VibeAlert System

User Guide

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Smoke alarm alert system for deaf and hard-of-hearing users

Vibration • LED Lighting •Buzzer • Emergency Light Mode

What is VibeAlert?

VibeAlert is a smoke alarm alert system made up of two parts:

Transmitter — Detects when a smoke alarm is triggered and sends the alert signal wirelessly

Receiver — Once a signal is received it vibrates the bed shaker, triggers a buzzer and flashes bright white lights to alert you

First Time Setup

Install the transmitter to the smoke alarm (although this is a fairly simple install it is recommended to have it installed by a professional if you are not familiar with home wiring)

Plug in bed shaker and place in mattress or other location where you want to be notified

Plug in the receiver (main unit) using a USB power supply and cable that is rated at 2A (2000ma) minimum.

a. Status light shows white for 1 second (starting up)
b. Status light flashes red while looking for transmitter
c. **Status light turns green when connected — you're ready!**

Connection happens automatically within a few seconds. No pairing or setup needed.

The Status Light

The small colored LED on your receiver tells you exactly what's happening:

Color	What It Means
🟢 Green (dim) with bright flash	Everything is working — ready to receive alerts

Blue (flash)	Ping received from transmitter (brief flash every 15 seconds)
Yellow	Smoke alarm alert is active
Red (flashing)	**Problem! Not connected to transmitter**
White	Starting up

Most of the time you should see dim green with a bright flash every 15 seconds — that means everything is good!
Red flashing = transmitter not found.

When a Smoke Alarm Happens

Here's exactly what happens when the smoke alarm is triggered:

Transmitter detects smoke alarm and sends wireless signal
Status light turns yellow — alert is active
Vibration motor pulses 5 times: 2 seconds on, 1 second off (15 seconds total) this will continue until there is no longer a smoke alarm warning
White LEDs flash 5 times: 3 seconds on, 1 second off (20 seconds total) this will continue until there is no longer a smoke alarm warning
Status light returns to green with flash — ready for next alert

The alert runs automatically — just let it finish! Press the white button to stop early if needed.

White LED Manual Control (Touch Sensor)

You can manually control the white LED brightness at any time using the touch sensor.

Turning LEDs ON (when they are OFF)

Touch and hold the sensor for 2 full seconds
LEDs turn on at 5% (dim) brightness
Count "one-thousand-one, one-thousand-two" to get the timing right

Changing Brightness (when LEDs are ON)

Touch and hold for ½ second to step to next brightness
Brightness cycles: 5% → 40% → 100% → OFF
After OFF, you need the 2-second hold again to turn back on

Tip: Touch sensor does not respond during an active alert cycle. Wait for the alert to finish first.

USB Power & Emergency Light

Your receiver automatically monitors USB power. If USB power is lost, the system immediately:

Turns the status LED solid red — to signal USB power loss
Turns the white LEDs on at 5% brightness — automatic emergency light mode
Continues running on battery backup
Touch sensor remains available to adjust brightness

> ⚠ **Solid red status light = USB power disconnected.**
> When USB is reconnected, the status LED returns to green and the emergency white LEDs turn off automatically.

The Reset Button (White Button)

The white button on the receiver has two functions based on how long you hold it:

Quick Press (less than 3 seconds)

Stops the vibration and white LED alert if currently running
Status light turns purple while you hold the button
Use this if you want to cancel an alert early

Medium Hold (3–4 seconds)

Restarts the whole system
Status light blinks red rapidly — keep holding
System restarts fully after 3–4 seconds
Use this if something seems stuck or wrong

Power Requirements

> ⚠ **IMPORTANT: Use a 2A (2000mA) minimum USB power adapter**

Strong vibration requires at least 2A (2000mA) of power
Weak vibration? Your USB adapter is probably only 1A — replace with 2A
Look at the small print on your USB wall adapter — it should say “2A”, “2000mA” or higher

Common phone chargers are often only 1A — **these will not work properly**

Troubleshooting

Status Light is Flashing Red

What it means: Receiver can't find the transmitter

Check that the transmitter is plugged in and powered on

Make sure both units are close enough (within 200 meters / 650 feet)

Try unplugging both units, wait 5 seconds, plug them back in

If still flashing red, hold reset button 3+ seconds to restart receiver

White LEDs Turn On By Themselves

What it means: USB power was disconnected — emergency light activated

This is **a feature, not a fault.** The receiver detected power loss and automatically turned on the emergency light.

Check and fix your USB power connection

When USB power is restored, the emergency light turns off automatically

You can adjust brightness with the touch sensor while in emergency mode

Vibration Doesn't Work or Is Weak

Check USB power adapter — must be 2A (2000mA) or higher

Check status light is green with flash (not red)

Make sure the transmitter is attached to the trigger wire of a "interconnected' smoke alarm (Interconnected smoke alarms have been required in new home construction since 1989 but were installed on many homes prior to that).

Try a different, thicker USB cable

Try restarting receiver (hold reset button 3+ seconds)

Most common cause: USB adapter is only 1A instead of required 2A

White LEDs Won't Turn On (Manual Control)

Touch and **hold for 2 full seconds** (count one-thousand-one, one-thousand-two)

If during an alert, wait for it to finish first

Try cycling through all brightness levels: touch and hold ½ second until you reach OFF, then start again with 2-second hold

Touch Sensor Not Responding

Hold long enough: **2 seconds** when turning on from OFF, **½ second** when changing brightness

Don't tap — you must touch and hold. If an alert is running, wait for it to finish

Nothing Happens / All LEDs Off

Check USB cable is firmly connected

Check wall adapter is plugged in and powered

Try a different USB cable or power adapter

Hold reset button for 3–4 seconds to restart

Quick Reference Card

Quick Reference Card	
Status Light Colors	
🟢 **Green (dim) + flash**	Everything working
🔵 **Blue flash**	Ping received from transmitter
🟡 **Yellow**	Vibrating / alert active
🔴 **Red flashing**	Not connected to transmitter
⚪ **White**	Starting up
Touch Sensor	
LEDs are OFF:	Hold 2 seconds to turn on
LEDs are ON:	Hold ½ second to change brightness
Brightness levels:	5% → 40% → 100% → OFF
Reset Button (White)	
Quick press (<3s)	Stop vibration / alert
Hold 3–4 seconds	Restart system
Power	
Minimum adapter:	2A (2000mA) USB
Weak vibration?	Check adapter — must be 2A not 1A

Care and Maintenance

Keep units clean and dry
Do not get units wet
Make sure USB cables are secure
If something seems wrong: unplug receiver, wait 10 seconds, plug back in

Safety

Use 2A (2000mA) or higher USB power adapters only
Use quality USB cables — not thin or cheap cables
Do not use if cables are damaged
Keep away from water
Do not cover the receiver — it needs air flow
Unplug during electrical storms