

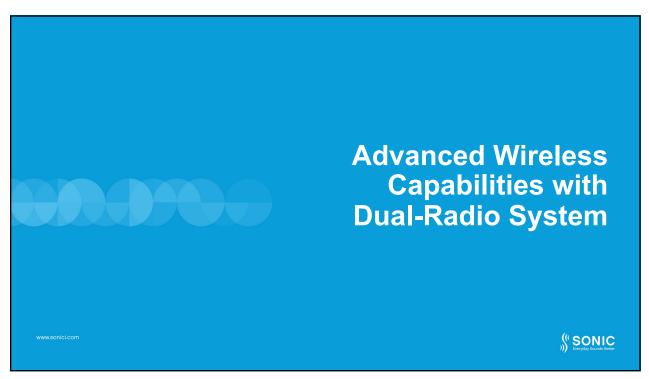
### **Learning Outcomes**

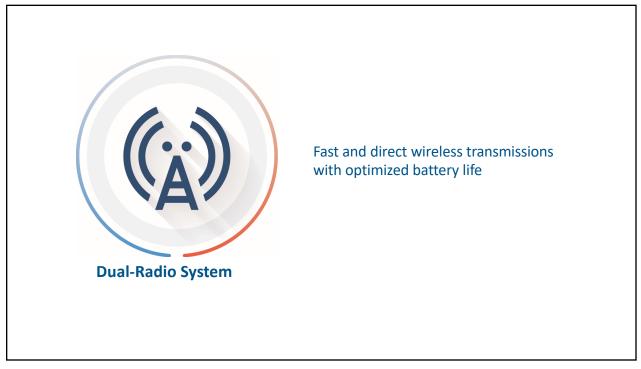
- After this course, learners will be able to:
  - Describe how the Dual-Radio System uses 2 separate wireless technologies and the purpose of each
  - Pair compatible Sonic hearing aids containing Dual Radio technology to a variety of wireless products
  - Explain how Sonic hearing aids with Dual Radio technology can access the Internet of Things via a smartphone

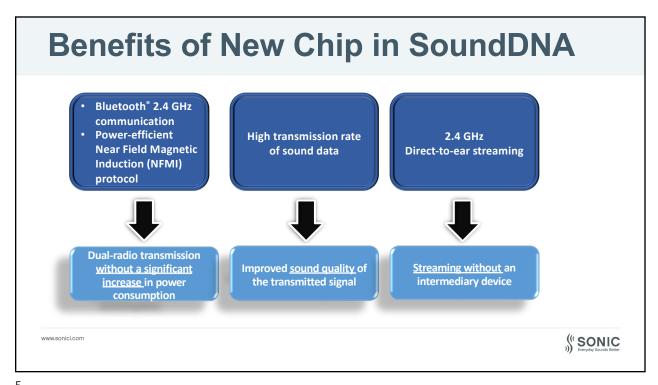
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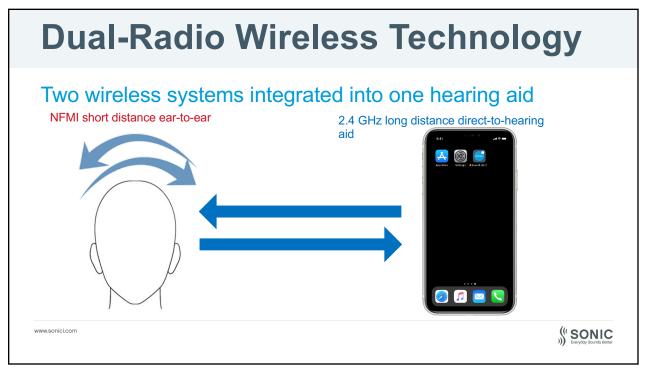
SONIC Sounds Return





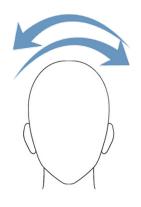






#### **Ear-to-Ear Wireless Transmission**

- Near Field Magnetic Induction signal (NFMI)
- Transmit only over a short distance
- Higher rate of information exchange



