



Hardware Guide

For early customers

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FCC Note

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 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.

The FCC requires the user to be notified that any changes or modifications made to this device are not expressly approved by Purple Communications, Inc. may void the user's authority to operate the equipment.

Hardware Summary for Early Sites

ACheck Unit Components

- Printer
- Touchscreen
- RFID antennas
- Label spool

ACheck Unit Ports

- USB expansion connector on right side behind screen
- External USB near power switch
- DC power input
- Ethernet port

Mobile RFID Reader

- Ajantech SA-100

Supporting Elements

- Mounting bracket for ACheck unit
- Mounting solution for RFID reader
- Surgical Approved Surge Protector
- Ethernet Cord

- Power cord + power supply

IT Configuration

- Plug-and-play for internet access
 - Not necessary to have ahead of time
 - 1 Static or Dynamic IP address
 - User trying to access needs to be in correct hospital
 - Hardware needs to have serial number associated with hospital in our database

General Information and Setup

The following sections provide general information about the system's components and instructions for setup. For additional help, please email help@anesthesiacheck.com.

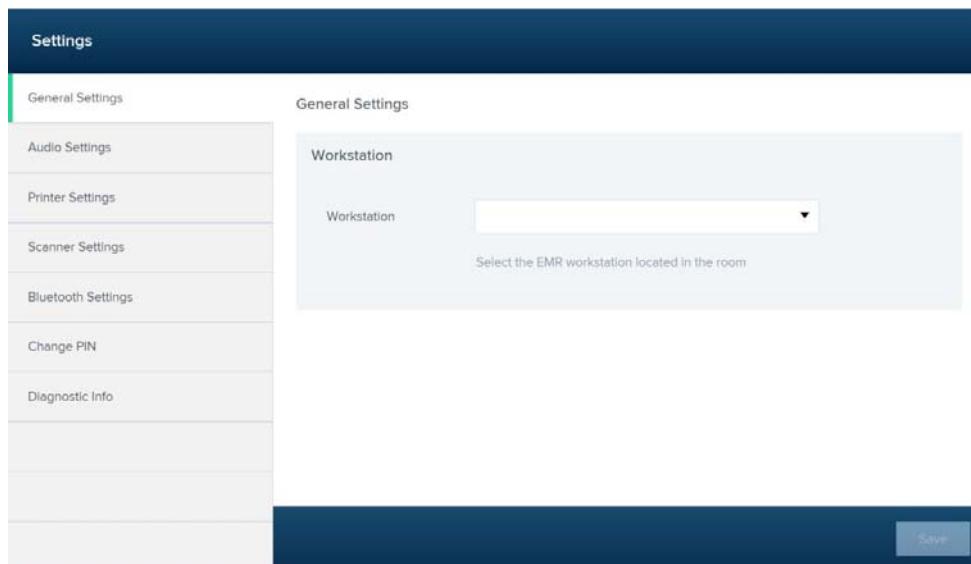
ACheck Unit

Calibration

- On startup, the ACheck unit's screen will ask you to go through a touch calibration exercise.
- Touch the blinking point straight on (don't drag your fingers).
- If calibration is not properly completed, screen may become unusable. Please contact support in this case.

General Settings

- Drop down for selecting anesthesia workstation
 - Make sure this is correct
 - Can be changed anytime
 - Will be prompted to select this if you go to My Patients without setting this value



Printer Settings/Calibration of labels

- Right to Left Alignment ensures the printing is not blurred and that you don't see two vertical lines where one is expected.
- Y feed Adjustment allows you to adjust the gap between the passes of the printer's head. Ensure no overlap or gaps are seen on the calibration label.
- Left Adjustment moves the entire label left or right
- Top Adjustment moves the entire label top or bottom.
- Ensure that when you click Print Calibration Label, the resulting printout displays a clear grid that is centered on the label. You need to have a uniform border on all four sides.

