



**FEVER<sup>TM</sup>  
SCOUT**

Continuous monitoring thermometer

## INSTRUCTION FOR USE

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1

WHAT'S INSIDE



1. Fever Scout™  
x1



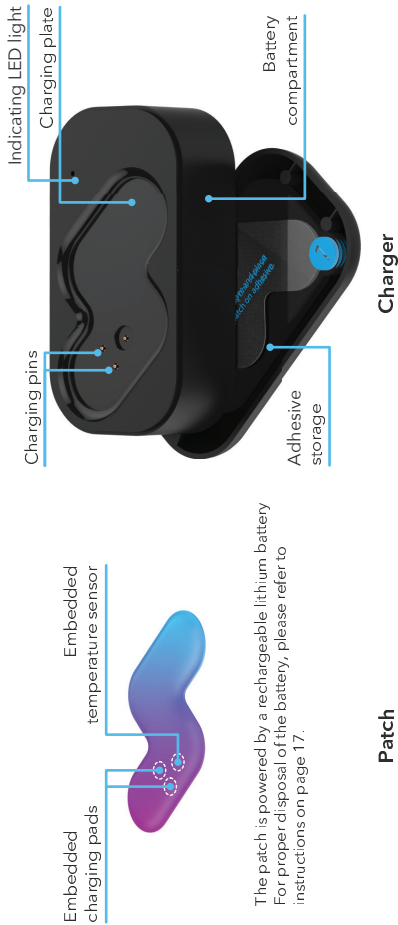
2. Charger  
x1



3. Disposable Adhesives  
x5

2

PRODUCT DESCRIPTION



## INTENDED USE & PRECAUTION

### Intended use:

The wireless Fever Scout thermometer is a non-invasive and re-usable electronic device. This product is intended for non-urgent ambulatory continuous armpit body temperature monitoring for all ages.

### Precautions:

1. Any form of modification to this device is forbidden.
2. Do not use this device together with MRI or CT equipment.
3. Physicians should diagnose based on clinical references and symptoms, and use this device as a subsidiary tool.
4. Do not use this device if it cannot stay in contact with the skin and do not use on wounded or irritated skin.
5. This device is non-sterile.
6. It is recommended for indoor use only.
7. The patch is to be worn under the armpit. Patch exposure to ambient temperature may cause inaccurate temperature readings.

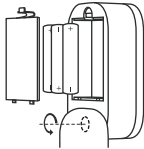
8. Do not submerge the patch in the water. Patch may be removed for bath or shower and re-applied after.
9. Do not excessively bend or twist the patch.
10. In case of skin discomfort, remove patch immediately.
11. For additional safety, keep the product out of user's mouth.
12. User may only change the charger AAA batteries; no user serviceable part is provided for this product.
13. Device setup shall be performed by adults. Please call customer service at (408) 663-6784 if any issues occur during device setup.

INSTRUCTIONS FOR USE

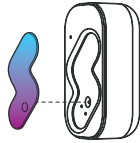
1. Activate the patch

Important!

You must place the patch in the charger to activate the patch.



**1.1. Rotate** the adhesive storage to access the battery compartment door. Place three AAA batteries into the charger, and allow the patch to charge for at least two hours.



**1.2.** After allowing the patch to charge for at least two hours, remove it from the charging plate. The patch **will not pair with the phone while being charged.**



- **LED Light ON:** Indicates patch is charging. The light will stay on for 15 seconds.
- ⚡ **Flashing LED:** The charger batteries are **low**.
- **LED light OFF:** Charger is **out of batteries**.

