



# Thinklabs One

## Digital Stethoscope

### Quick Reference Guide

Congratulations. You now own a state of the art auscultation instrument made with advanced technology and fine materials. Thinklabs One is designed for the most discerning users who seek the highest quality.

This Quick Reference is your initial guide to using your Thinklabs One. The best designed products are easy to use, with more advanced features hidden below the surface, available to those who require them. Use this Guide to familiarize yourself with the basic functions and then go to our website to explore One in more depth, according to your needs.

Go to <http://thinklabsone.com/manual> for detailed User's Manual  
<http://thinklabsone.com/support> for Customer Support

#### Tips for Optimal Use

**Instructions** - There's a lot more to learn - see <http://thinklabsone.com/manual>

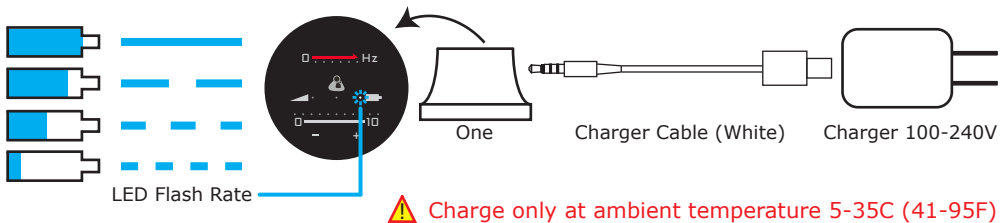
**Sound Levels** - Do not set your stethoscope volume louder than necessary. Adjust volume so that heart and lung sounds are clear and comfortable to hear. Protect your hearing!

**Diaphragm Pressure and Skin Contact** - Making skin contact will provide you with the best sound quality. If you do listen through clothing, avoid listening through thick garments.

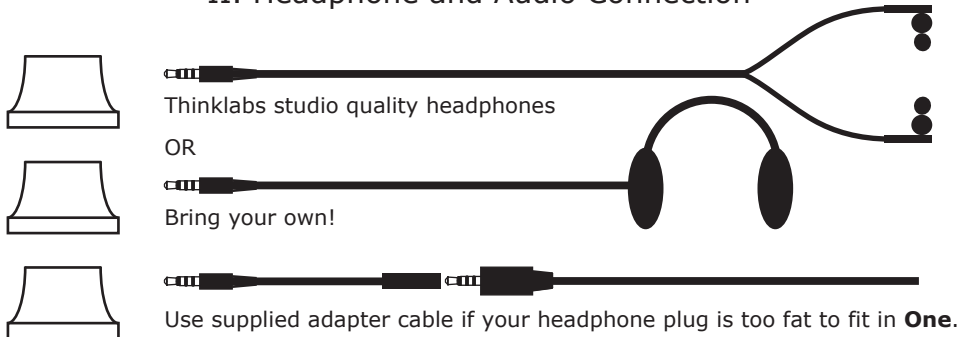
**Headphone Fit** - Make sure your headphones are as sealed as possible against outside noise to enhance your listening. Use Thinklabs headphones or other high quality headphones.

**Cleaning** - Use alcohol or other cleaning agents, but do not allow liquids inside **One**.

#### I. Charger Connection



#### II. Headphone and Audio Connection



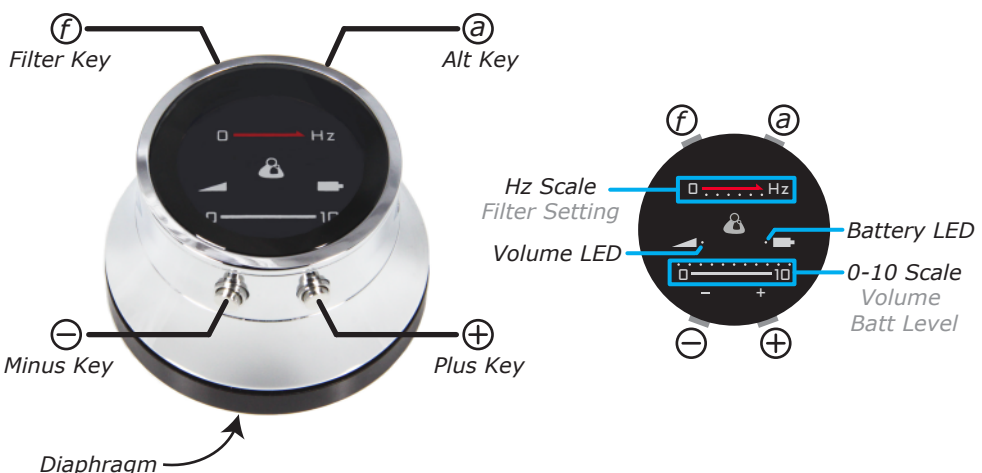
#### • For best sound quality, use headphones with strong bass and good fit.

