SPACELABS HEALTHCARE

XPREZZON® (91393), qube® (91390), and qube® mini (91389)

Software Version 3.07.00

Command Module™ (91496)

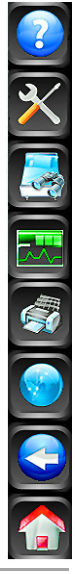
Software Version 2.07.00

Quick Start Guide

073-0499-00 Rev. D

Main Taskbar

You can access monitor functions from the main taskbar located on the right side of the monitor.

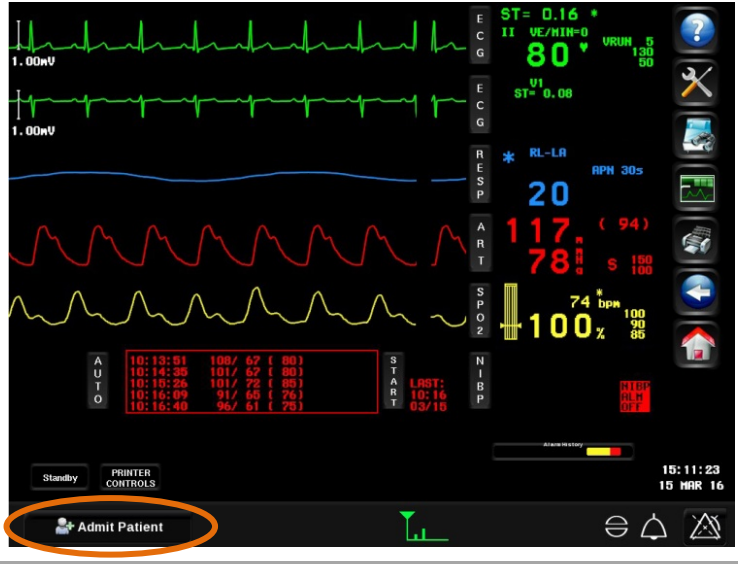


1. **Help** – Touch the **Help** icon and then touch the key for which you need help. Touch the **Help** icon twice to show monitor system information.
2. **Monitor Setup** – Touch to access monitor settings such as alarm tone **Volume** and **Audio**, **Activate Screensaver**, **Privileged Access**, large numerics **Display Format**, and **Print Vital Signs** setup.
3. **Remote** – Touch to access remote patient information (**Remote View**, **Alarm Watch**, **Remote Trends**, **Remote Calcs**).
4. **Trends** – Touch to access patient information collected for a patient over a 96-hour period.
5. **Print** – Touch the **Print** icon and then touch the parameter you want to record. Touch the **Print** icon twice for quick access to the **Print Vital Signs** key.
6. **DNA** – Touch to initiate Dynamic Network Access™ (DNA) for access to remote applications (optional software feature; not available for the qube mini).
7. **Previous Menu** – Touch to return to the previous menu or window.
8. **Home** – Touch to return to the Home screen (clear screen of all windows and menus).

Patient Admission

To admit a patient

1. Touch the **Admit Patient** key on lower left corner of the screen.
   The Admit, Discharge, and Edit window shows.
2. Touch **Admit**.
   The **Clear patient data?** message window shows.
3. Touch **Yes** to clear or **No** to keep current patient data.
   The **Identification** and **Patient Data** tabs window shows.
4. Enter the patient information.
5. Touch **Save**.



ECG

To initiate ECG monitoring

1. Prepare the patient:
   - Wash the area with soap and water.
   - If necessary, shave the area where you plan to position the electrodes.
   - Clean the skin with alcohol.
   - Dry the skin thoroughly.
   - Abrade the skin.
2. Attach the ECG electrodes to the lead wires.
3. Apply the ECG electrodes to the skin.
4. Connect the ECG cable to the ECG input on the Command Module.

To adjust heart rate alarms

1. Touch **ECG**.
2. Touch **ALARM LIMITS**.
3. Touch **EXTREME HIGH =**, **HIGH =**, **EXTREME LOW =**, or **LOW =**.
4. Touch the up and down arrows to adjust the selected alarm limit.

To enable or adjust rhythm alarms (arrhythmia detection must be enabled)

1. Touch **ECG**.
2. Touch **ALARM LIMITS**.
3. Touch **RHYTHM ALARMS**.
4. Touch the **ON/OFF** key for the rhythm alarm you want to enable.
   -or-
   Touch the rhythm alarm limit you want to adjust.
5. If you selected a rhythm alarm limit, touch the up and down arrow keys to adjust.

To adjust waveform display size and check the ECG amplitude

A gain indicator on the waveform allows you to estimate the ECG signal strength.

