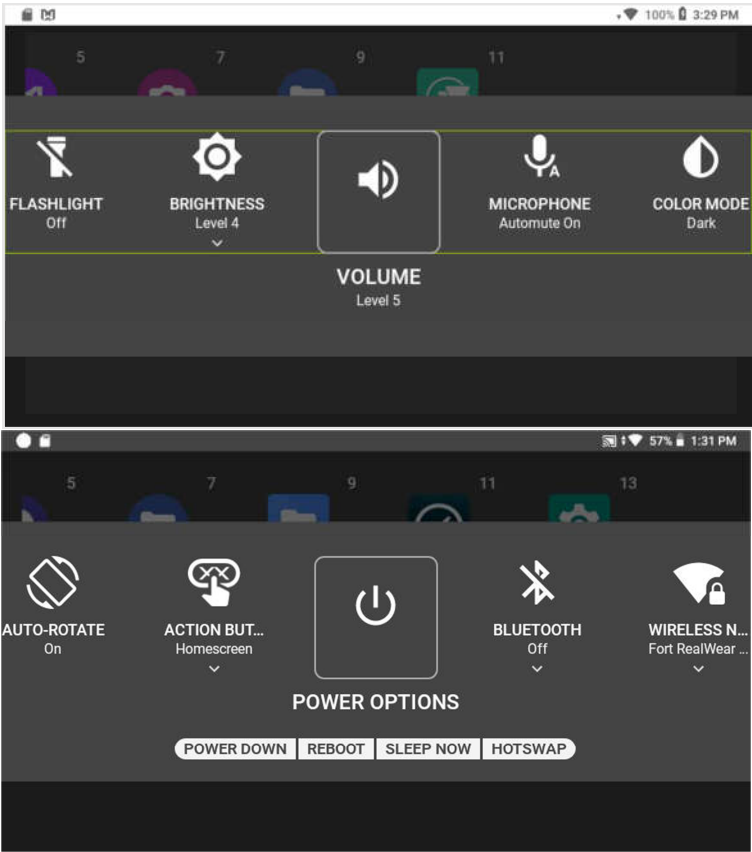
My Controls Continued

Power Management

Power Options allow you to access power management functions using voice commands.

To access Power Options:

From any screen say, "MY CONTROLS", then say "POWER OPTIONS".



The following voice commands are made available:

Voice Command	Action
"POWER DOWN"	Powers Off Navigator device
"REBOOT"	Reboots Navigator device
"SLEEP NOW"	Puts Navigator into sleep mode. Press the Power On button to wake up
"HOTSWAP"	Puts Navigator device in Hotswap mode. Say "START SWAP" to initiate. When the battery swap is complete and the battery is secured, tap the power button once to wake up

My Controls Continued

Battery Hot Swap

The Hot Swap feature allows you to place Navigator into very low power consumption mode and swap out the removable battery.

Hot Swap may be launched in one of two ways:

- Choose “HOTSWAP” from Power Options in My Controls.
- Choose “HOTSWAP” from the options in a low battery warning screen.

When selecting hot swap, Navigator will show a message, “Ready for swap?” Say “START SWAP” to start the battery swap process.

Navigator will verbally announce it is preparing for swap, the screen will go dark, and the power button will blink red. Replace the battery within 5 minutes to maintain the current state of the system.

As soon as battery is replaced, press the power button. Navigator will resume operation.

Microphone Settings

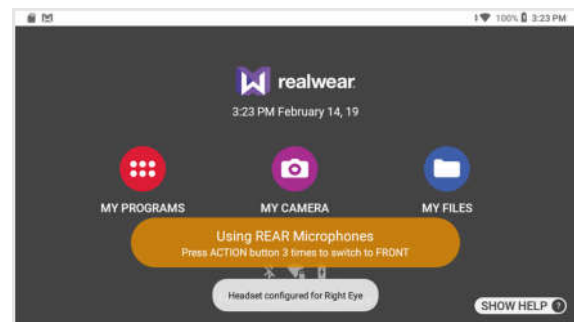
Switch between Front Microphones and Rear Microphones.

By default, the Front Microphones are enabled.

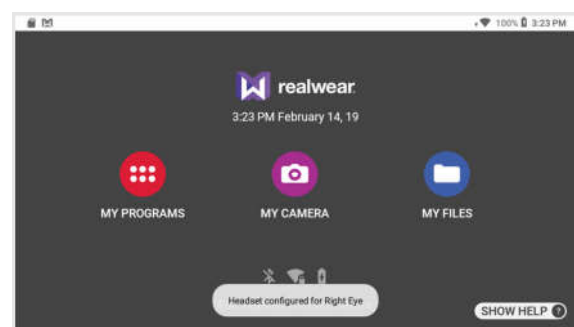
The front microphones are built into the display pod and provide optimal noise-cancellation. If using Navigator with the display moved out of your line of sight, you can use rear microphones built into the frame of Navigator.