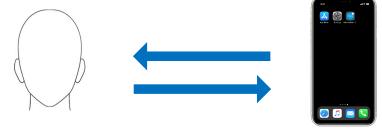
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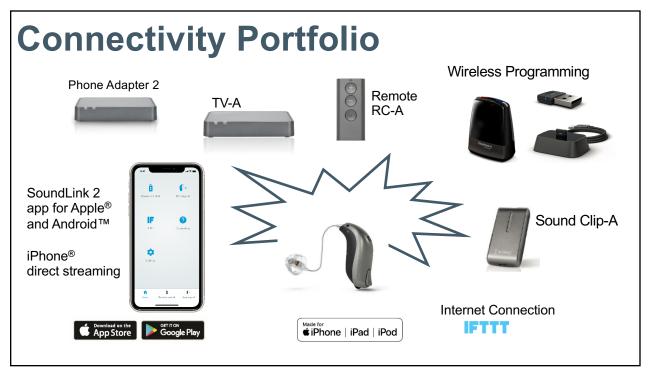
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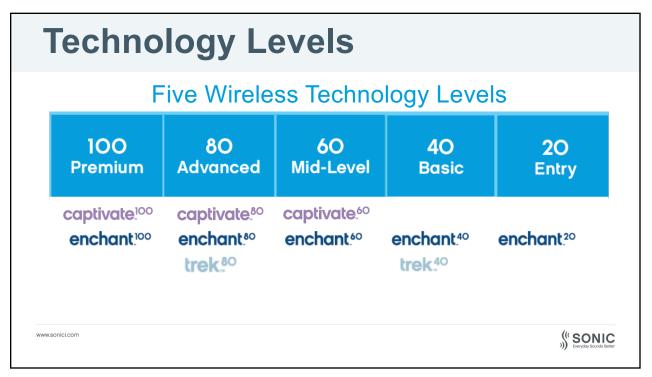
# Direct-to-Hearing Aid Wireless Transmission

- 2.4 GHz without an intermediary device
- Transmit over a long distance
- "Line-of-sight" connection to avoid interference





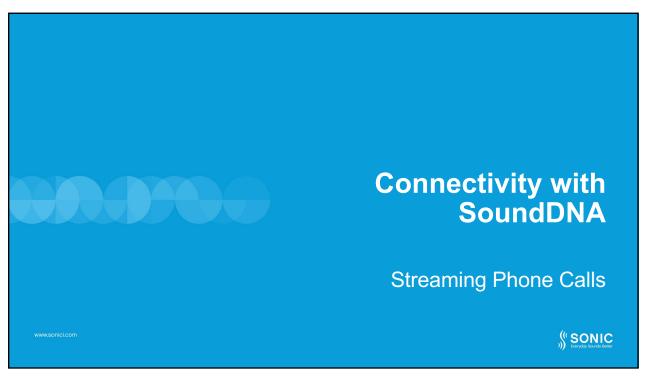














#### Made For iPhone Hearing Aid

• Streaming of phone calls, music and videos from iPhone<sup>®</sup>, iPad<sup>®</sup>, and iPod<sup>®</sup>.



32 ft | 10 m transmission range

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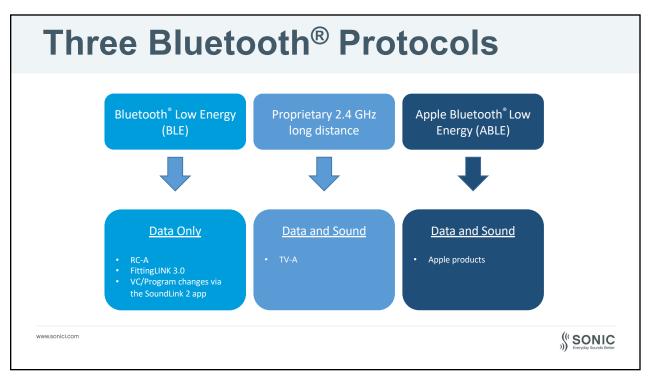
#### **Made For iPhone Hearing Aid**

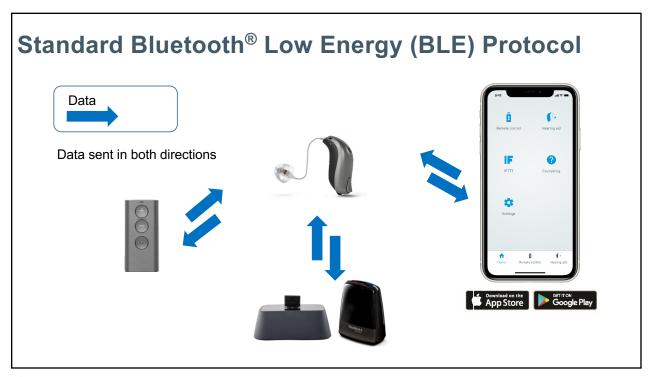
- 3 Transmission Protocols
  - Standard Bluetooth® Low Energy (BLE) protocol
  - 2.4 GHz proprietary long-distance protocol
  - Apple Bluetooth<sup>®</sup> Low Energy protocol (Made for iPhone<sup>®</sup>)