1. Touch **ECG**.
2. Touch **SIZE**.
3. Do any of the following:
   - Touch the **SIZE** up and down arrow keys to increase and decrease the waveform display size.
   - Touch the **1mV/cm** key to standardize the waveform display size.
   - Touch the **1 mV CAL** key to insert a one-millivolt amplitude calibration pulse into all ECG waveforms.

To change ECG lead selection

1. Touch **ECG**.
2. Touch **LEAD CONTROL**.
3. Touch **1st LEAD** or **2nd LEAD**.
4. Select the lead.

To show multiple ECG leads (available with four or more leads)

1. Touch **ECG**.
2. Touch **SETUP**.
3. Touch **DISPLAY FORMAT**.
4. Select **FULL VIEW** / **ON**, **SPLIT VIEW** / **ON**, or **2 LEAD** / **ON**.

To enable pacer detection (for patients with pacemakers)

1. Touch **ECG**.
2. Touch **SETUP**.
3. Select **PACED** / **YES**.

To suspend ECG (and RESP) processing

1. Touch **ECG**.
2. Touch **SUSPEND PROCESSING**.
3. Touch **YES**.

NOTE: If an alternate heart rate source is available, the new heart rate is shown.

To change the patient type

1. Touch **ECG**.
2. Touch **ADULT** or the current patient type shown.
3. Select the patient type: **NEONATE**, **PEDIATRIC 1**, **PEDIATRIC 2**, **PEDIATRIC 3**, **PEDIATRIC 4**, or **ADULT**.
4. Touch **APPLY**.

NOTE: Each patient type has independent alarm and parameter default settings. Access to specific patient types is allowed by your system administrator.

Respiration (RESP)

To initiate RESP monitoring

1. Touch **ECG**.
2. Touch **SETUP**.
3. Touch **DISPLAY FORMAT**.
4. Select **RESP** / **ON**.
   The **RESP** key and parameter shows.

To enable and adjust respiration rate alarms

1. Touch **RESP**.
2. Touch **ALARM LIMITS**.
3. Select **HIGH/LOW** / **ON**.
4. Touch **HIGH=** or **LOW=**.
5. Touch the up and down arrow keys to adjust.

To change respiration leads

1. Touch **RESP**.
2. Touch **LEAD SELECT**.
3. Select the lead configuration.

To change respiration rate averaging

1. Touch **RESP**.
2. Touch **SETUP**.
3. Select **RATE AVERAGING** / **4 BREATHS** or **10 BREATHS**.

To enable or disable the HR artifact detector

1. Touch **RESP**.
2. Select **HR ARTIFACT** / **ON** or **OFF**.
   When set to **ON**, the **HR ARTIFACT** detection filter checks for coincidence between the respiratory rate and the heart rate. The message **CHECK HR RR** shows in the waveform zone when coincidence is detected.

SpO_2

To initiate SpO_2 monitoring

1. Connect the SpO_2 adapter cable to the Command Module.
2. Attach the SpO_2 sensor to the appropriate site on the patient.
3. Connect the SpO_2 sensor cable to the SpO_2 adapter cable.

To enable and adjust SpO_2 alarm limits

1. Touch **SPO2**.
2. Touch **ALARM LIMITS**.
3. Select **ALARMS** / **ON**.
4. Touch **HIGH=**, **LOW=**, **DESAT=**, **ALM DELAY**, or **MSG ALARM DELAY**.
   The **DESAT=**, **ALM DELAY**, and **MSG ALARM DELAY** settings are not available for Nellcor Oximax SpO_2 technology.
5. Touch the up and down arrow keys to adjust.

To enable and adjust the SpO_2 pulse tone

1. Touch **SPO2**.
2. Touch **SETUP**.
3. Touch **TONE**.
4. Select **TONE** / **ON**.
5. Touch **VOLUME ↑** and **VOLUME ↓** to adjust the pulse tone volume.

To suspend SpO_2 monitoring during NIBP measurement

Use this procedure only if the SpO_2 sensor is attached to same extremity as the NIBP cuff.

1. Touch **SPO2**.
2. Select **SUSPEND ON NIBP** / **YES**.

To enable intra-aortic balloon pump (IABP) feature (Spacelabs Healthcare SpO_2 technology only)

Select this setting if the patient is on an IABP or has rapid rhythm with irregular perfusion (for example, atrial fibrillation or ventricular entropy).

1. Touch **SPO2**.
2. Select **IABP** / **YES**.

To change sensitivity (Masimo SET SpO_2 technology only)

1. Touch **SPO2**.
2. Touch **SETUP**.
3. Touch **SENSITIVITY**.
4. Touch **NORMAL**, **MAXIMUM**, or **APOD**.
   - **MAXIMUM** sensitivity optimizes SpO_2 readings for patients with low perfusion.
   - **APOD** reduces erroneous alarms from movement—useful in pediatric and neonatal environments.