# 4

## INSTRUCTIONS FOR USE

### 2. Set up the app



2.1. Download the app and create an account.



2.2. Create a profile for the user wearing Fever Scout.



2.3. Enable fever alert, and input temperature alert for the selected user profile.

### 3. Pairing



3.1. Place patch on the phone. Ensure that your bluetooth is on and keep your phone within arm's reach while pairing.



3.2. Once the patch is paired, you can apply adhesive. **Always pair the patch before applying adhesive.**

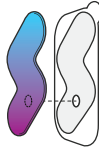
# 4

## INSTRUCTIONS FOR USE

### 4. Device Set Up



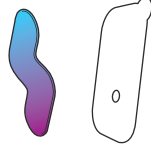
4.1. Carefully remove **Side 1** from the adhesive.



4.2. **Align the metal temperature sensor** on the patch with the hole in the adhesive.



4.3. Attach the patch to adhesive. Make sure the metal sensor is **protruding through the hole**. Press the adhesive firmly to secure the contact.



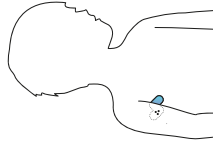
4.4. Carefully remove the patch from **Side 2**.



# 4

## INSTRUCTIONS FOR USE

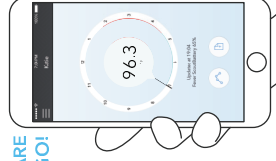
### 5. Warm Up



5.1. Clean the armpit area.  
Place the patch with the **purple side facing in towards the armpit** and blue side facing out.

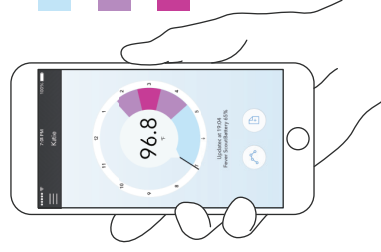


5.2. Let your arm drop at your side to cover the patch and keep it there for at least **8 minutes**. **Keep your phone within arm's reach.**



YOU ARE  
GOOD TO GO!

## INSTRUCTIONS FOR USE



temperature reading  $\leq 98.6^{\circ}\text{F}/37^{\circ}\text{C}$  (Armpit)

$98.6^{\circ}\text{F}/37^{\circ}\text{C}$  < temperature reading < user's temperature alert.

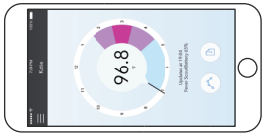
temperature reading  $\geq$  user's temperature alert.

### Temperature Monitoring

1. Make sure the Bluetooth feature is enabled.
2. Select which user profile you will be monitoring.
3. Make sure the phone is within range for continuous temperature monitoring.
4. Monitor temperature via the APP's Clock, Journal, and Trend views.
5. Select the notes feature from the main screen to add symptoms and medication. Notes will be saved under the Journal screen.

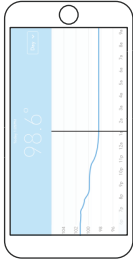
# 4

## INSTRUCTIONS FOR USE



### HOME SCREEN

View the temperature from last 12 hours. Patch battery life is displayed below the temperature.



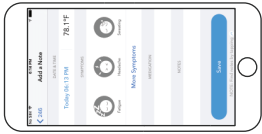
### TREND VIEW

Rotate your smart phone to a horizontal view to observe the graph.



### NOTE VIEW

View and share your customizable notes with your family members.

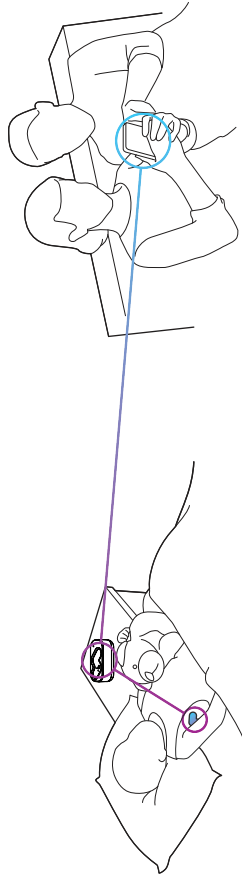


### ADD NOTES

Take detailed notes of symptoms and medication.

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### EXTENDED RANGE MONITORING



1. Keep the charger within arm's reach of user wearing the patch (within **4.9 ft/1.5 m**).

2. The charger will send temperature data to your phone (up to **131 ft/40 m**), allowing you to monitor temperature without having to be near the user wearing the patch.

## 6

### STORAGE & MAINTENANCE



#### Cleaning

It is recommended to use a new adhesive from the adhesive storage with each use. To clean the patch before applying new adhesive, wipe both surfaces with an alcohol wipe.

**Note:** With proper maintenance, the patch should be functioning for one year.

#### Adhesives

Each Fever Scout™ comes with 5 medical grade, replaceable adhesives. Wearing time is typically 1 day, but some users may want to change adhesives more often depending on skin type and comfortability. Additional adhesives can be purchased separately as needed.

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## TROUBLESHOOTING

Symptom	Possible Causes	Solutions
Unusual temperature data	<ol style="list-style-type: none"> <li>1. This device might be damaged.</li> <li>2. This device might not be worn correctly.</li> <li>3. This device is attached to the armpit for less than eight minutes.</li> <li>4. The arm is not consistently kept in the natural dropping position during calibration.</li> <li>5. The operation temperature is too high or too low.</li> <li>6. The patch was worn before pairing.</li> <li>7. Temperature sensor not covered by arm.</li> <li>8. User touched sensor before wearing.</li> </ol>	<ol style="list-style-type: none"> <li>1. Contact customer service at (408) 663-6784.</li> <li>2. Recheck device's location or contact with the armpit.</li> <li>3. Keep this device attached for eight minutes before reading temperature.</li> <li>4. Keep arm in natural dropping position consistently.</li> <li>5. Use this device under instructed operation temperature.</li> <li>6. Pair the patch before wearing.</li> <li>7. Cover the temperature sensor with arm.</li> <li>8. Do not touch the sensor before wearing.</li> </ol>
Smart phone cannot read data from the device	<ol style="list-style-type: none"> <li>1. Bluetooth feature is not enabled in the smart phone.</li> <li>2. Out of connection range.</li> <li>3. Blue side of the Fever Scout patch blocked by arm.</li> </ol>	<ol style="list-style-type: none"> <li>1. Enable Bluetooth feature in the smart phone.</li> <li>2. Move the smart phone closer to the device.</li> <li>3. Have blue side of the Fever Scout patch exposed and do not squeeze the arm closed.</li> </ol>

## TECHNICAL SPECIFICATION

**Product name:** Fever Scout™

**Catalog/Model:** VV-200

**Size:** 61×41mm

**Thickness:** 5.5mm

**Weight:** 7.3g

**Duration of continuous battery use:** 7 days

**Product shelf life:** 12 months

**Transmission distance:** 40m (with charger box relay)

**Accuracy:** ± 0.1 °C (from 35°C to 42°C)

**Patch water resistance:** IP22

**Charger water resistance:** IP21

**Operation/Storage conditions:**

**Temperature:** 10°C - 40°C

**Humidity Range:** 15-85%

**Pressure Range:** 70-106 kPa

**Receiver:**

**Android devices:** Available late 2016.

**Apple device:** The Fever Scout™ app is compatible with iPhones and iPads that have Bluetooth 4.1 low energy capability, and running on iOS.



For more details about Android/Apple support, please refer to [www.feverscout.com](http://www.feverscout.com).

### CERTIFICATION & DISCLAIMER


<p><b>Notes:</b></p> <p>This device 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.</p>	<p>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.</p>
<p>If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off (i.e. putting the patch on the charger) and on, the user is encouraged to try to correct the interference by one or more of the following measures:</p> <ol style="list-style-type: none"> <li>1. Increase the separation between the Fever Scout™ patch and charger.</li> <li>2. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.</li> <li>3. Consult an experienced radio / TV technician for help.</li> </ol>	<p>Changes or modification not expressly approved by Vivalink could void the user's authority to operate the equipment.</p>



## CERTIFICATION & DISCLAIMER

### For private households: Information on Disposal for Users of WEEE

Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation.