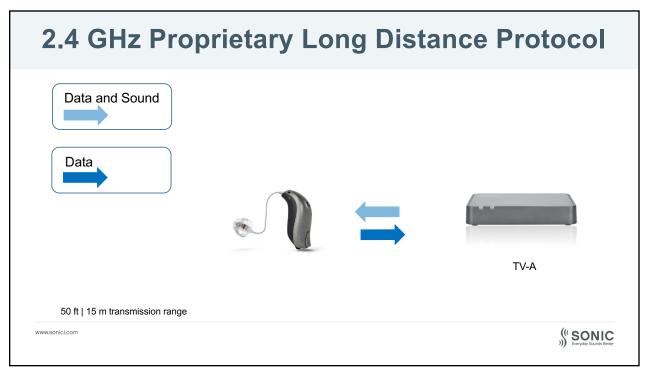
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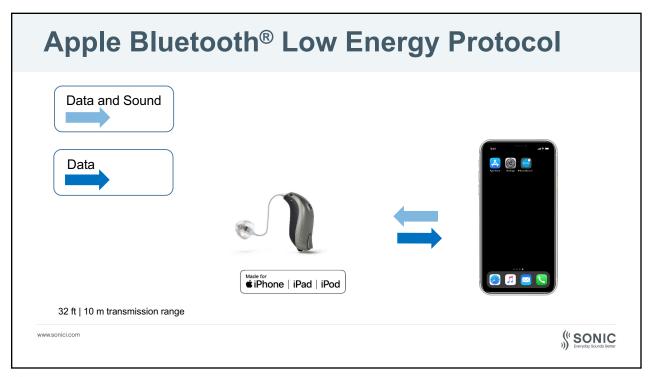
SONIC Sounds Return





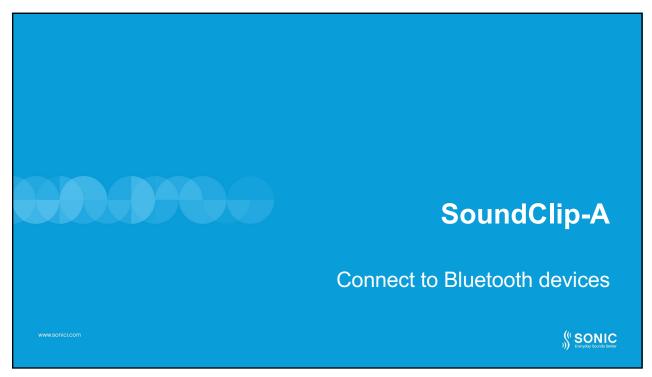








# Android TM Smartphones and Tablets • Volume and program changes via the SoundLink 2 app • No streaming of sound or music • Enter the SoundClip-A

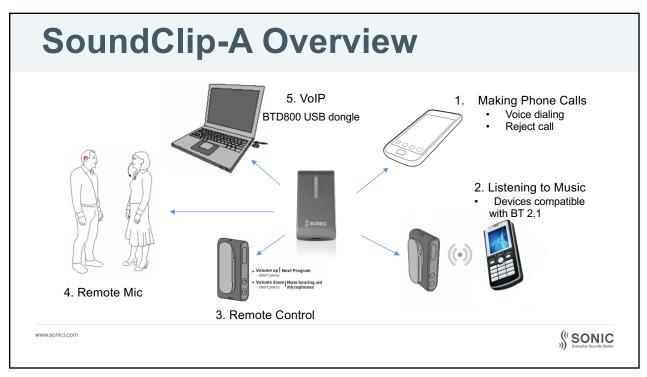


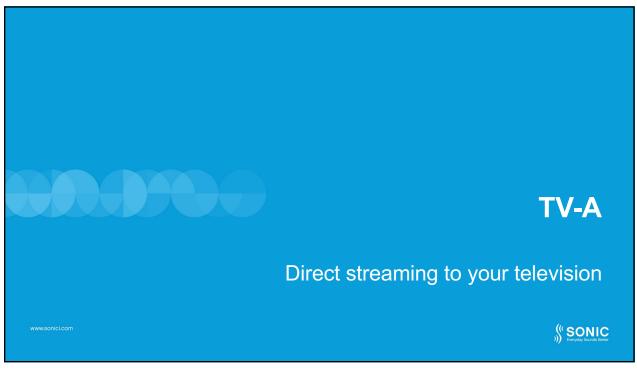
# SoundClip-A

- SoundClip-A is a wireless device for audio streaming from any Bluetooth 2.1 device to compatible hearing aids
- Remote mic functionality
- Basic remote control functions
- No lanyard required

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#### TV-A

- 2.4 GHz direct streaming to hearing aids
- Unlimited number of pairings
- Streaming to multiple instruments at the same time
- Digital stereo sound supported



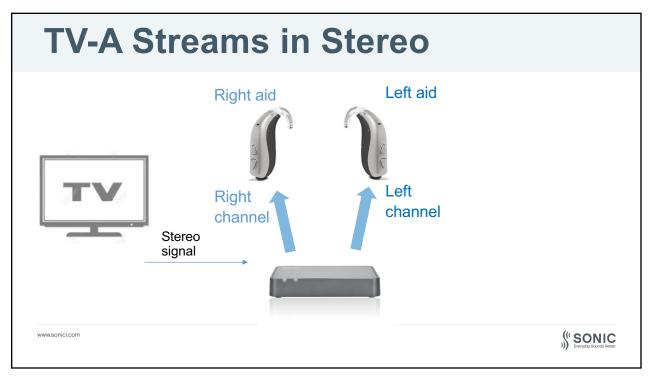


TV-A

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# Not compatible with products supporting SoundGate 50 ft | 15 m transmission range Regulate the volume of the streamed signal with RC-A or SoundClip-A SoundLink 2 Ear Level Volume Control