To enable and adjust SatSeconds (Nellcor OxiMax SpO_2 technology only)

If the Nellcor SatSeconds feature is enabled, then the alarm limit threshold must be continuously violated for a specified number of SatSeconds before an alarm occurs. To determine SatSeconds, the number of percent points that violate the **HIGH=** or **LOW=** alarm limit are multiplied by the number of seconds for which the SpO_2 value has violated the alarm limit. For example, if you select 25 SatSeconds, and the SpO_2 value drops five percent points below the **LOW=** alarm limit for five seconds, the alarm will sound.

1. Touch **SPO2**.
2. Touch **ALARM LIMITS**.
3. Select **ALARMS** / **ON**.
4. Touch **SatSecs**.
5. Touch the up and down arrow keys to adjust.

To change the response time (Nellcor OxiMax SpO_2 technology only)

The **RESPONSE MODE** setting controls Nellcor data averaging. The data averaging feature smooths the oximetry saturation value by averaging patient input values over several seconds.

1. Touch **SPO2**.
2. Touch **SETUP**.
3. Touch **RESPONSE MODE**.
4. Touch **NORMAL** or **FAST**.
   - When **RESPONSE MODE** is set to **NORMAL**, the data averaging interval is six to seven seconds.
   - When the **RESPONSE MODE** is set to **FAST**, the data averaging interval is two to four seconds.

NIBP

NIBP alarm limits are set based on the selection of patient type in the **ECG MENU**.

- **NEONATAL** and **PEDIATRIC 1** settings inflate the NIBP cuff from the bottom port.
- **PEDIATRIC 2**, **3**, **4**, and **ADULT** settings inflate the NIBP cuff from the top port.

To start a single NIBP measurement

1. Touch **START**.

To start automatic NIBP measurements

1. Touch the **AUTO** key in the NIBP parameter zone.

-or-

Touch **NIBP**, and then select **AUTO** / **ON**.

To end automatic NIBP measurements

1. Touch **NIBP**.
2. Select **AUTO** / **OFF**.

To stop an NIBP measurement (or venous stasis) in process

1. Touch **STOP**.
   -or-
   Press the red **stop** button on the Command Module.

To change automatic measurement intervals

1. Touch **NIBP**.
2. Touch **TIME INTERVAL**.
3. Touch the up and down arrow keys to adjust.

To change time synchronization of automatic NIBP measurements

1. Touch **NIBP**.
2. Touch **TIME INTERVAL**.
3. Touch **CHARTING**/**RELATIVE**.
   - **CHARTING** mode synchronizes automatic NIBP readings to start at even time intervals (for example, 9:00, 9:15, 9:30…for 15 minute intervals).
   - **RELATIVE** mode synchronizes automatic NIBP readings to start from the last measurement.

To enable and adjust alarms

1. Touch **NIBP**.
2. Touch **ALARM LIMITS**.
3. Touch **SYS**, **DIA**, or **MEAN**.
4. Select **ALARMS** / **ON**.
5. Touch **HIGH=** or **LOW=**.
6. Touch the up and down arrow keys to adjust.

To start venous stasis (when using the cuff as a tourniquet for venous cannulation)

1. Touch **NIBP**.
2. Touch **VENOUS STASIS**.

To review NIBP measurements

1. Touch **NIBP**.
2. Touch **REVIEW**.
3. Touch the left and right arrow keys to scroll through the list.

To print the NIBP measurements currently displayed

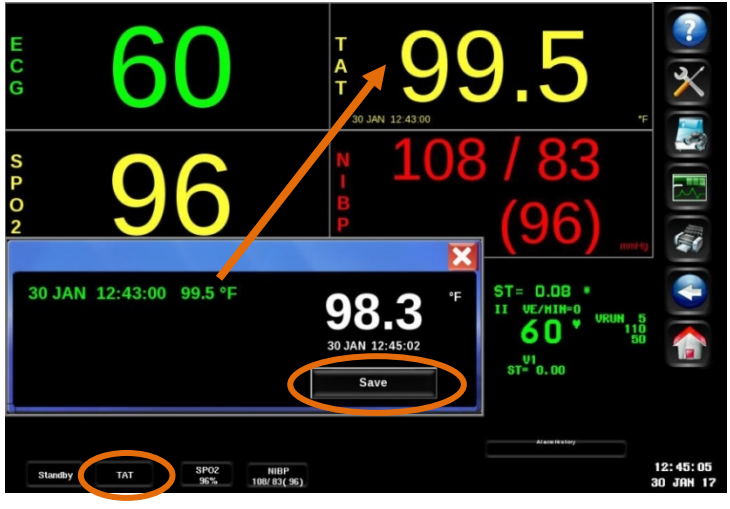
1. Touch **NIBP**.
2. Touch **REVIEW**.
3. Touch **PRINT**.

Episodic Temperature – Exergen Temporal Artery Thermometer (TAT)

Use the Exergen Temporal Artery Thermometer (TAT), model TAT-5000S-USB, to display and collect episodic temperature data with the monitors.

To monitor episodic temperature with the TAT

1. Connect the TAT to a USB port on the monitor.
2. Touch the **TAT** button or take a temperature reading to show the TAT pop-up window.
3. Touch the **Save** button to save the new temperature reading.
   The saved temperature reading and time it was taken appear at the top of the saved readings listed in the TAT pop-up and, if available, in the large numerics display.



Invasive Pressure (IP)

A pressure key and waveform shows when you connect a pressure cable and transducer to the module.

To select a pressure label

1. Touch the pressure parameter key.
2. Touch **SELECT LABEL**.
3. Select the pressure label.

To zero the pressure transducer

1. Position the stopcock close to the patient (at the phlebostatic axis).
2. Touch the pressure parameter key.
3. Open the stopcock to air and close the stopcock to the patient.
4. Touch **ZERO**.
5. When a **ZERO COMPLETED** message shows, close the stopcock to air and open the stopcock to the patient.
6. Begin monitoring after the pressure values appear.

You can superimpose a vertical reference scale over pressure waveforms. Up to four pressures can be scaled at one time. Two types of pressure scales are available: Expanded Scales and Basic Scales.

To show an Expanded Scale

1. Touch the pressure parameter key.
2. Touch **EXPANDED SCALES**.
3. Select **SCALES** / **ON** to maintain the pressure in scaled format.

To adjust an Expanded Scale

1. Touch the pressure parameter key.
2. Touch **EXPANDED SCALES**.
3. Touch **SCALE 0-xxx**.
4. Type a new scale.
5. Touch **ENTER**.

To remove the Expanded Scale

1. Touch the **Home** icon in the main taskbar.

To show a Basic Scale

1. Touch the pressure parameter key.
2. Touch **BASIC SCALES** / **ON**.

*NOTE: When **BASIC SCALES** is set **ON**, the **SIZE** key changes to **ADJUST SCALES**.*

To adjust a Basic Scale

1. Touch the pressure parameter key.
2. Touch **ADJUST SCALES**.
3. Select a new scale.

To obtain and store a pulmonary capillary wedge pressure (PCWP)

1. Touch **PA**.
2. Inflate the PA catheter balloon.
3. Touch **EXPANDED SCALES**.
4. Touch **FREEZE** / **ON**.
5. Deflate the PA catheter balloon.
6. Use the arrow keys to position the cursor.
7. Touch **SAVE PCWP**.

*NOTE: For **ART**, **PRS**, **UA**, and **UV**: select **SAVE SYS**, **SAVE DIA**, or **SAVE MEAN**. For **CVP**, **RAP**, **LAP**, or **ICP**: touch **SAVE MEAN**.*

To enable and adjust an IP limit alarm

1. Touch the desired pressure parameter key.
2. Touch **ALARM LIMITS**.
3. Touch **SYS**, **DIA**, or **MEAN**.
4. Touch **EXTREME HIGH =**, [**SYS**, **DIA**, or **MEAN**] **HIGH =**, [**SYS**, **DIA**, or **MEAN**] **LOW =**, or **EXTREME LOW =**.
5. Touch **ALARM** / **ON**.
6. Touch the up and down arrow keys to adjust.

Transducer Disconnect Alarm

A transducer disconnect alarm is available for all invasive pressures. The **TRANSDUCER DISCONNECT** message disappears from display if the transducer remains disconnected for approximately 20 seconds. This alarm is enabled and disabled in the Module Configuration Manager.

Catheter Disconnect Alarm

A catheter disconnect alarm is available for ART, ART2, ART3, PA, UA, and PRS pressures. If you touch the **ZERO** key, the catheter disconnect alarm is disabled for 60 seconds to allow for the zeroing of the pressure without causing a nuisance alarm. Pressing the **ZERO** key also immediately terminates an ongoing catheter disconnect alarm.

To turn the catheter disconnect alarm ON or OFF

1. Touch the pressure parameter key.
2. Touch **ALARM LIMITS**.
3. Select **CATHETER** / **ON** to turn on or **CATHETER** / **OFF** to turn off the catheter disconnect alarm.

