

**AVerMedia**

# RECentral Mac I675

English

# User Manual

# RECentral Mac

---

**RECentral Mac** is your one and only companion in HD video capturing. The interface is stylish, easy to use, and gives you easy access to all the essential features in video capturing, utilizing the full functionality of your capture device.

You will be able to view the video being captured, the remaining time available on your storage disk, take a snapshot, or open the finder to view recorded videos directly from the main screen. The following sections will guide you through all the features of **RECentral Mac**.

## Disclaimer

**All screenshots in this documentation are example images only. The images may vary depending on the product and software version.**

Information presented in this documentation has been carefully checked for reliability; however, no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.

## Copyright

©2014 AVerMedia Technologies, Inc. All rights reserved.

No part of this document may be reproduced or transmitted in any form, or by any means (electronic, mechanical, photocopying, recording, or otherwise) without prior written permission of AVerMedia Technologies, Inc.

Information in this document is subject to change without notice. AVerMedia Technologies, Inc. reserves the right to modify, change, improve or enhance its products and to make changes in the content without obligation to notify any person or organization of such changes. Please visit [avermedia.com](http://avermedia.com) to get the updates of the operation and use of AVerMedia products.

**AVerMedia®** is the trademark and logo of AVerMedia Technologies, Inc. Other trademarks used herein are for description purposes only, and belong to their respective owners.

## International Headquarters

Address: No.135, Jian 1st Rd., Zhonghe Dist., New Taipei City 23585, Taiwan

Website: [www.avermedia.com](http://www.avermedia.com)

Telephone: +886-2-2226-3630

Business Inquiries: [AVT.Sales@avermedia.com](mailto:AVT.Sales@avermedia.com)

# Getting Started

## Interface Overview

This is the interface of **RECentral Mac**:



No.	Name	Descriptions
1	Preview Window Toggle Switch	Toggles the preview window on/off
2	Function Buttons Area	Function buttons for the selected mode
3	Display Area	Display area for info and warnings in the selected mode
4	Mode Dial	Switches between the 4 main modes: Record, Snapshot, Settings, and File Management. Selected mode will spin to the top
5	Central Button	Function button for the selected mode

The **RECentral Mac** interface changes depending on the mode selected. Use the Mode Dial to switch between the 4 main modes:



**Record Mode**  : Interface for video recording. This is the default interface upon startup.

**Snapshot Mode**  : Interface for capturing snapshots.

**Settings Mode**  : Interface for adjusting settings.

**File Management Mode**  : Interface for file management.


## Preview Window

The Preview Window is where the video input can be viewed. Click on  to open the Preview Window, click on  again to close the Preview Window.



No.	Name	Descriptions
1	Fullscreen Button	Switches to fullscreen view
2	Preview Screen	Preview of the video being transmitted to the capturing device
3	Audio Button	Quick access button to switch the sound on/off

## Fullscreen Preview


Click on  or double-click on the Preview Screen to enter Fullscreen Preview. Double-click again on the screen to exit Fullscreen Preview.



No.	Name	Descriptions
1	Fullscreen Preview	Fullscreen view of the video being transmitted to the capturing device
2	Mini Control Panel	<b>Remaining Time:</b> Displays the remaining recording time available on the selected storage media <b>Record:</b> Starts recording videos <b>Snapshot:</b> Takes a snapshot of the video <b>Microphone:</b> Switches connected microphone on/off <b>Audio Input:</b> Switches the sound on/off

For more information on recording videos, see the next section.

## Record Mode





Click on  on the Mode Dial to switch to Record Mode. This is the mode used for recording videos, it is selected by default on startup. The interface alternates between the Standby Panel when not recording and the Recording Panel while recording videos.

### Standby Panel



No.	Name	Descriptions
1	Profile Switching Button	Toggles between video resolution profiles.
2	Microphone Button and Volume Meter	Switches the connected microphone on/off. The Volume Meter displays the audio signal level received by the microphone
3	Microphone Volume Button	Shows/hides a lever to adjust the microphone volume
4	Remaining Time	Displays the available recording time remaining on the selected storage media
5	REC Button	Starts recording