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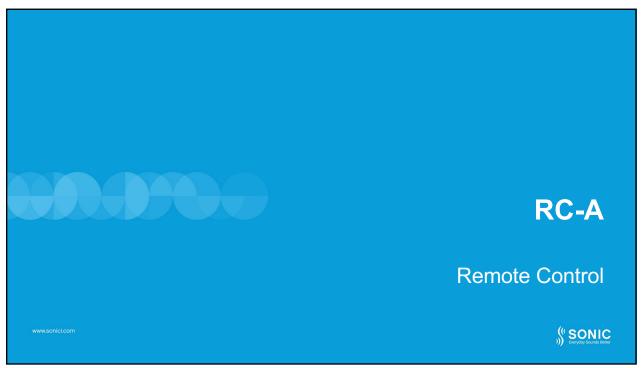


# **TV Program**

- Available once device is paired to the TV-A
- Access the TV Program to hear streamed signal
  - Local push button
  - RC-A
  - SoundLink 2 app
- Program cycle depends on the programs already available in your hearing aids
  - Dedicated TV Program indicator
- Mute hearing aid microphones while TV Program is active

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# Program change www.sonki.com Operates using 2.4 GHz BLE Not compatible with products supporting SoundGate Volume up Volume down Program change Mute

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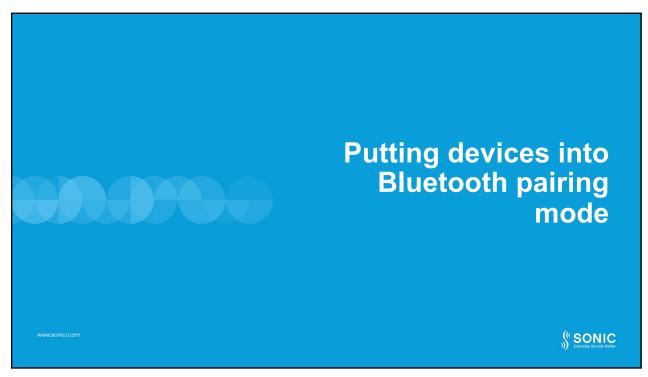
#### RC-A

- RC-A will be printed on the back of the device
- 2x AAAA batteries
  - RC-A battery life is up to one year with normal use
- 6 ft / 1.8 m transmission range
- Keylock functionality available









### Non-Rechargeable

- Ensure batteries are fresh and hearing aids have been programmed together in fitting software
- Open and close battery doors and wait for start up indicator



 Hearing aids will be in pairing mode for approximately 3 minutes

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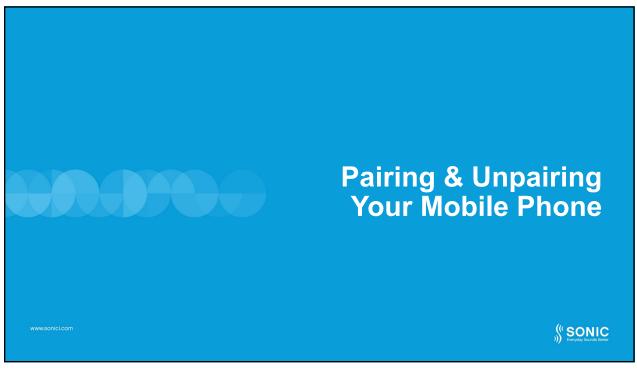
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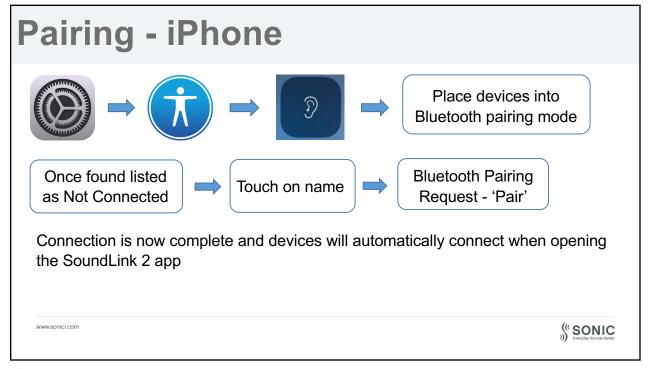
# Rechargeable (Li Ion)

- Ensure batteries are charged and hearing aids have been programmed together in fitting software
- Two options for rebooting hearing aids
  - Place hearing aids in and out of charging unit
  - Press and hold push button (top or bottom) for 5 seconds to shut aids down, to reboot press and hold bottom push button for 5 seconds
- Hearing aids will be in pairing mode for approximately 3 minutes









# **Unpairing - iPhone**



Scroll to bottom of screen – 'Forget this device' – removed from both MFI settings and SoundLink 2 app

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# **Pairing-Android**

\*\*Devices are paired directly through the app\*\*

Download and Install SoundLink 2 app

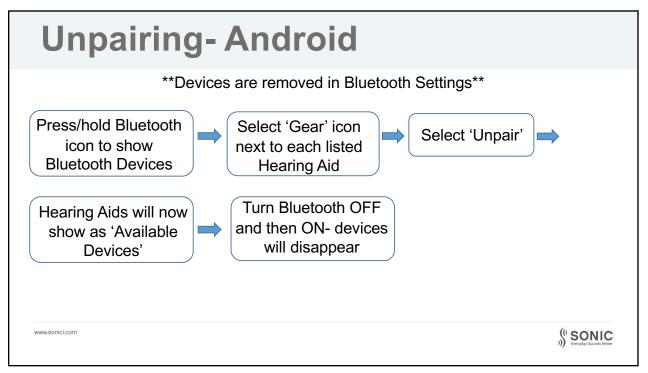


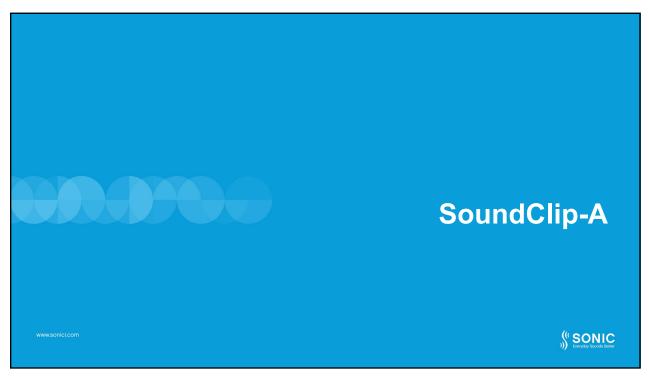
Open app and place devices into Bluetooth pairing mode

Once found device name will be listed- Touch on 'Pair' - Devices will then connect

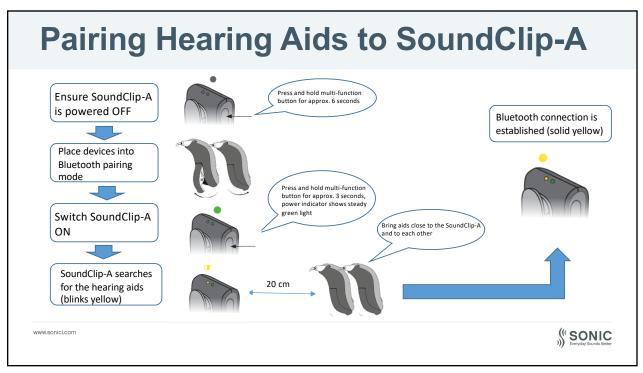


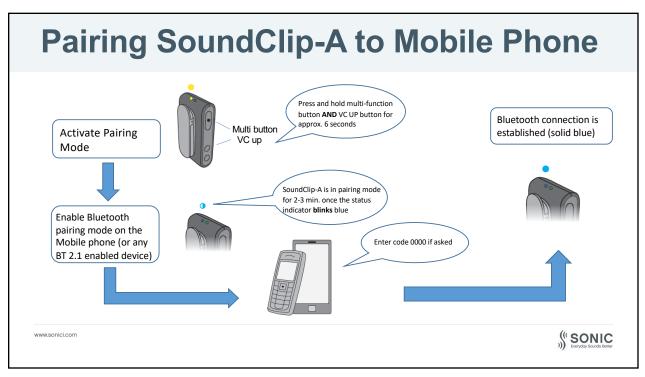














# Pairing with the TV-A

- Close proximity pairing (initial pairing)
- Fast and easy
- Make sure TV-A is powered on

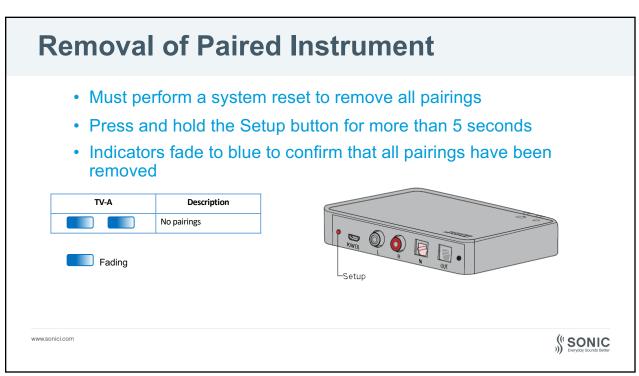


- Both power and TV indicators will be fading Blue
- Pairing is complete when power and TV indicators are blue for about 30 seconds
  - Power and TV indicators will be solid Blue for 30 seconds and then Power indicator will turn solid Red















# Pairing with the RC-A

- Close proximity pairing
- No need to pair in EXPRESSfit® Pro
- Place hearing aids into pairing mode and position 6-8 inches from RC-A
- Press and release any button to complete pairing
  - Status light will turn solid Green for 10 seconds



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#### **Removal of Paired Instrument**

- RC-A can only be paired to one set of devices at a time
- Must clear RC-A if necessary to pair to different devices
- To clear pairing press and hold all three buttons for 5 seconds
  - Status light will turn sold Green for 10 seconds when cleared

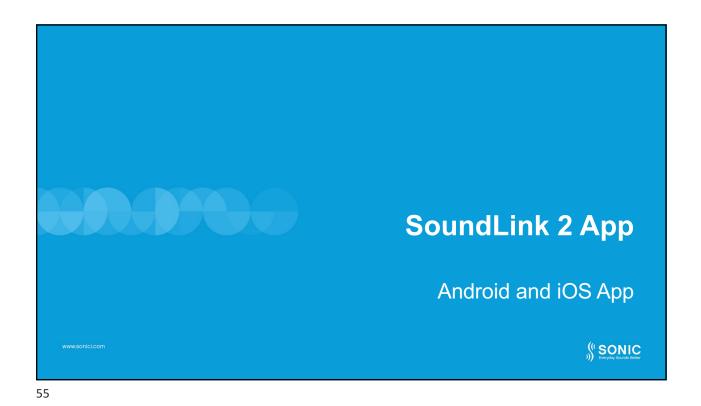


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SoundLink 2 Overview

Modify Tinnitus Sound
Support program

Available for iOS and Android™ devices

Remote control functionality



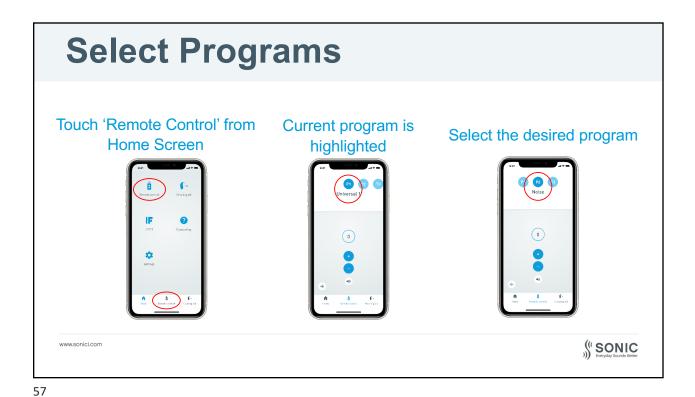
Activate streaming from TV-A Change volume of the TV-A

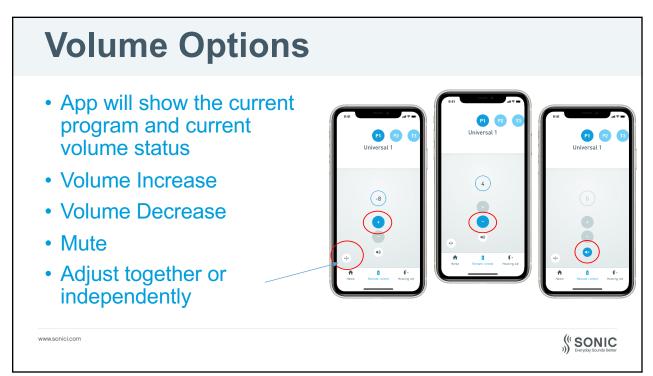
Activate streaming from SC-A Change volume of the SC-A

Access the Internet of Things (IFTTT)