Settings

General Settings

Audio Settings

Printer Settings

Scanner Settings

Bluetooth Settings

Change PIN

Diagnostic Info

Printer Settings

Ink Level

Right to Left Alignment

min max

Y Feed Adjustment

min max

Left Adjustment

left right

Top Adjustment

up down

Audio settings

- User of device can mute any volume setting
- User of device can adjust bezel scanner volume and handheld scanner beep volume
- These settings are not user-specific but will stay the same across users on that device as set by last user

Settings

General Settings

Audio Settings

Printer Settings

Scanner Settings

Bluetooth Settings

Change PIN

Diagnostic Info

Audio Settings

General Volume

Bezel Scanner Beep Volume 100

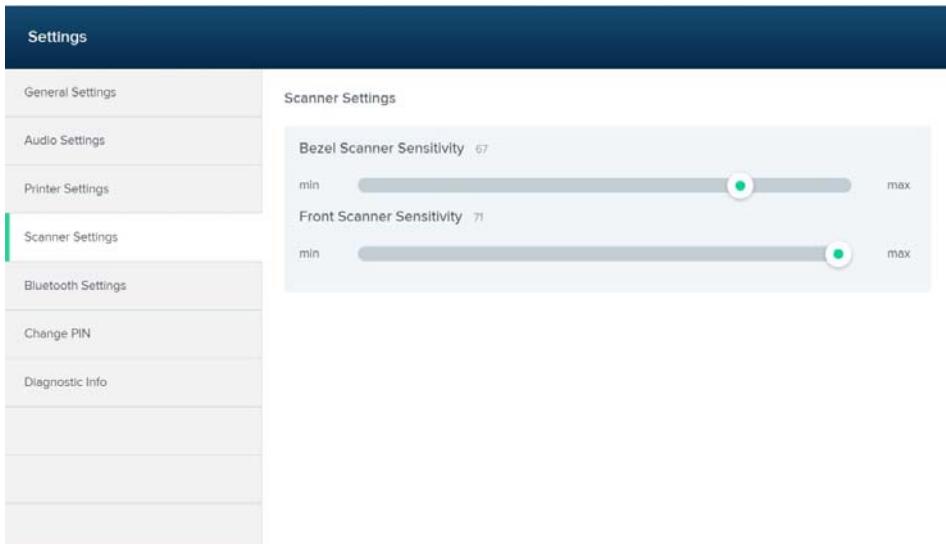
min max

Handheld Scanner Beep Volume 100

min max

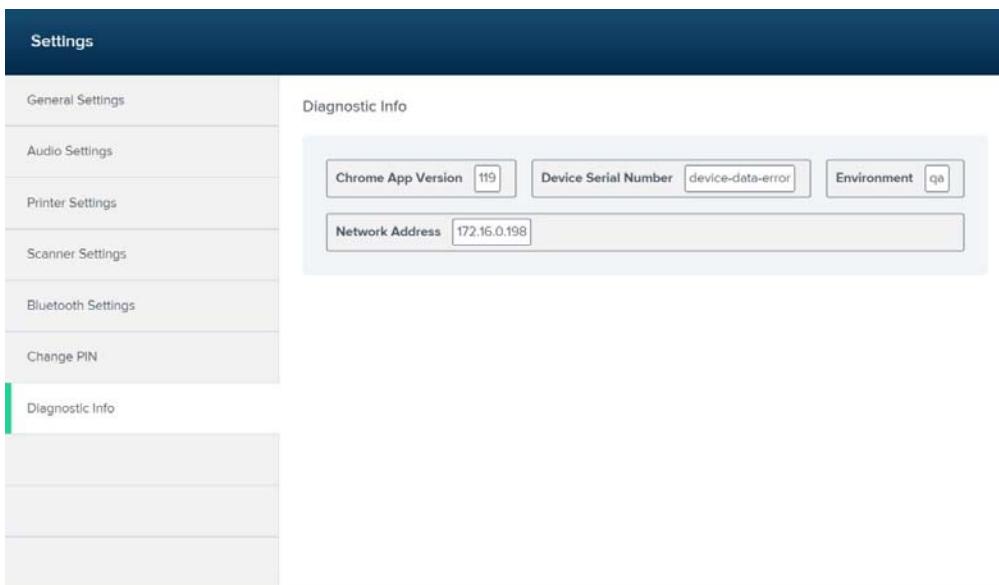
Scanner settings

- Suggested sensitivity levels:
 - Bezel scanner: 67
 - Front scanner: 71



Diagnostic info

- Chrome app version
- device serial #
- environment
- kernel version
- network address
- printer firmware
- reader firmware
- system version



Status Lights

- There is one LED light on the back of the unit near the Ethernet port to indicate LAN activity.
- There is one LED light on the front of the unit to indicate unit status (no current programming).

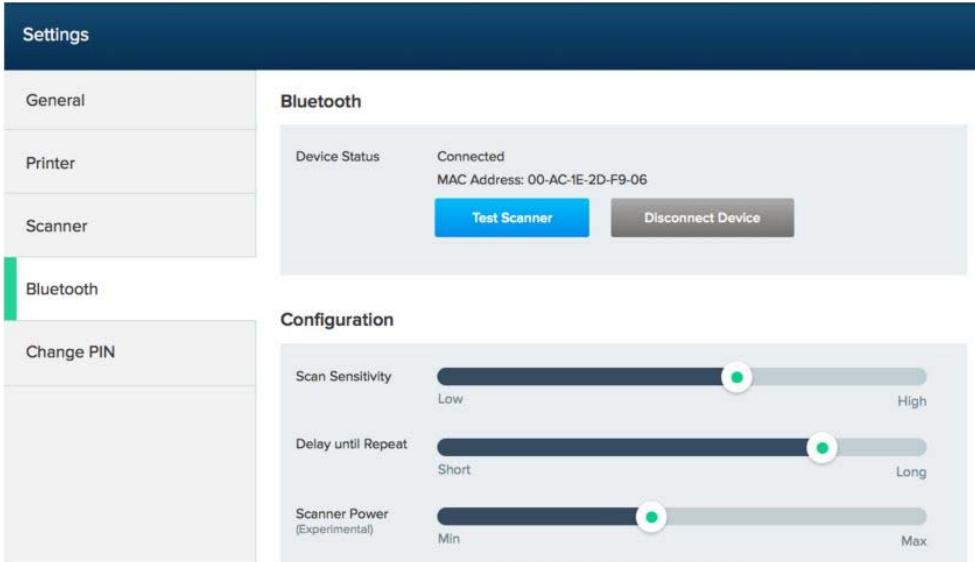
Cart

- If unit height on cart mount needs to be adjusted:

Mobile Reader

Bluetooth settings

- Connect to new scanner, move device around and point towards machine to pair
- Scan test to find tags see if protocol is working



Attempting to pair first time

- Discover device
- Long press for discovery mode
- Leave near device + start new discovery couple of times

Attempting to pair after successful pair

- Turn it on
- Long press for discovery mode
- Pairs! (sub-15)

Attempting to pair already paired device to new unit

- Scan for new device on old unit to disconnect pair (don't press power off button)
- Scan for new device on new unit and find new device
- Solid blue when paired
- If there are two mobile readers in close proximity – whichever one is found first will pair and have solid blue
- Turn mobile reader off/ turn on if there are pairing issues
- Mobile reader blinks blue/red when ready to read

Basic Maintenance

Out of Labels

- Face the back of the ACheck unit and lift the opaque label cover towards you
- Lift circular spindle from between spindle cradle
- Place spindle inside label core
- Make sure labels are wound tightly
- Unroll about 6-7 labels to feed into rear printer access slot
- Replace spindle with labels in cradle
- Feed labels into rear printer access slot

Out of Ink

- Face the front of the ACheck unit and press the depression on the top left corner of the front access door to open it
- Insert ink cartridge in space to the right of the print engine until it clicks and sits
- For removing ink cartridge: place thumb on top of the cartridge and support the bottom with index finger and pull towards yourself and down with your thumb. Gently take the cartridge out without disturbing the front antenna connector.

Troubleshooting Issues

Label Jam

- If no label comes out, stop
- Attempt to remove label by rolling label roll back
- Cut off labels that might have been jammed/were inside the unit
- Remove any label pieces inside unit

Label not feeding during first feed

- Try about three more times, then call customer support
- Sensor might be problem

Cartridge not moving

- Call customer support

Error printing w/ try again option

- Try again 2-3 times
- Go to settings>printer settings> print calibration label
- Attempt to prep and print again
- If it fails again, call support

Non-responsive screen but scanning

- Power cycle
- Call support

Bezel not scanning

- Power cycle
- Call support

Bluetooth pairing

- If it's solid blue on My Patients page – go to My Inventory and come back to My Patients. If that doesn't work call support