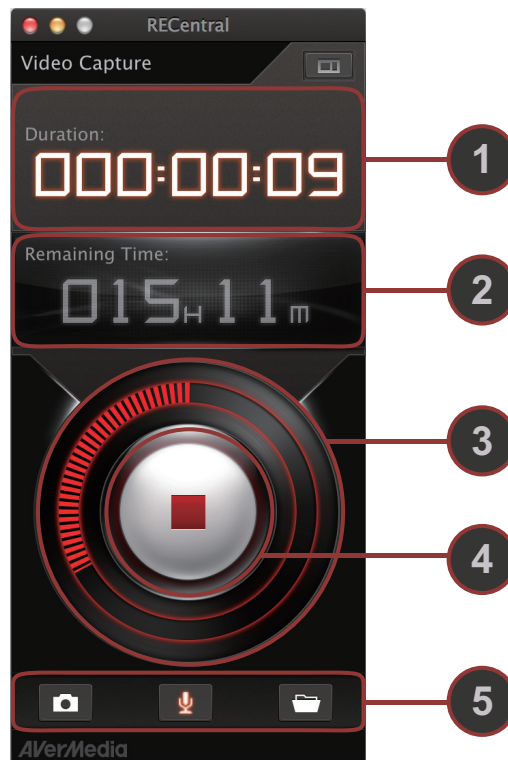
**Profile:** Click the button to switch between a number of preset video resolution profiles.

**Microphone:** Click on  to turn Microphone on, click on  again to turn Microphone off. When Microphone is turned on, voice input from the microphone will be recorded into the video. The volume can be adjusted by clicking on  and dragging the lever . Drag the lever right to increase the volume, drag it left to decrease the volume. You can check the Volume Meter at any time for the audio signal level.

**Remaining Time:** Displays the available recording time remaining on the selected storage media. **RECentral Mac** calculates the remaining time based on the remaining disk capacity on the selected storage media. The format is [#Hours]<sub>H</sub> [#Minutes]<sub>M</sub>.

**REC Button:** Click the button to start recording. The interface alternates to the Recording Panel as recording begins.

## Recording Panel





No.	Name	Descriptions
1	Duration	Displays current length of the video
2	Remaining Time	Displays the remaining recording time available on the selected storage media disk space on the selected storage media
3	Capacity Ring	Displays the available disk space (highlighted in red) in proportion to the total
4	Stop Button	Stops recording
5	Function Buttons	<b>Snapshot:</b> Takes a snapshot of the video <b>Microphone:</b> Switches connected microphone on/off <b>File Management:</b> Opens the file manager to view saved videos

**Duration:** Displays the length of the video recorded. The format is [#Hours]:[#Minutes]:[#Seconds].

**Capacity Ring:** The Capacity Ring is a circular meter that indicates the percentage of available disk space on the selected storage media. Available disk space are displayed in bright orange-red marks, each mark representing 1% of the total disk space. As more disk space are used up, the marks disappear clockwise from the top.

### Function Buttons:


**Snapshot:** Click on  to take a snapshot of the video

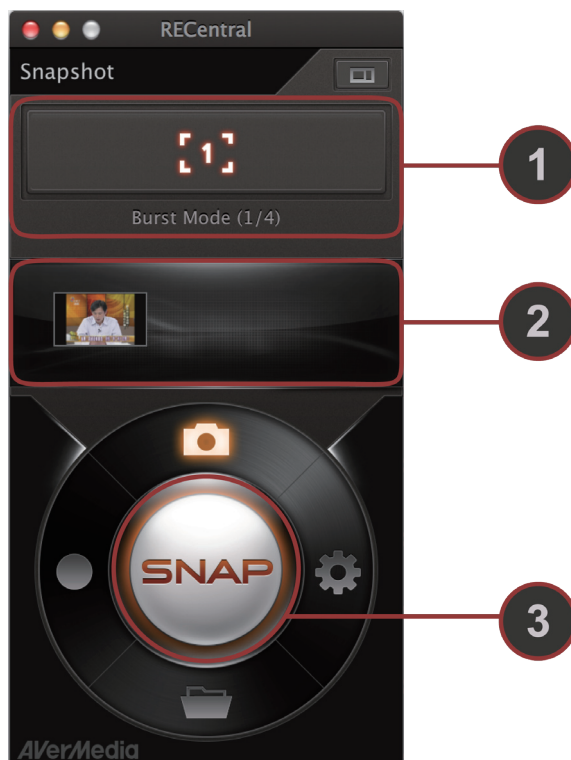
**Microphone:** Click on  to switch the microphone on/off

**File Management:** Click on  to open the file manager





**Stop Button:** Click the button to stop recording. The interface alternates back to the Standby Panel after recording stops.

