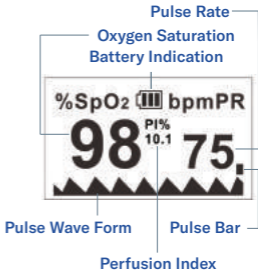




**Pulse Oximeter AE174**

# QUICK START GUIDE

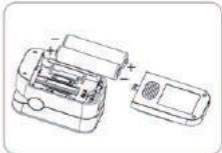
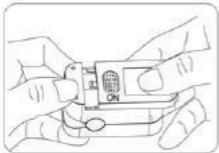
# SCREEN DISPLAY



# OPERATION

## Install Battery

- ▶ Install two AAA batteries into the battery compartment.



## OPERATION

### Using the Lanyard

- ▶ Tie the lanyard through the hole in the rear of the Pulse Oximeter.



### To Operate

- ▶ Place one of your fingers into the Pulse Oximeter to the end and press the switch button one time on front panel to turn it on.

**Note:** Keep your hands still for the reading.

## SETTING

V2.12  
Alm setup \*  
Alm on  
Beep off  
Demo off  
Restore  
Brightness 4  
Exit

Alm setup	To enter the Alarm Setup submenu
Alm	To turn audible alarm on/off
Beep	To turn audible beep for pulse beat on/off
Demo	To demonstrate screen display without real measurement
Restore	To restore default settings
Brightness	To adjust screen brightness from 1-10. Level 10 is the brightest. Default level is 4
Exit	To return to the measuring interface

# SETTING

V2.12  
Sounds Setup \* 100  
SpO<sub>2</sub> Alm Hi 94  
SpO<sub>2</sub> Alm Lo 130  
PR Alm Hi 50  
PR Alm Lo +  
+/-  
Exit

SpO <sub>2</sub> Alm Hi	Upper limit for SpO <sub>2</sub> alarm
SpO <sub>2</sub> Alm Lo	Lower limit for SpO <sub>2</sub> alarm
PR Alm Hi	Upper limit for PR alarm
PR Alm Lo	Lower limit for PR alarm
+/-	Select + to increase value. Select - to decrease value.
Exit	To return to the measuring interface

## PULSE SOUND

- ▶ When the Oximeter is ON, press and hold POWER (⏻) button until the setting menu.
- ▶ Short press (<1 sec) POWER (⏻) button to scroll down the “\*” symbol to “Beep”.
- ▶ Long press (>1 sec) POWER (⏻) button to change “Beep” to ON or OFF.



V2.12  
Alm setup  
Alm  
Beep \* off  
Demo off  
Restore  
Brightness 4  
Exit

## BRIGHTNESS ADJUSTMENT

- ▶ Under the setting menu.
- ▶ Short press (<1 sec) POWER (⏻) button to scroll down the “\*” symbol to “Brightness”.
- ▶ Long press (>1 sec) POWER (⏻) button to adjust brightness from 1 (Low) to 5 (High).



V2.12  
Alm setup  
Alm  
Beep on  
Demo off  
Restore off  
Brightness \* 4  
Exit



## OUT-OF RANGE ALARM

- ▶ When SpO<sub>2</sub> or PR reading exceeds a defined range, an alarm will trigger and the SpO<sub>2</sub> or PR reading will start to flash respectively. In addition, an audible alarm can be turned on by setting the “Alm” under the setting menu to ON.



V2.12  
Alm setup  
Alm \* on  
Beep off  
Demo off  
Restore  
Brightness 4  
Exit

- ▶ Short press (<1 sec) POWER (⏻) button to move the “ \* ” symbol to “Alm” option.
- ▶ Long press (>1 sec) POWER (⏻) button to turn alarm function ON or OFF.

## OUT-OF RANGE ALARM

- The upper and lower limit for the SpO<sub>2</sub> and PR alarm can be user defined. Under the setting menu, select “Alm Setup” long press (>1 sec) POWER (⏻) button to enter the Alarm Setup submenu.
- To increase a value, ‘ + ’ should be selected.
- To decrease a value, ‘ - ’ should be selected.
- Short press (<1 sec) POWER (⏻) button to move the “ \* ” symbol to “SpO<sub>2</sub> Alm Hi”.
- Long press (>1 sec) POWER (⏻) button to change to your desired value. Follow the same steps to change other values.

```
V2.12
Sounds Setup
SpO2 Alm Hi      *    100
SpO2 Alm Lo      94
PR Alm Hi        130
PR Alm Lo        50
+/-              +
```

Exit

## NOTE

Measurements may be inaccurate in the following situations:

- ▶ In a very cold environment or cold fingers
- ▶ Excessive finger movement during measurement
- ▶ When finger isn't placed properly into the device

Excessive ambient light, such as fluorescent lamp or direct sunlight, may affect the result.

Enamel or acrylic fingernail polish or other fingernail applications may give inaccurate readings.

### What is Pulse Oximeter?

A pulse oximeter is a non-invasive device that indirectly monitors blood oxygen saturation ( $SpO_2$ ) and pulse rate (heart rate). Pulse oximeters provide an easy way of assessing your blood oxygen level and pulse rate.

### What is $SpO_2$ ?

$SpO_2$  is also known as oxygen saturation. Oxygen saturation is a measure of how much oxygen the blood is carrying as a percentage of the maximum it could carry.

### What kind of conditions may cause an inaccurate reading?

Cold hands, poor circulation, very weak pulse, movement, fingernail polish and acrylic nails may cause inaccurate results.

### What is the normal range for pulse rate?

The normal resting range for pulse rate is typically considered from 60-100 beats per minute. Ask your health professional this question as it pertains to you.

### What is the normal range of SpO<sub>2</sub>?

The normal range for SpO<sub>2</sub> is typically considered from 95% - 99%. The SpO<sub>2</sub> measurement may be lower for people who live at high altitudes. Ask your health professional this question as it pertains to you.

### The SpO<sub>2</sub> is not changing-it's stuck?

SpO<sub>2</sub> does not change like pulse rate. It is slow to change.

### The pulse rate is changing rapidly.

Your heart rate changes with emotions, excitement and exercise.

## EXTENDED WARRANTY

Go to [www.AlcedoHealth.com](http://www.AlcedoHealth.com) to register your product and receive one FREE extra year warranty.

Please read the instruction manual for complete product information.

Have questions?

**DO NOT RETURN THIS PRODUCT.**

Call our Toll-Free Consumer Help Line at **833-682-8655** or email [info@alcedohealth.com](mailto:info@alcedohealth.com) for assistance with your Alcedo products.