Cardiac Output (CO)

To measure cardiac output

1. Connect the cardiac output cable to the Command Module.
2. Attach the thermodilution catheter to the cardiac output cable.
3. Connect an in-line injectate temperature probe or a reference solution injectate probe to the cardiac output cable.
4. Enter the computational constant: touch **CO**, touch **CC=**, touch place value and arrow keys to adjust, and then touch **ENTER**.
5. Enter patient height and weight: touch **CO**, touch **HEIGHT/WEIGHT**, touch **HEIGHT=** or **WEIGHT=**, touch the arrow keys to adjust, and then touch **ENTER**.
6. Select **AUTO** or **MANUAL** mode: touch **CO**, touch **CARDIAC OUTPUT**, and then touch **AUTO** or **MANUAL**.
7. Wait for the **INJECT WHEN READY** (**AUTO** mode) or **TOUCH START THEN INJECT** (**MANUAL** mode) message to show.
8. Touch **START** (**MANUAL** mode) and inject.

To average, clear, or store cardiac output curves

1. Touch **CO**.
2. Touch **CARDIAC OUTPUT**.
3. Touch **AVERAGE ALL**, **CLEAR**, or **STORE**.
4. Touch **YES**.

Calculations Table

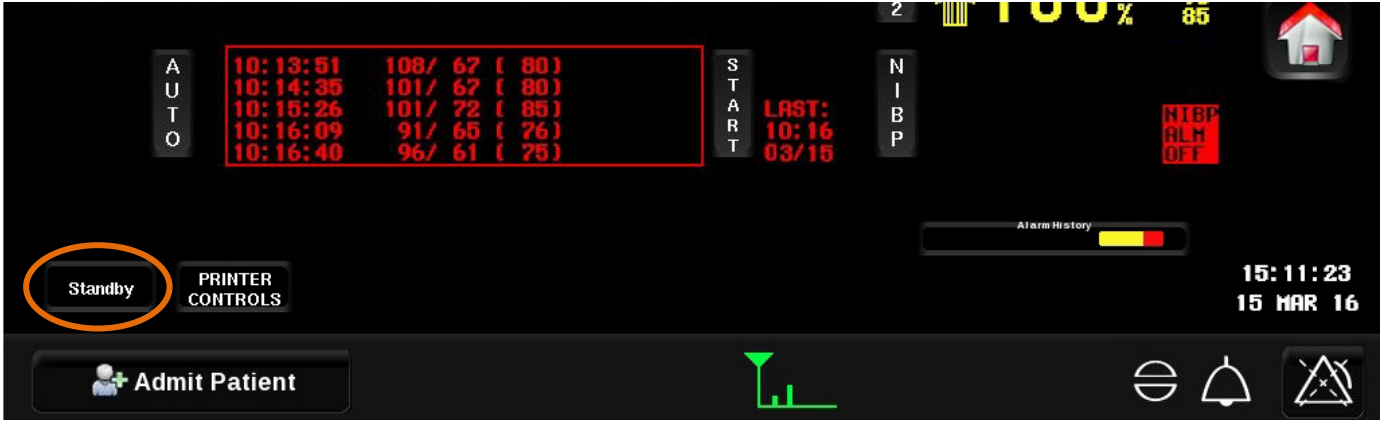
You can view, print, and edit a calculations table of stored and averaged hemodynamic data.

To view, print, or edit the calculations table

1. Touch **CO**.
2. Touch **CALCS** (or touch **CARDIAC OUTPUT** and then **CALCS**).
3. To view additional rows of data, touch the **SCROLL UP** and **SCROLL DOWN** keys.
   To print the calculations table, touch **PRINT**.
   To edit vital sign values: select a row under **DAY/TIME**, touch **VITAL SIGNS**, select a vital sign, touch the up and down arrow keys to adjust the value, and then touch **ENTER**.

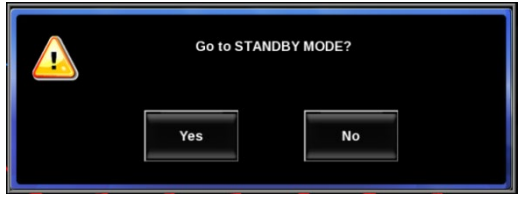
Standby Mode

The Standby mode feature allows you to temporarily stop all patient monitoring and alarms. If the **Allow Discharge on Standby** setting is enabled, you can choose to discharge a patient before going to Standby mode. When the Standby mode feature is enabled, the **Standby** key shows in the low-left corner of the Home screen.



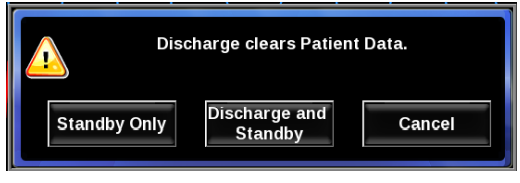
To enter Standby mode (with **Allow Discharge on Standby** disabled)

1. Touch the **Standby** key.
   The **Go to STANDBY MODE?** dialog box shows.
2. Touch **Yes**.
   The **STANDBY MODE** screen shows.