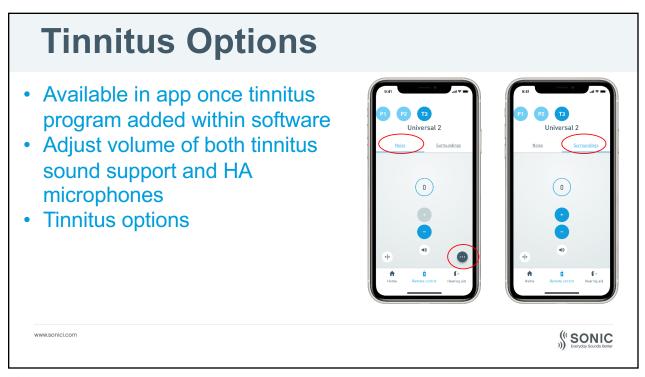




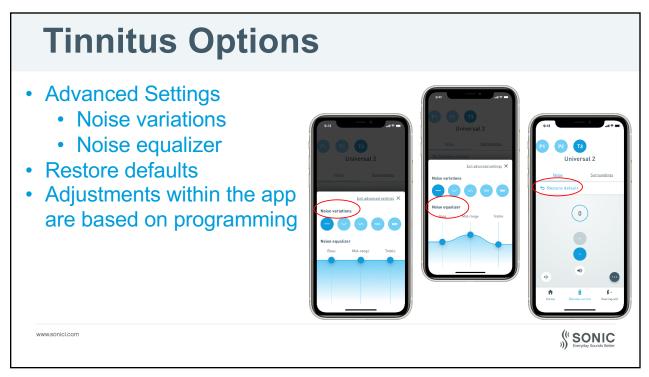


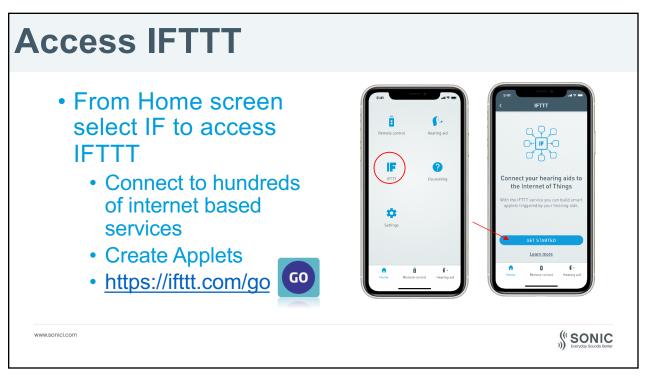


# SoundClip-A Place near desired sound source Will transmit the sound directly to the hearing instruments Adjust volume of both SC-A and HA microphone

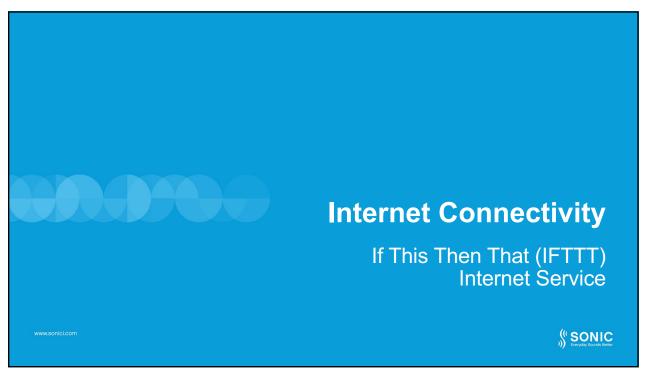


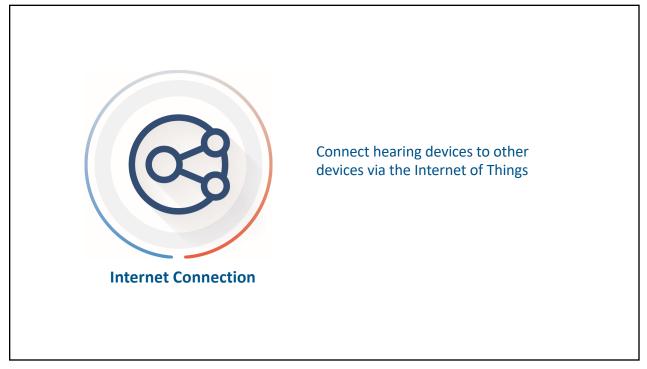












# If This Then That (IFTTT)

- Internet-based service
- Hundreds of internetconnected devices and services
  - · 'Internet of Things'
- Connect various services, apps and devices to create 'recipes'

 Every day a new company enters the IFTTT world, offering greater opportunities



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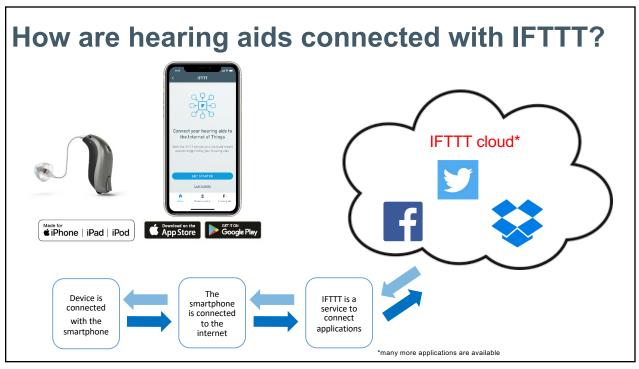
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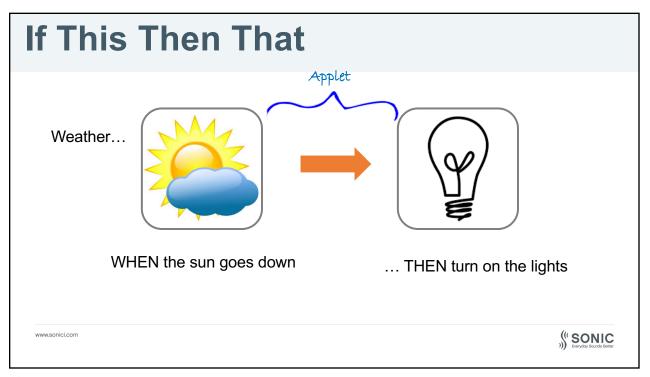
#### Sonic devices and IFTTT