Important: To toggle between front and rear microphones, press the Action A button three times quickly.

When the rear microphones are active, an audio notification is played, and a message is displayed on the screen.



When the front microphones are active, another audio notification is played the message is removed.



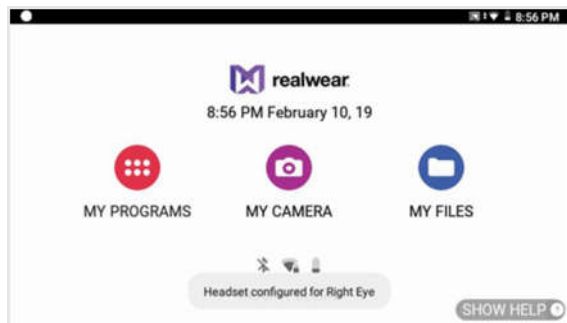
My Controls Continued

Screen Orientation

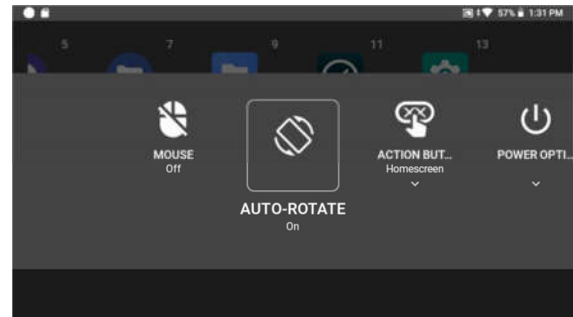


Screen Rotation

When Navigator rotates, the display will automatically rotate by default. This ensures your ability to use Navigator with either eye.



Auto-rotate can be toggled on or off in My Controls. Say "AUTO ROTATE" to toggle the setting on or off.



A message appears on the screen indicating the change in the orientation.

Power Warnings

Navigator will monitor the battery and display a warning when it is below 15% remaining charge.

The warning popup will appear when the battery discharges to 15%, 10%, and 5%. At each level, a different color battery warning graphic appears.

- To dismiss the warning and continue using Navigator, say "DISMISS"
- To begin hot swapping the battery, say "START SWAP".



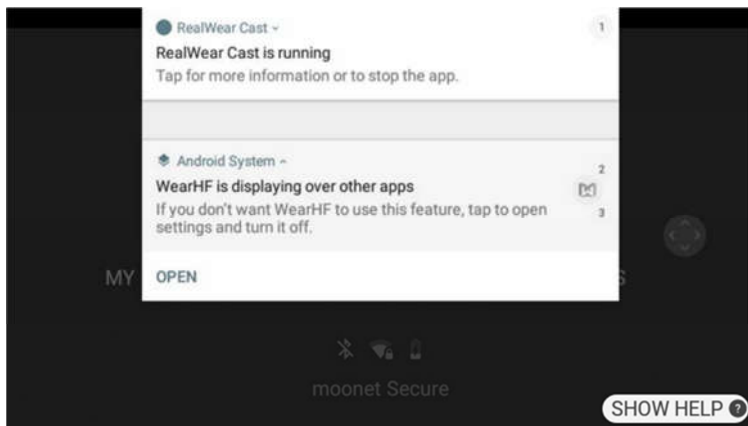
Software Overview Continued

Notifications

Notifications are actionable messages sent from the operating system and applications.

To access notifications, say "SHOW NOTIFICATIONS".

The Notifications panel will display above the current screen.
To close the Notifications panel, say "HIDE NOTIFICATIONS".
Recent notifications are presented as items in a list.



Each notification in the list will include:

- Notification source
- Notification title/headline
- Notification details
- Item number

You can open a notification by first selecting it, say "SELECT ITEM NUMBER"

When selected, say "OPEN" to view.

When a notification is opened, a more detailed view is displayed. From this view, specific actions can be taken. As a reminder and quick reference - when on the Navigator Home Screen, the number of notifications will be displayed in the top left corner.

Notifications Voice Commands

Voice Command	Action
"SHOW NOTIFICATIONS"	Opens the list of notifications.
"SELECT ITEM #"	To view a specific notification.