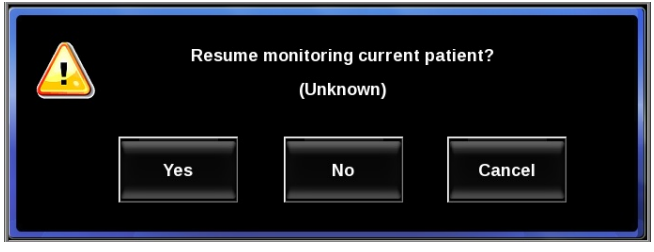
To enter Standby mode (with **Allow Discharge on Standby** enabled)

1. Touch the **Standby** key.
   The **Discharge clears Patient Data** dialog box shows.
2. To retain patient data and enter Standby mode, touch **Standby Only**. To clear patient data and enter Standby mode, touch **Discharge and Standby**.
   The **STANDBY MODE** screen shows.



To exit Standby mode

1. On the **STANDBY MODE** screen, touch the blue target or the message **MONITORING SUSPENDED** / **TOUCH TO EXIT STANDBY**.
   The **Resume monitoring current patient?** dialog box shows.



2. Touch **Yes** to exit Standby mode and resume monitoring the current patient.
   Touch **No** to exit Standby mode and discharge the current patient.

Alarm Management

Alarm Settings

Default alarm limit settings determined by your system administrator activate when the monitor is powered on, a module is inserted, or a parameter is enabled. You can modify the default alarm limit settings to meet your own protocols. Heart rate alarm settings can be *fixed* (same for all patients) or *learned* (based on the heart rate of the individual patient).

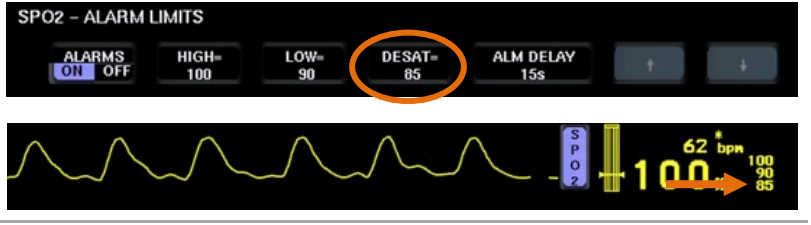
Tiered Alarms

Tiered Alarms provide two definable alarm thresholds for certain alarm conditions.

- Tier A: alarm conditions that may be a precursor to an emerging or serious alarm condition
  - ECG high and low rate alarms
  - Invasive pressure high and low systolic, diastolic, and mean alarms
- Tier B: alarm conditions requiring urgent intervention to avoid a possible adverse event
  - ECG extreme high and low rate alarms
  - Invasive pressure high and low systolic, diastolic, and mean alarms
  - SpO_2 desat alarm

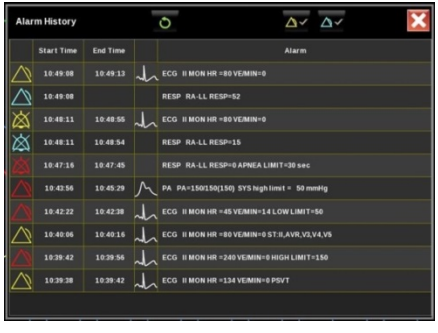
For ECG and invasive pressure alarm limits: The extreme high (or low) limit automatically adjusts when you adjust the high (or low) limit, based on the configured offset determined by your facility. For example, if the extreme high heart rate offset is 20 bpm, and you set the high heart rate limit to 120 bpm, the extreme high heart limit automatically adjusts to 140 bpm.

The SpO_2 desat alarm limit setting does not affect other alarm limit settings, and is only available with Spacelabs Healthcare and Masimo technology.



Alarm History

The Alarm History bar is located on the lower right of the Home screen. It represents alarms (if any) that occurred over the last 60 minutes. The Alarm History bar shows one vertical bar for each minute of the last 60 minutes, with the most recent on the right. The color shown is for the highest priority alarm that happened during that minute: red (high priority alarm), yellow (medium priority alarm), or cyan (low priority alarm).



To review the alarm history

1. Touch the **Alarm History** bar.
   The **Alarm History** window displays a list of the alarms for the last 60 minutes, with alarm priority indicator, start time, end time, waveform indicator (for ECG and invasive pressure alarms only), and recorder annotation. The most recent alarm is at the top. When the window is full, vertical scroll buttons show on the right side of the list.
   To close the Alarm History window, touch the red X.

To view a 30-second waveform of an Alarm History event (ECG and invasive pressure alarms only)

1. Touch an alarm event row in the **Alarm History** window.
   The Alarm History Waveform window opens to show a compressed 30-second waveform with three-second markers. The waveform begins approximately 15 seconds before the alarm event.

