Panorama®
Alarm Setup
Objectives

- How to use alarm limits and parameter settings
- Understand the relationship between alarm settings and alarm responses
Arrhythmia Sidebar Button (Optional)

When the assigned device for the selected tile is an **Ambulatory Telepack** the arrhythmia algorithm is enabled at the Panorama Central Station.

When the assigned device for the selected tile is a **bedside monitor**, enabling/disabling arrhythmia analysis must be done using the “Patient Setup” menu in the bedside monitor. Refer to the bedside monitor operator’s manual for details.
To adjust Arrhythmia settings

• Select **PATIENT SETUP** menu button

• Select **DEMOGRAPHICS** tab

• Select the patient’s tile

• Select **ARRHYTHMIA** sidebar button
  
  • Arrhythmia checkbox: Select the Arrhythmia checkbox to enable/disable the arrhythmia analysis when the assigned device for the selected tile is an Ambulatory Telepack. A checked Arrhythmia checkbox means that arrhythmia analysis is enabled. This checkbox will not appear when the assigned device for the selected tile is a bedside monitor.

  • **V-Tach Rate:** establishes the heart rate required for V-Tach alarm to be called

  • **V-Tach Threshold:** establishes the number of consecutive PVCs required for V-Tach alarm to be called

  • **Asystole Delay:** establishes the delay period for an Asystole event alarm to be called

  • **ECG Noise Delay:** establishes the delay in the notification of ECG Noise

  • Select **DONE** to enter adjustments made in the Arrhythmia dialog
When Arrhythmia Analysis is Enabled

A ✓ mark appears on the Arrhythmia checkbox

An A is placed in the HR digital parameter tile for the selected patient
Patient Alarms Menu Button
Patient Alarms Setup Tab

A password may be required to access the Patient Alarms tabs

Please consult your system administrator for details
Alarm Limits Tab – To Adjust Alarm Limits

- Select **PATIENT ALARMS** menu button
- Select the patient tile
- Select **ALARM LIMITS** tab
- Select the Parameter to be adjusted using the [← or →] buttons
- Select the “**High**” (upper) or “**Low**” (lower) alarm limit button
- Use the up and down arrows or drag and drop the scroll box in the slider control to change the limit to the desired value
Bidirectional

Changing alarm limits at the Panorama Central Station will automatically change alarm limits on the bedside monitor and changing alarm limits at the bedside monitor will automatically change alarm limits on the Panorama Central Station.

**Note:** Simultaneous Patient Alarm Limits Editing

If using a bedside monitor with the Panorama Central Station, patient alarm limit changes cannot be made at the bedside and at the central station simultaneously.

Refer to the Panorama Central Station Operator’s Manual for further details.
Auto Set Button

Selecting “Auto Set” automatically recalculates the alarm limits for most parameters based on their current values, varying from 3 – 30%.

Please see the Panorama Operator’s Manual for complete details.

Restore Previous Settings Sidebar Button

This sidebar button will return the settings to the ones assigned prior to opening the tab.
Suspend All Alarms Sidebar Button (Optional)

If available, selecting "Suspend all alarms" suspends ALL alarms on the selected patient including lethal arrhythmias.

To Suspend All Alarms

- Select **PATIENT ALARMS** menu button
- Select the patient tile
- Select **ALARM LIMITS** tab
- Select **SUSPEND ALL ALARMS** to suspend all alarms
Suspend All Alarms Sidebar Button (Optional)

The message **All Alarms Suspended** shall be displayed in the selected patient’s tile and the **SUSPEND ALL ALARMS** sidebar button will turn white when the function has been enabled.

*Note:* When in an **All Alarm Suspended** mode, no alarm notification of any kind will occur at the Panorama Central Station for the selected patient tile.

Selecting the **SUSPEND ALL ALARMS** sidebar button a second time will turn the button blue again, will disable the function, remove the All Alarms Suspended message from the patient tile, and resume all configured alarm notifications.
Suspend Non-Lethals Sidebar Button

Selecting “Suspend Non-Lethal Alarms” suspends all alarms on a selected patient except alarms with a priority 1.

To Suspend All Non-Priority 1 Alarms

- Select PATIENT ALARMS menu button
- Select the patient tile
- Select ALARM LIMITS tab
- Select SUSPEND NON-LETHALS to suspend all non-lethal alarms
Suspend Non-Lethals Sidebar Button

The message **Non-Lethal Alarms Suspended** shall be displayed in the selected patient’s tile and the **SUSPEND NON-LETHALS** sidebar button will turn white when the function has been enabled.

*Note:* When in a **Non-Lethal Alarms Suspended** mode, only Lethal alarms will produce alarm notification at the Panorama Central Station for the selected patient tile.

Selecting the **SUSPEND NON-LETHALS** sidebar button a second time will turn the button blue again, will disable the function, remove the Non-Lethal Alarms Suspended message from the patient tile, and resume all configured alarm notifications.
Print Menu Button – To Print a Patient’s Alarm Report

- Select **PATIENT ALARMS** menu button
- Select the patient tile
- Select **ALARM LIMITS** tab
- Select **PRINT** menu button

*Note:* This Report can also be printed from the Report Menu
Alarm Responses Tab

The **Alarm Responses Tab** adjusts the response of the central station when an alarm condition exists.

![Alarm Responses Tab](Image)
To Adjust a Patient’s Alarm Responses

- Select **PATIENT ALARMS** menu button
- Select the patient tile
- Select **ALARM RESPONSES** tab
- Select the parameter to modify by tapping over the field or using the Up/Down arrows

**PRIORITY:** Defines the importance of the alarm. The **lower** the priority the **higher** the severity
  - Priority 1: Red visual alarm notifications – high level audio alarm notifications
  - Priority 2: Yellow visual alarm notifications – mid level audio alarm notifications
  - Priority 3: Yellow visual alarm notifications – tertiary level audio alarm notifications

*Note:* Alarm Priorities apply if alarm limits are set for numeric parameters
To Adjust a Patient’s Alarm Responses

- **PRINT ON ALARM:** Determines if an automatic recording is produced upon identification of alarm condition
  - ON – Automatically produces a print out
  - OFF – Does not produce a print out

- **SAVE TO EVENT:** Determines if the event is saved in the Events Tab at the Panorama Central Station allowing for retrieval at a later time
  - ON – Automatically saves the event
  - OFF – Does not save the event

- **PAGE ON ALARM (Optional):** Determines if the alarm event sends a paging message to the assigned pager(s) once the paging delay criteria has been met
  - ON – Automatically pages on the alarm event
  - OFF – Does not page on the alarm event
Restore Previous Settings Sidebar Button

This sidebar button will return the settings to the ones assigned prior to opening the tab
Alarm Setup Sidebar Button (Ambulatory Telepack)

The **Alarm Setup** sidebar button will be displayed when the assigned device for the selected tile is an Ambulatory Telepack. **Alarm** and **ST Delays** can be adjusted via this sidebar button. The time selected is the amount of time required for an alarm response to occur.
Reports Menu Button – Patient Reports Tab

The Patient Reports Tab contains a variety of reports a clinician can print on a specific patient. The waveforms to be printed are configured in the “Print Setup” Tab.
Print All Strips Button

This laser printout contains all patient demographics, all real time digital data and 10 seconds of waveform data.

To Print an All Strip Report

- Select **REPORT** menu button
- Select patient tile
- Select **PATIENT REPORTS** tab
- Select **PRINT ALL STRIPS** button