Software Overview Continued

Barcode Reader

Use the Navigator barcode reader to scan the following types of barcodes:

- UPC
- EAN
- QR Code
- Data Matrix
- Code 128

When launched, the barcode reader automatically scans any supported barcode that is detected and displays the details automatically. Point the camera at the barcode ensuring that the entire barcode is within the white rectangle with rounded edges.



You can also scan QR codes that contain RealWear bookmarks, URLs, and application codes to open the respective items. Turn the Navigator flashlight on or off by saying “FLASHLIGHT ON” or “FLASHLIGHT OFF” while Barcode Reader is open.

Tip: Use zoom control to more easily frame and read some barcodes.

Barcode Scanner Functions

Voice Command	Action
“Zoom Level 1 to 5”	Zooms the camera view by setting the level to specific value — 1 to 5

Voice Command	Action
	For example, to set the zoom level to 4, say "Zoom level 4".
"Flashlight ON/ OFF"	Switches On/Off flashlight.

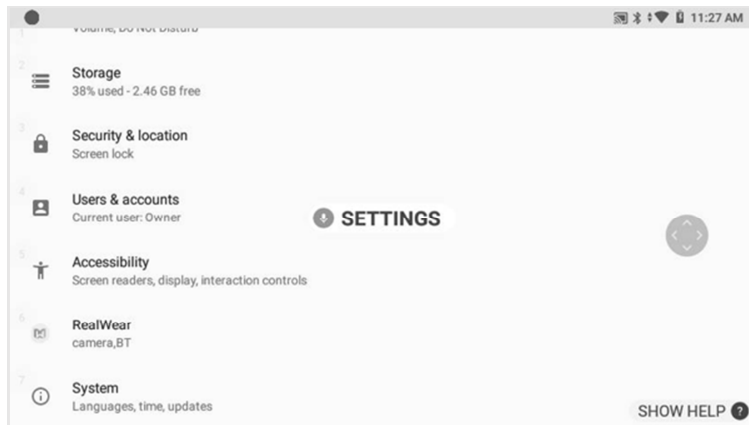
Software Overview Continued

Setting Up Bluetooth Primary/Secondary Switch

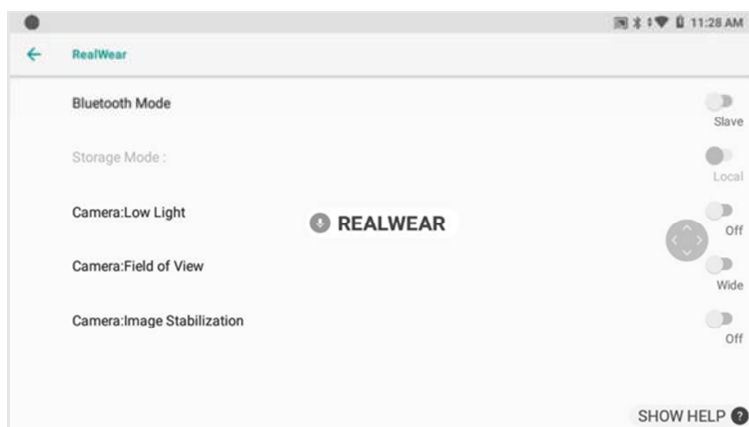
You can connect Navigator other Bluetooth devices, in either Bluetooth primary or Bluetooth secondary modes.

- In Primary mode, Navigator can connect to audio devices such as Bluetooth earpieces and Bluetooth speakers.
- In Secondary mode, the Navigator can connect to mobile phones and act as a Bluetooth microphone/headset for the phone.

To change the Bluetooth mode, go to My Programs and say "SETTINGS".



Select the item called "REALWEAR" just by its name or select the item number using "SELECT ITEM #".



Bluetooth Mode settings will appear. Secondary is selected by default. Say "BLUETOOTH MODE" to toggle between Primary and Secondary modes.