   - Touch the **6 seconds** button to show an uncompressed six-second view of the waveform with one-second markers.
   - Touch the **30 seconds** buttons to return to the compressed waveform.
   - Touch the up and down arrows to view later and previous Alarm History event waveforms.

NOTE: You can print the Alarm History waveform through the Clinical Access workstation.

Alarm Acknowledge

If enabled, you can use the alarm acknowledge feature to pause the audio and some of the visual indicators.

To acknowledge an alarm

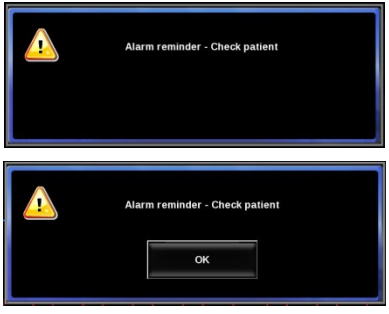
1. Touch the **Alarm Acknowledge** icon in the lower right corner of the screen.
   - The parameter key stops flashing but continues to show the color of the alarm priority.
   - The alarm limits flash.
   - The alarm message in the waveform zone continues to flash in the color of the alarm priority.
   - The **Audio Off** icon shows in the parameter zone next to the alarm message.
   - Alarm recording stops.

Alarm acknowledge continues until any of the following occurs:

- The original alarm condition resolves.
- A different alarm condition for the same parameter occurs.
- An extreme alarm violation of the same alarm occurs.

NOTE: Alarm acknowledge does not affect alarm indicators at the Xhibit Central Station.

Alarm Acknowledge Reminder



Your facility may configure the monitor to remind you that alarm acknowledge is active. If enabled, an alarm acknowledge reminder message and audible tone occurs every five minutes for high priority alarms and every 15 minutes for medium and low priority alarms. There are two types of alarm acknowledge reminders. If the **OK** button shows, you can dismiss the reminder by touching this button.

Audio Pause

If the alarm acknowledge feature has been disabled for an alarm priority (for example, high), the **Audio Pause** icon shows in the lower right corner of the screen.

To pause alarm tones for 45 seconds

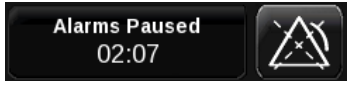
1. Touch the **Audio** icon.
   A dotted white X shows across the icon and the message **Paused** shows with a countdown timer.

Alarms Pause

Use the alarms pause feature to pause all alarms for a period of time specified by your system administrator.

To pause all alarms

1. Touch the **Alarms Pause** icon in the lower right corner of the screen.
   The message **Alarms Paused** shows with a countdown timer next to the icon.



WARNING: All visual and audible alarms will be suspended until the countdown timer expires or the Alarms Pause icon is touched to reactivate alarms.

Alarm Tone (Audio) Management

You can enable, disable, or adjust the tone volume for the following alarms:

- High (red), medium (yellow), and low (cyan) priority
- Remote View
- Alarm Watch

WARNING: The ability to turn alarm audio off is disabled by default. If your facility allows you to turn alarm audio off, turning high priority alarm audio off also turns the medium and low priority alarm audio off. If alarm audio is off, an X shows over the Audio icon.

To enable and adjust the volume of alarm tones

1. Touch the **Monitor Setup** icon in the main taskbar.
2. Touch the **Audio** tab.
3. Select an alarm tone: **High Alarm**, **Medium Alarm**, **Low Alarm**, **Remote Alarm**, **Alarm Watch**, or **Key**.
4. Under **Audio**, touch **On**.
5. Use the slide control to adjust the volume between **Low** and **High**.
   The audio level shows under **Volume**.

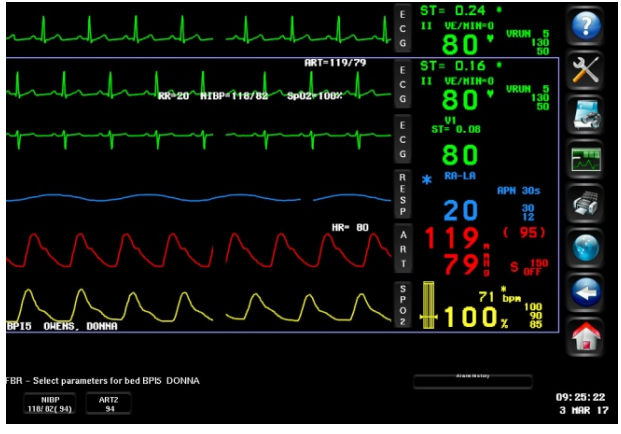
NOTE: Your system administrator can disable adjustment and set a minimum volume level for alarm tones.

