Dossant

● RECAP™

Model S

User Manual

Safe and proper use

Before using RECAP, read this manual carefully to ensure you know how to operate it properly. Keep this manual in an easy accessible location for future reference

General Precautions

- Do not leave RECAP in hot, humid locations such as inside a closed automobile under direct sunlight
- Do not store RECAP in places exposed to excessive moisture or dust
- Do not use organic solvents such as alcohol, acetone and lacquer thinner to clean the unit.
- Avoid sand or dirt. These can cause irreparable damage
- Avoid strong vibrations or shock
- Do not disassemble, repair or modify the unit unless otherwise specified in the manual
- Keep the unit out of the reach of children
- Do not operate the unit while operating a vehicle

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Main Features

RECAP provides the following features:

- RECAP converts phone headset audio into an external microphone format.
- RECAP MODEL S output format is stereo microphone
  - Headset MIC audio is converted into Left MIC Channel **(red)**
  - Headset speaker audio is converted into Right MIC Channel **(green)**
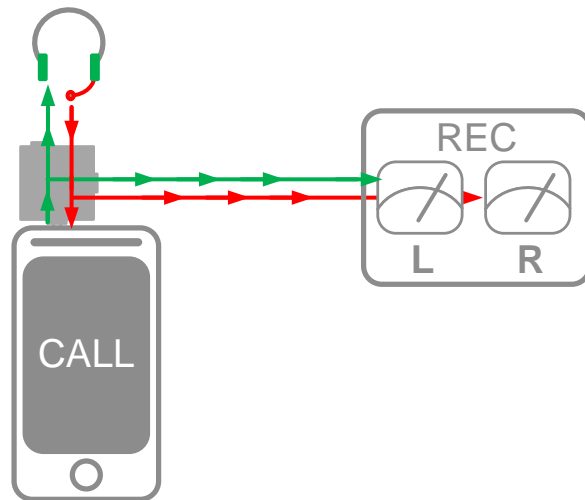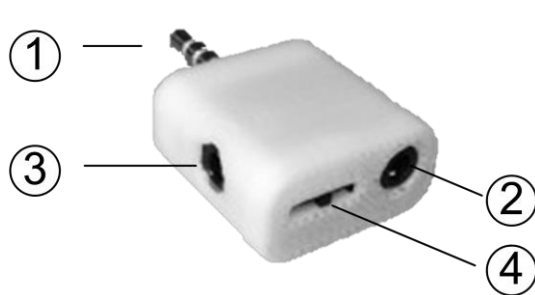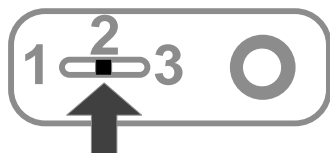

Figure 1: Audio Flow out of RECAP model S
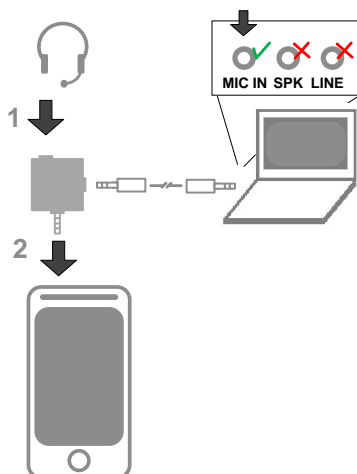
Identification of Parts

1 Phone plug
2 Headset jack
3 MIC Output jack
4 Phone Type Switch
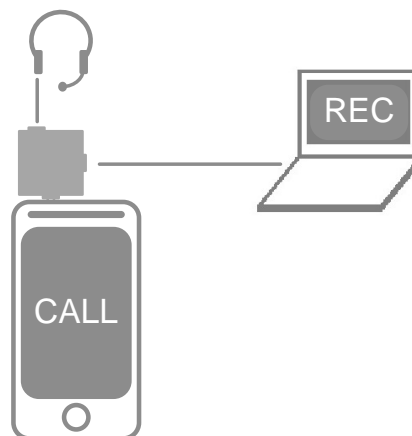**5 Connection cord** (included)

RECAP Quick Start Guide

STEP 1
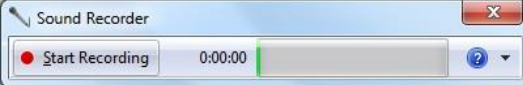
STEP 2

STEP 3

1 set	**Set** RECAP's phone type switch to the **center** position. Most new phones use this standard. Use a pen or paper clip to move the switch the proper position.	Phone Type 1 OMTP Standard 2 AHJ Standard 3 (reserved)
2 connect	**Connect** Perform connections as indicated in diagram.	
3 record	**Record** Start the sound recording application on your computer. Use your favorite software.	Sound Recorder ● Start Recording 0:00:00

Recording in a PC

Start the sound recording application on your computer. Use your favorite software.

Windows 7 comes with Sound Recorder, here's how to find it:
Start Menu → All Programs → Accessories → Sound Recorder

OR
Start Menu → type "sound recorder"
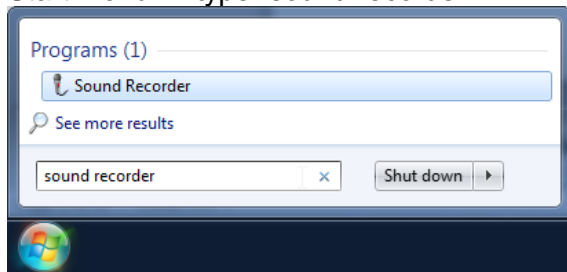
Sound recorder is very simple:

For recording software with more features, you may use **Audacity**.