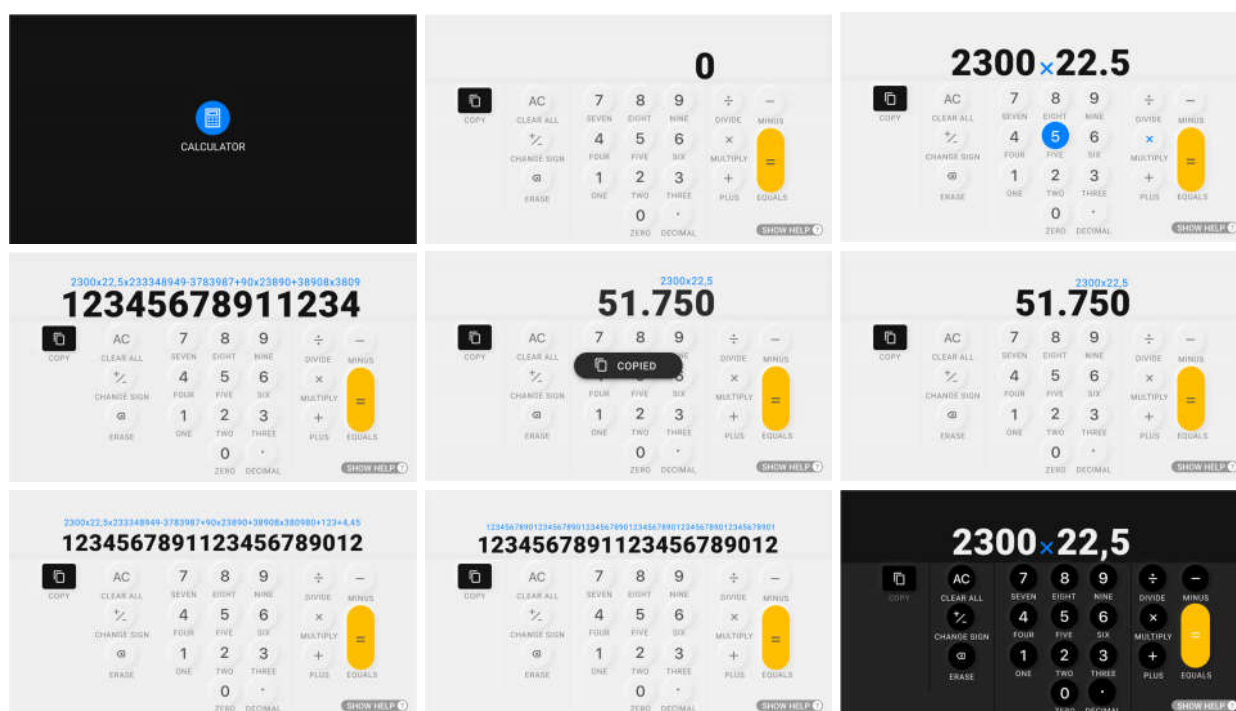
Software Overview Continued

Utility Apps

Navigator includes three built-in Utility Apps: Calculator, Activity and Timing.

Calculator

To access the Calculator Utility App, from the home screen, say “UTILITY APPS”, then say Calculator. To use the Calculator app, say the numbers or symbols you see on the screen to perform calculations:



Navigator Ownership Information

All communications, notices and legal agreements have the meaning provided in the English language; translations into other languages are for convenience only. If there is any discrepancy between the translated and English version, the English version will prevail.

Models Covered

The information contained herein covers the following RealWear Navigator model(s):
T21G

You can find the model name on the Navigator one of the two device labels on the rear inner band. You must take off the removable pad to see the label. Serial Numbers are 15 characters in length.

You can find E-label by MY PROGRAMS -> ABOUT DEVICE -> VIEW LABEL.

Ownership Information Continued

Navigator Regulatory and Compliance Statements

WARNING: Changes or modifications made to this equipment not expressly approved by RealWear, Inc. for compliance could void the user's authority to operate the equipment.

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. 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 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.

FCC Caution

1. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
2. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
3. Operations in the 5.15-5.25GHz band are restricted to indoor use only.

IC Statement — English

1. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: • This device may not cause interference, and • This device must accept any interference, including interference that may cause undesired operation of the device.
2. This Class B digital apparatus complies with Canadian ICES-003. CAN ICES-003(B)/ NMB-003(B).
3. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter, except tested built-in radios.
4. The Country Code Selection feature is disabled for products marketed in the US/Canada.

IC Statement - Français

1. 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:
 - l'appareil ne doit pas produire de brouillage, et
 - l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
2. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. CAN ICES-003(B)/ NMB-003(B)
3. Cet appareil et son antenne ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou un autre émetteur, exception faites des radios intégrées qui ont été testées.
4. La fonction de sélection de l'indicatif du pays est désactivée pour les produits commercialisés aux États-Unis et au Canada.

Regulatory and Compliance Continued

IC Statement — FOR WLAN 5GHZ DEVICE

Caution

1. Operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.
2. The maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. limit.
3. The maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate.
4. The worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in Section 6.2.2(3) shall be clearly indicated.
5. Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Avertissement 1

1. Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.
2. le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limite de p.i.r.e.
3. le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5725-5825 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.
4. les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élévation, et énoncée à la section 6.2.2 3), doivent être clairement indiqués.
5. De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Ownership Information Continued

Declaration of Conformity

EU Regulatory Conformance

Hereby, we RealWear, Inc. declare that the radio equipment type T21G is in compliance with: Directive 2014/53/EU.