Remote Access

Remote Access lets you remotely view other networked monitors. A blue border shows around remote data.

Remote View

Remote View lets you remotely view parameters from other networked monitors.



To enable and set up Remote Review

1. Touch the **Remote** icon in the main taskbar.
2. Select **Remote View** in the Remote Access window.
3. Touch **On** (if not already selected).
4. Under **Select Subnet**, select the subnetwork.
5. Under **Select Bed**, select the monitor.
6. Under **Select Parameters**, select one or more parameters or touch the **Full Bed Review** button to select all parameters.
7. Touch the red X in the top right corner to close the Remote Access window.

Alarm Watch

Alarm Watch lets you remotely view alarms from other networked monitors.

Warning: You cannot use Alarm Watch for Xhibit telemetry patients.

To enable and set up Alarm Watch

1. Touch the **Remote** icon in the main taskbar.
2. Select **Alarm Watch** in the Remote Access window.
3. Touch **On** (if not already selected).
4. Under **Select Subnet**, select the subnetwork.
5. Under **Select Bed**, select the monitor.
6. Touch the red X in the top right corner to close the Remote Access window.

*NOTE: Remote View and Alarm Watch cannot be enabled at the same time. Touch **On** or **Off** in the Remote Access window to enable or disable either option.*

Printing – Waveform Recordings

You can print waveforms for a preset duration of 12 or 20 seconds, or start and stop a continuous recording.

To print waveforms

1. Touch the **Print** icon in the main taskbar.
2. Touch up to four flashing parameter keys.
   -or-
   For a continuous recording: touch the **Continuous Record** key in the lower left corner of the screen, and then touch up to four flashing parameter keys.

To stop a continuous recording

1. Touch the **Print** icon in the main taskbar.
2. Touch the **Stop Continuous Record** key in the lower left corner of the screen.

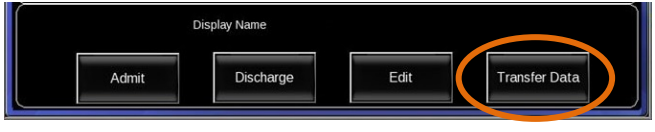
*NOTE: If a built-in or external USB printer is connected to the monitor, a **PRINTER CONTROLS** key shows in the lower left corner of the screen. Touch this key to show additional printing functions: **STOP RECORDING**, **CONTINUOUS**, **PAPER ADVANCE**, **COMPRESSED** – **ON**/**OFF**, and **PRINTER** – **ON**/**OFF**.*

Data Shuttle

Data Shuttle lets you transfer patient demographic data (such as age, sex, name, and BSA) and vital signs data from one monitor to another. You first transfer the data from the source monitor to the Command Module, and then transfer the data from the Command Module to the destination monitor.

To transfer patient data from one monitor to another

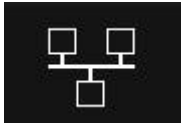
1. Touch the **ECG** parameter key, touch the **SETUP** menu key, and then touch **TRANSFER DATA**.
   -or-
   Touch the **Admit Patient** key, and then touch **Transfer Data** in the Admit, Discharge, and Edit window.
   The message **TRANSFERRING PATIENT DATA IN MODULE** shows. When the data transfer to the module is complete, the **DATA TRANSFER COMPLETED** message shows.
2. Remove the Command Module from the source monitor and insert it into the destination monitor.
3. Touch **RETRIEVE DATA**.
4. Touch **Yes**.



Network Indicators

Icons at the bottom of the display indicate the network connectivity of the monitor. Wireless connectivity is not available for the XPREZZON monitor.

The icon shown on the right indicates wired network connectivity. If no network connection is detected, a red X shows over the icon. When wired connectivity is lost (and wireless is not available or enabled), the message **NETWORK SIGNAL LOST** shows every 60 seconds until connectivity restores or you touch **OK** to dismiss the message.



The icon shown on the right indicates wireless network connectivity. Five green vertical bars indicate the strongest signal, and one bar indicates the lowest. The color of the icon changes to yellow when the signal is low strength or lost.

The icon shown on the right indicates that wireless is enabled and there is a wired (Ethernet) network connection. When you disconnect the monitor from the wired network, the wireless signal strength indicator replaces this icon.

NOTE: This document is intended as a quick start guide for the XPREZZON, qube, qube mini, and Command Module. For more information on the monitors, refer to the XPREZZON, qube, and qube mini Operations Manual. For more information on the Command Module, refer to the Clinical Parameters Operations Manual.

Contact Information

Technical Support: 1-800-522-7025 Available 24 hours a day and 7 days a week.

Field Service Engineer: _____

Clinical Education Consultant: _____

Sales Representative: _____