## Snapshot Mode

Click on  on the Mode Dial to switch to Snapshot Mode. Select this mode to take snapshots from the video source.




No.	Name	Descriptions
1	Burst Mode Button	Displays current Burst Mode, click to switch between different Burst Modes (1, 3, 6, or 12 images per click)
2	Gallery Window	Preview snapshots captured in the current session
3	SNAP Button	Takes snapshots

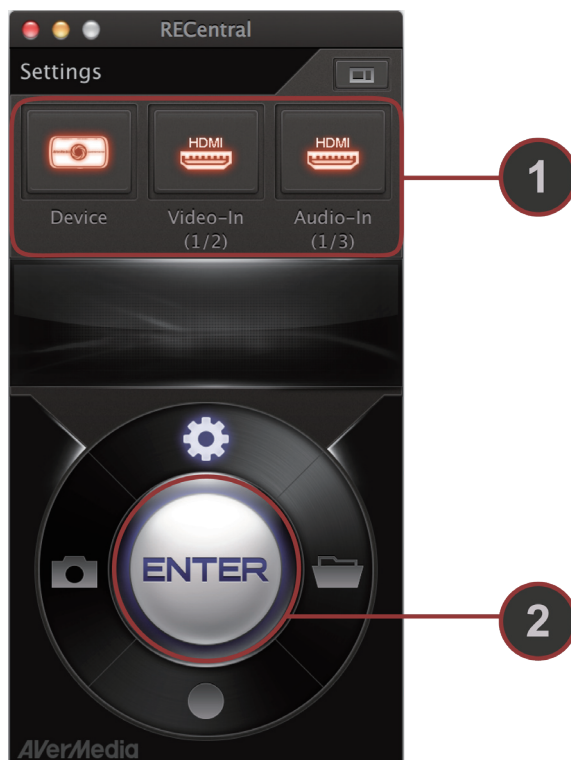
**Burst Mode:** Burst Mode gives you the option of taking multiple snapshots in quick succession. Burst Mode is turned off by default (captures 1 image per click). The button shows the current Burst Mode, and clicking on the button cycles you between , , , and  burst modes.

**Gallery Window:** Previews of captured snapshots are displayed here. Double-click on the preview to open the image in picture viewer.

**SNAP Button:** Click the button to take snapshots from the video source.

## Settings Mode

Click on  on the Mode Dial to switch to the Settings Mode. You can adjust various settings in this mode.



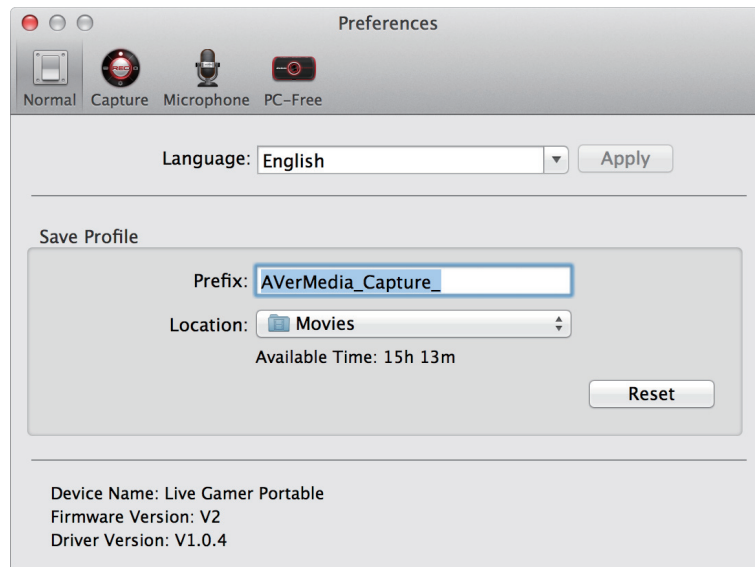
No.	Name	Descriptions
1	Quick Settings Buttons	Displays current selections of capture device, video source, and audio source, click on each button to switch between available sources
2	ENTER Button	Opens the Preferences window

**Video Source Selection:** Click on  to switch between video sources.

**Audio Source Selection:** Click on  to switch between audio sources.

**ENTER Button:** Click the button to open preferences window for more detailed settings. Detailed settings are described below.

## 1. Basic Settings



**Language:** Select the language used in **RECentral Mac** interface.

**Prefix:** Set the prefix of recorded video files.

**Location:** Set the location where video files will be stored.

**Device information:** Information of the connected device will be displayed here.

## 2. