

Welcome to

Are They Always Listening? How Secure Is My Smart Speaker?

We will begin shortly... In the meantime, help us get to know you!

Share in the chat box:

Where are you tuning in from?





SMART HOMES

— MADE SIMPLE —

SmartHomesMadeSimple.org

A project of:



PENNSYLVANIA
ASSISTIVE TECHNOLOGY
FOUNDATION



This project is supported by a grant from the Pennsylvania Developmental Disabilities Council; in part by grant number 1901PASCDD-02 from the U.S. Administration for Community Living (ACL), Department of Health and Human Services, Washington, D.C. 20201. Grantees undertaking projects with government sponsorship are encouraged to express freely their findings and conclusions. Points of view or opinions do not, therefore, necessarily represent official ACL policy.



Are They Always Listening? How Secure is My Smart Speaker?

Kirby Smith, Consultant to Smart Homes Made Simple and President at SunKirb Ideas

Smart Speakers: Are they always listening?

- What are the concerns?
- How do they work?
- How their security compares to everyday devices like cell phones?
- Google and other social media collect much more info.
- What information do they retain?
- How can you protect yourself?



Why people are concerned

- It feels creepy to have a device talk back to you.
- Artificial Intelligence is scary.
- It is being used to spy on me.



How do they work?

- They are just speakers with microphones and visual feedback



Alexa Voice History

12:14 PM Tue May 25

79%

 Add a Device

 Lists & Notes

 Reminders

 Alarms & Timers

 Routines

 Skills & Games

See More 

 Settings

 Activity

 Help & Feedback



Alexa Voice History

Overview

Review Voice History

Review History of Detected Sounds

Review Smart Home Device History

Manage Skill Permissions

Manage Your Alexa Data

Review Voice History

Review and manage your voice recordings.

Displaying: Today, All devices

[Delete all recordings from today](#)

"alexa go home"

Today 11:26 AM Suria's Desk

Audio was not intended for this device

Today 11:26 AM kirby's Echo Flex

"show the doorbell"

Today 11:24 AM Suria's Desk

Audio was not intended for this device

Today 11:24 AM Suria's Bedroom

Audio was not intended for this device



Alexa Voice History



Activity **Voice History**

Today	11:21 AM	Suria's Bedroom	
<i>"alexa delete number two"</i>			▼
Today	11:20 AM	Suria's Desk	
<i>"show the tv list"</i>			▼
Today	11:20 AM	Suria's Desk	
<i>Audio was not intended for this device</i>			▼
Today	11:20 AM	Suria's Bedroom	
<i>Audio was not intended for this device</i>			▼
Today	11:20 AM	kirby's Echo Flex	
<i>"alexa"</i>			▼
Today	11:20 AM	Suria's Desk	
<i>Audio was not intended for this device</i>			▼
Today	11:20 AM	Suria's Bedroom	
<i>"alexa delete number two"</i>			▼
Today	11:20 AM	Suria's Desk	
<i>"alexa show show shopping list"</i>			▼
Today	11:20 AM	Suria's Desk	
<i>"alexa delete number three"</i>			▼

How do they compare to phones and computers?

- There are far more threats via your phone and computer.



They know everything about you... and you let them!



Google



facebook



It is a matter of trust

- We trust our money in the bank
- We trust every driver on the street
- We trust credit services
- We trust the locksmith
- We trust the cable companies' little boxes



Contact Kirby



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Thank you for joining us!

Questions?

Submit your questions using chat or Q&A.

Please fill out the survey!