This symbol () on the product(s) and / or accompanying documents means that used electrical and electronic equipment (WEEE) should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product(s) to designated collection points where it will be accepted free of charge. Alternatively, in some countries, you may be able to return your products to your local retailer upon purchase of an equivalent new product.

### Battery Removal

The charger contains AAA batteries and the patch contains a lithium battery. Refer to proper disposal instructions below:

1. To remove the battery, cut the patch. The battery is located in the center of the patch.



2. To remove the AAA batteries, open the battery compartment door on the bottom of the charger.

3. All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities. The correct disposal of your old batteries/accumulators will help to prevent potential negative consequences for the environment, animal and human health.

4. For more detailed information about disposal of your old batteries/accumulators, please contact your local waste disposal service.

ELECTROMAGNETIC COMPATIBILITY (EMC) TABLE

Table 1

Guidance and manufacturer's declaration – electromagnetic immunity			
Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic environment - guidance
Electrostatic discharge (ESD) IEC 61000-4-2	+/- 6 kV contact +/- 8 kV air	Electrostatic discharge (ESD) IEC 61000-4-2	Floors should be wood, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-6	3 A/m	0.3 A/m	The power frequency magnetic field should be measured in the intended installation location to assure that it is sufficiently low.


ELECTROMAGNETIC COMPATIBILITY (EMC) TABLE

Table 2 (Part 1)

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic environment - guidance
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	3 V/m	<p>Portable and mobile RF communications equipment should be used no closer to any part of Fever Scout, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance.</p> <p><math>d = 1.2 \sqrt{P}</math></p> <p><math>d = 1.2 \sqrt{P}</math> 80 MHz to 800 MHz</p> <p><math>d = 2.3 \sqrt{P}</math> 800 MHz to 2.5 GHz</p> <p>(Continue on next page)</p>

ELECTROMAGNETIC COMPATIBILITY (EMC) TABLE

Table 2 (Part 2)















Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic environment - guidance
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	3 V/m	<p>Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m).</p> <p>Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,<sup>1</sup> should be less than the compliance level in each frequency range.<sup>2</sup></p> <p>Interference may occur in the vicinity of equipment marked with the following symbol: </p>
<p>NOTE 1: At 80 MHz and 800 MHz, the higher frequency range applies.</p> <p>NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.</p> <p><sup>1</sup> Field strengths from mixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which Fever Scout is used exceeds the applicable RF compliance level above, Fever Scout should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary such as re-orienting or relocating Fever Scout.</p>			

## ELECTROMAGNETIC COMPATIBILITY (EMC) TABLE

Table 3

Guidance and manufacturer's declaration – electromagnetic immunity			
Rated maximum output power of transmitter  W	Separation distance according to frequency of transmitter		
	150 kHz to 80 MHz $d = 1.2 \sqrt{P}$	80 MHz to 800 MHz $d = 1.2 \sqrt{P}$	800 MHz to 2.5 GHz $d = 2.3 \sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.36	0.36	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23
For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.			
NOTE 1: At 80 MHz and 800 MHz, the separate distance for the higher frequency range applies.			
NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption reflection from structures, objects, and people.			

DEFINITION OF SYMBOLS

	FCC icon		Manufacturer		CE mark
	WEEE icon		Date of manufacture		Other paper materials
	Consult Instructions for use		Authorized representative in the European Community		Use-by date
	Type-B applied part		Serial number		Radio emission
	Temperature limit		Catalog number		

EC REP

Energie Europe B.V.  
Molenveld 15  
2513 BH The Hague,  
The Netherlands

CE  
0086

10°C  
50°F



40°C  
104°F

LBL 75-06-01 REV.01

**THANK YOU**  
For choosing Fever Scout™

Manufactured by VivaLink  
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