	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK(NI)

Declaration of Conformity

EU Declaration of Conformity

Manufacturer:

Name: RealWear, Inc.
Address: 600 Hatheway Road, Vancouver, WA, 98661

Radio Equipment:

Model: T21G
Description: Head Mounted Tablet
Radio-related Hardware Version: A
Radio-related Software Version: 1.0.3-08-T.NAV5XX.G

Supplied Accessories and Components: USB cable, Battery

Specification of Accessory				
Battery	Brand Name	realwear	Model Name	B21G
	Power Rating	3.87Vdc, 2600mAh	Type	Li-Ion
USB Cable	Brand Name	KaLi	Model Name	KLC-3877
	Signal Line Type	1.5 meter, shielded cable, without ferrite core		

We, RealWear, Inc., declare under our sole responsibility that the product described above is in conformity with the relevant Union harmonization legislations:

RE Directive (2014/53/EU)

The following harmonized standards and/or other relevant standards have been applied:

1. Health and Safety (Article 3.1(a) of the RE Directive)

- EN 50360:2017
- EN 50566:2017
- EN IEC 62311:2020
- EN 62209-1:2016
- EN 62209-2:2010
- EN 50665:2017
- EN 62368-1:2014+A11:2017
- EN 50332-2:2013

2. Electromagnetic compatibility (Article 3.1 (b) of the RE Directive)

- ETSI EN301489-1 V2.2.3
- Draft ETSI EN 301 489-3 V2.1.2
- ETSI EN301489-17 V3.2.4
- Draft ETSI EN 301 489-19 V2.2.0

3. Radio frequency spectrum usage (Article 3.2 of the RE Directive)

- ETSI EN 300 328 V2.2.2
- ETSI EN 301 893 V2.1.1
- ETSI EN 300 440 V2.2.1
- ETSI EN 303 413 V1.2.1

The notified body (Name: **Spotion**, ID: **2907**) performed the conformity assessment according to Annex III of the RE Directive and issued the EU-type examination certificate (Ref. No.:).

Signed for and on behalf of: RealWear, Inc.

Place: 600 Hatheway Road, Vancouver, WA, 98661, Date: October 12, 2021

Name: Helen Li, Function: Sr. Type Approval Manager, Signature: *Helen Li*

Our local representative in EU is:

Company name: RealWear B.V

Address of office: Siriusdreef 17 2132WT, HOOFDORP NEDERLAND

Phone number: +49 176 62654358

Email: christian.effert@realwear.com

Contact person: Christian Effert

UK Regulatory Conformance

Hereby, [RealWear, Inc.] declares that the radio equipment type [T21G] is in compliance with RER 2017 (SI 2017/1206).

The full text of the UK declaration of conformity is available at the following internet address: <http://realwear.com>

Ownership Information Continued

Navigator Specific Absorption Rate (SAR) Information

Radiation Exposure Statement — The United States and Canada

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. No minimum separation distance needs to be maintained between the user's body and the device, including the antenna, during body-worn operation to comply with the RF exposure requirements in the United States and Canada. The limit recommended by FCC and IC is 1.6 W/kg averaged over one (1) gram of tissue for Head, 4.0 W/kg for Product Specific 10g SAR.

The highest SAR value of the Navigator for use:

- Head SAR: 0.55 W/kg (1g)
- Body SAR: 0.55 W/kg (10g)

Radiation Exposure Statement — Europe

No minimum separation distance needs to be maintained between the user's body and the device, including the antenna during body-worn operation to comply with the RF Exposure requirements in Europe.

The limit recommended by RED is 2 W/kg average over ten (10) gram of tissue for Head SAR.

The limit recommended by RED is 4 W/kg average over ten (10) gram of tissue for Limbs SAR.

The highest SAR value of the Navigator for use:

- Head SAR: 0.223 W/kg (10g)
- Limbs SAR: 0.487 W/kg (10g)

Radiation Exposure Statement — Canada

The product complies with the Canada portable RF exposure limit set forth for an uncontrolled environment and is safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Déclaration d'exposition aux radiations

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé. Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

Ownership Information Continued

Navigator Limited Warranty and Software License

Please visit <http://realwear.com/terms-of-sale/> for full Limited Warranty and Software license information.