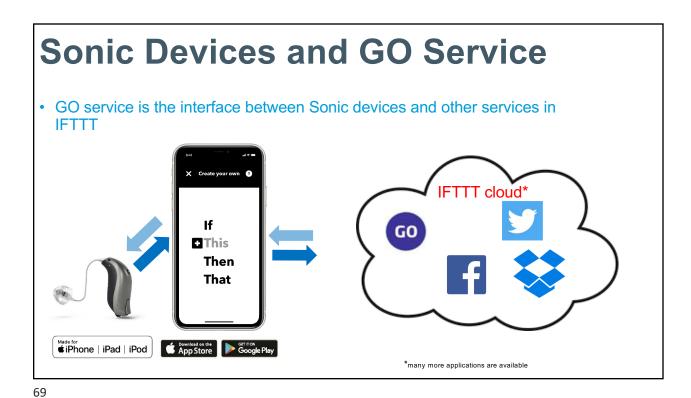
- All devices with 2.4 GHz
- Capable of connecting to various services and products
- Compatible iPhone<sup>®</sup>, iPad<sup>®</sup>, iPod<sup>®</sup> and Android<sup>™</sup> devices
- IFTTT is <u>only</u> accessible via SoundLink 2 app on the smartphone or tablet
  - Without the app, device cannot be connected to the internet
  - Must set up an account within IFTTT
  - Smartphone/tablet needs to be connected to the internet











**GO Service: Available Triggers and Actions** https://ifttt.com/go **GO Triggers GO** Actions Program has changed Set a program Battery is low Increase the volume Connection to Bluetooth® device is lost Decrease the volume Connection to Bluetooth® device is Play the text to speech established Set the volume Mute state is changed Volume is changed Power is on www.sonici.com SONIC Sounds Retter

# **Triggers and Actions**

#### Applet using a GO Trigger

- If the hearing aid batteries are low, then send me a text message
- If the hearing aid is turned on, then send me a text message

#### Applet using a GO Action

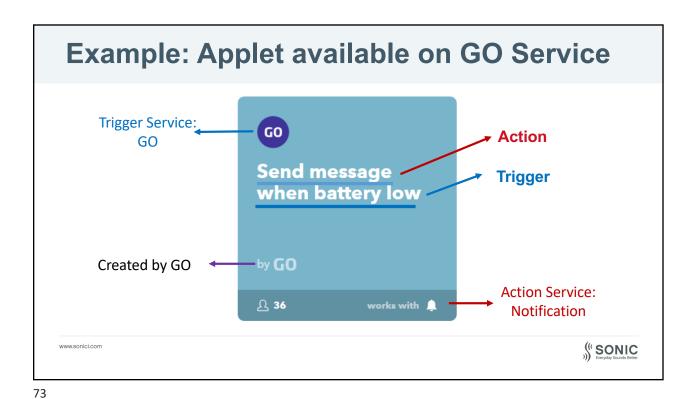
- When I arrive at work, then change the program in my hearing aids
- If motion is detected on my video doorbell, then play text to speech

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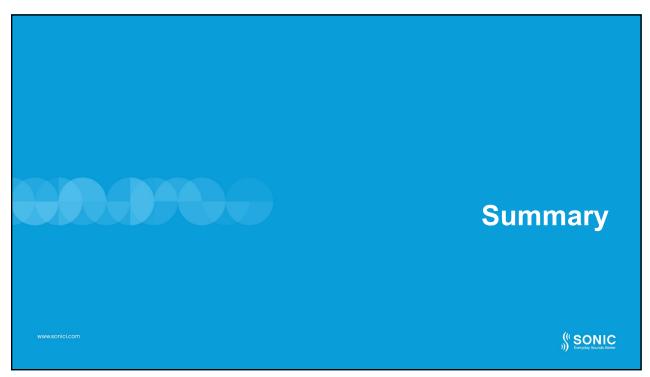


# **Benefits of IFTTT**

- Growing number of devices are internet connected
- Hearing aid is a part of this internet-based world
- Offers convenience and individualization









#### **Sonic and Connectivity**

- Full line of both custom and behind-the-ear products boasting full Bluetooth connectivity options
- Standard WL in BTE products, optional WL in custom products
- 2.4 GHz Direct-to-ear streaming to iPhone with no intermediary device
- SoundClip-A available for Android streaming, hands free use of phone and remote mic functionality
- Easy pairing between accessories and hearing aids
- Hassle-free connectivity
- Convenience and individualization

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#### **Thank You!**

 Thank you so much for joining us today!



SoundDNA Platform

- If you have any questions...
  - 888.423.7834
  - www.sonici.com
  - support@sonici.com

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