- Ensure that plug is pushed all the way in!
- OK to use cell phone headphones with built-in microphone.

• **Thinklink** - For Connections to smartphones/tablets/computers, see <http://thinklabsone.com/thinklink>

• **Hearing Aid Connections** - see <http://thinklabsone.com/hearing>

### Controls & Display





## 1. Power On / Off



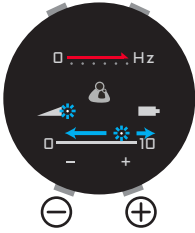
**Power On** - Hold ANY Key until power turns on.

**Power Off** - Push & Hold (a) and (⊖) simultaneously for 2 seconds, then release.

**Auto Shutoff** - Your **One** will shut off automatically after preset auto shutoff time.

*Battery Level flashes at Power Off*

## 2. Volume Control & Display



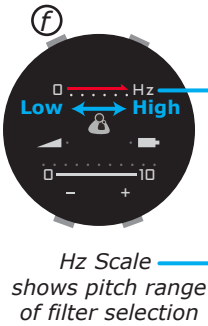
Click (⊖) or (⊕) to adjust Volume Level.  
Hold keys to step quickly up or down.

⚠ To reduce risk of tinnitus or hearing loss, listen at moderate volume levels.

## 3. Filter Selection & Display

- Filters selectively amplify low, medium or high-pitched sounds, to select for low-pitched heart sounds, mid-range murmurs or high-pitched lung sounds. **One** has multiple filters for greater control over sound than stethoscopes limited to the choice between Bell or Diaphragm.
- Pitch (i.e. frequency) is measured in Hertz (Hz) and displayed graphically on a low-to-high Hz Scale, which shows relative frequency range - filters that amplify low-pitched sounds show LEDs towards the left, filters for higher pitched sounds show LEDs towards the right.
- See <http://thinklabsone.com/filters> for further explanations and details.

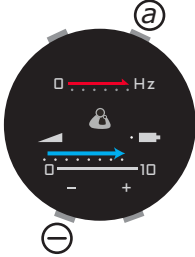
**Select Filter** - a. Hold (f) Key for ~2 seconds.  
b. Release Key when LEDs change.  
c. Repeat to cycle through filters.



**Set two "Favorite Filters"** - select 1st filter, select 2nd filter, then alternate easily between the two selections:

1. Select 1st Favorite - Steps a through c above.
2. Click (do not hold) (f) Key.
3. Select 2nd Favorite - Steps a through c again.
4. Click (do not hold) (f) Key to alternate between Favorites.
5. To use any other filter, simply do Steps a through c anytime and the Favorite you're currently using will be changed.

## 4. Battery Level Check



To Check Battery Level:

1. Push any key to Power On.
2. Push & Hold (a) and (⊖) simultaneously for 2 seconds.
3. Battery Level flashes across 0-10 Scale when **One** powers off.

ⓘ Typical battery life in use ~ 240 minutes active listening.  
Standby/Power Off time > 4 weeks.

## 5. Setting Auto Shutoff Time

Start with **One** in the Power Off condition.

1. Turn Power On.
2. Click (a) Key once for each minute of the desired auto shutoff time.  
For example, click (a) Key 3 times for a 3 minute shutoff time.
3. Push and HOLD (a) Key until One shuts off (~10 seconds).

- Factory Default = 2 minute auto shutoff time.
- Allowable range is one to ten minutes (1 - 10 clicks).
- To DISABLE Auto Shutoff (unit stays on), do 12 Clicks in step 2 above.

## For Detailed User's Manual, Support & Warranty

Complete Manual <http://thinklabsone.com/manual>  
Support <http://thinklabsone.com/support>  
+1.800.918.1088  
+1.303.525.3458  
Warranty 2 Years Limited Warranty  
<http://thinklabsone.com/warranty>

Thinklabs Medical LLC  
<http://thinklabs.com>  
1.800.918.1088  
1.303.525.3458

### Package Contents

Thinklabs One Digital Stethoscope  
Thinklabs In Ear studio quality headphones  
Spare Eartips (Small, Medium, Large pairs provided)  
USB Style Battery Charger (100-240V worldwide use), US style plug  
Carrying Case  
Charger Cable (white)  
Headphone (10cm) male-female adapter  
Thinklink:

Thinklink switching system for recording and monitoring  
Male-Male long cable (1m, black) - Connects One to Thinklink switch.  
Male-Male right angle connector - Connects Thinklink to mobile device.  
Male-Male - short cable (10cm) - Alternative to right angle connector.

Quick Reference (this document)  
Regulatory and Warning Information (accompanying document)

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