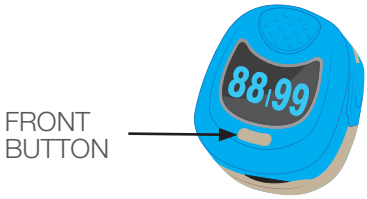
V406 User Manual — Quick Setup Guide

V406 Buttons & Icons



Warning - See User Manual

Low Power - Charge Battery

Audible Pulse Indicator

Audible Alarm Indicator

Warnings

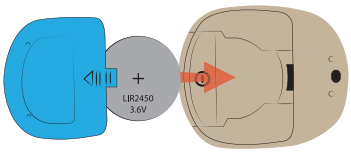
- Do not use the V406 on the same finger for more than 2 hours as discomfort or pain may occur
- Do not use the V406 on damaged or tender skin
- Do not look directly at the infared light source
- Ensure there is no nail polish on the patients finger
- Do not use the V406 during MRI or CT scans
- Do not use the V406 in the presence of explosive gases
- Do not use the V406 on patients who are allergic to rubber
- Stop using the V406 immediately if any liquids enter the unit.

Operation

Battery Installation

NOTE: Use only LIR2450 3.6V rechargeable Li-Ion button cell batteries supplied

NOTE: Ensure the battery is installed correctly as reverse polarity will damage the V406



Battery Charging

Use the charger supplied to charge the battery for the V406. The charger has an LED charge indicator. The LED is red when the battery is charging and changes to green once the battery is charged.

Application

- Open the V406 and place the patients finger into the unit with the fingernail facing up
- Press and hold the front button to power on the device and wait a few seconds for the reading

Display Rotation

During operation of the V406, short-press the front button to rotate the display

Audible Pulse Setting

The V406 has an audible pulse feature, which sounds when the patients pulse is being read. To disable the audible pulse, press and hold the front button during operation, the audible pulse icon will disappear. To re-enable, press and hold the front button again, the audible pulse icon will re-appear

Audible Alarm Setting

The V406 has an audible alarm feature, which sounds when a reading is below the preset range or when the battery needs charging. To disable the audible alarm, short-press the front button when the alarm is sounding, the alarm is silenced for 30 seconds.

CE 0120

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Maintenance & Storage

Cleaning

- Use a soft cloth and medical alcohol to clean the device, and allow to air dry.

Maintenance

- Clean the device regularly as per above
- Keep the battery charged and recharge when prompted by the V406
- Condition the battery every 6 months, especially during periods when the device is rarely used.

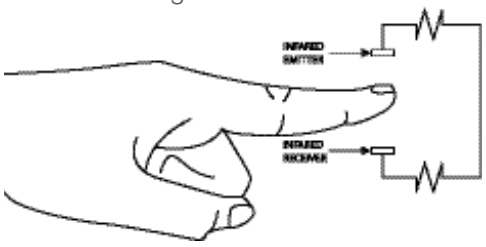
Storage

- The V406 is best stored in original packaging
- Remove the battery during long storage periods
- Do not store with corrosive or explosive gases
- Store with plenty of ventilation
- Storage temperature range: -40 to 60 °C

Specification

Sp02	
Range	0 - 100 % (1 % Resolution)
Accuracy	± 2 % at 70 - 100%
Pulse Rate	
Range	30 - 250 BPM (1BPM Resolution)
Accuracy	± 2 BPM or ± 2 %
Dimensions	46(L) x 40(W) x 29(H) mm
Weight	Approx. 35g (inc. battery)
Operating Environment	
Temp.	10°C - 40°C
Humidity	30% - 75%
Pressure	700 hPa 1060 hPa

Infared Working Elements



Troubleshooting

Problem	Cause	Solution
Abnormal or eratic SpO2/PR readings	The patients finger is not correctly positioned	Remove the patients finger and reinsert
	The patients SpO2/PR is too low to be detected	Remove patients finger and attempt reading again.
	The patient is moving/shaking	ask patient to remain as still as possible
	The patient is wearing nail varnish	Remove any nail polish from the patients finger
V406 is not powering on	The battery has little or no charge	Charge the battery for at least 8 hours using the charger provided
	The battery is not installed or is not correctly installed	Check the battery is installed and that the polarity is correct
	The V406 is faulty	Return to DARAY for inspection and repair
The display powers off suddenly	The battery has little or no charge	Charge the battery for at least 8 hours using the charger provided
	The V406 is set to power off after 5 seconds when not in use	Normal operation
The unit can not be used for long periods of time	The battery has little or no charge	Charge the battery for at least 8 hours using the charger provided
	The battery is damaged	Contact DARAY for replacement

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