Audacity is a Free Audio Editor and Recorder for Windows®, Mac®, GNU/Linux® and other operating systems.

Figure: Screenshot of Audacity

Supported Devices

Phone

RECAP works with iPhone, Android and virtually any cell phone available.
It can be configure to work with AHJ and OMTP combo ports. Use the switch to select the phone type.
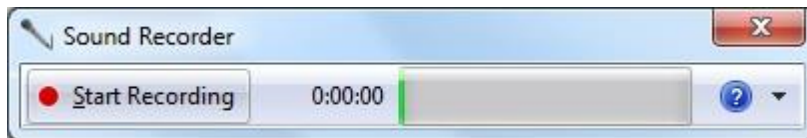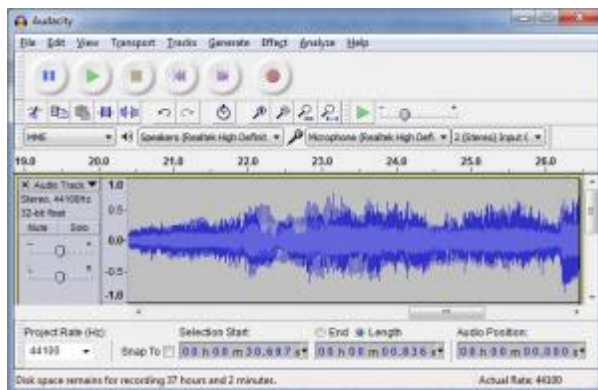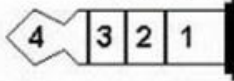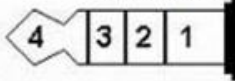
As a reference here's the connector configuration for each one of the setting.

Position 1   Position 2

OMTP Connector		AHJ Connector	
PIN	Description	PIN	Description
1	Ground	1	Microphone
2	Microphone	2	Ground
3	Right Side Earpiece	3	Right Side Earpiece
4	Left Side Earpiece	4	Left Side Earpiece

Note: New phones such as iPhone and Android have a AHJ connector. Older phones may have OMTP connector

Note 2: Switch position 3 is reserved for future use. Do not use it.

Headset

Use a headset that is compatible with phone in use. Please test your headset with your phone to ensure your headset works in your phone.

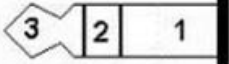**Note:** distance of microphone to mouth will affect the sound amplitude captured by RECAP

Note: if no headset is connected, recap will not capture the audio properly.

Recording device

RECAP sound output act like a standard external microphone compatible with a PC.

A standard PC microphone has the following pin configuration:

PIN	Description
1	Ground
2	Right Microphone
3	Left Microphone

Use a connection cord (provided) to connect the RECAP MIC output with the PC MIC input.

Other devices instead of a PC can be used to receive RECAP's output sound. A compatible device shall have the pinout configuration shown above.

Note: LINE IN ports are not compatible with RECAP's output. LINE IN do not have the required bias voltage to power RECAP electronics.

Note 2: Do not use RECAP with MIC IN lines with phantom power found in professional recording equipment such as mixer tables. They will damage RECAP

Sound output to other devices

RECAP was designed to output sound into a standard stereo microphone input. Here's a quick overview of devices and compatibility considerations:

Voice Recorders

Verify in Voice Recorder user manual it accept an Stereo External Microphone

Note: some Voice Recorder can be configured with a monaural (mono) or stereo MIC input. Make sure you set it to Stereo.

Note2: some Voice Recorder can be configured as a MIC input or Line in. Make sure you set it to MIC IN

MAC computers

- RECAP work with MAC that support an external stereo MIC
- Visit RECAP website for MAC compatibility guide

Note: Mac with a single audio connection likely have a combo port

Note 2: Mac with an audio input jack, may actually be a Line In instead a MIC in

In the absence of a MIC in port, consider adding an USB MIC IN adapter (see MAC guide)

Mixer Tables

Warning: never user RECAP with a +48v phantom power of a mixer table. That may damage RECAP as devices connected to it.

Mobile Devices

- RECAP output cannot be connected to a mobile device (iPhone, iPad or Android) because those devices have combo ports. RECAP require a standard mic port

Splitter Cables

- There's no supported splitter cables

Troubleshooting

Symptom	Probable Cause	Action
No sound on PC	RECAP connected to PC's wrong port	Connect to port label MIC IN.
Not working on MAC	Not every MAC has stereo MIC in port	Visit RECAP website and see MAC compatibility guide

For more solutions to common issues visit RECAP's website

Accessories

Connection Cord: Used to connect the MIC Output jack of this unit to a MIC input device. RECAP ships with a 3.5mm male to male 1m cord. Replacement can be found at any major audio retailer.

Specifications

Phone Plug:
  3.5mm mini-jack, 4-pole
  Sleeve: mic
  Ring-Sleeve: ground
  Ring-Tip: left channel
  Tip: right channel

Headset jack: 3.5mm mini-jack, 4-pole

MIC output Jack: 3.5mm mini-jack, 3-pole
  Sleeve: ground
  Ring: impedance 1kohm
  Tip: impedance 1kohm
  MIC input bias voltage: 700-2000mV

External Dimensions   26.5 x 25.5 x 13 mm (without protrusions)

Weight   8.5g

- Specifications and design subject to change without notice

Technical Assistance and Support

The contact information for RECAP is via the website www.RecapMycalls.com

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- This product is designated for separate collection at an appropriate collection point. Do not dispose of as household waste.

- For more information the local authorities in charge of waste management.

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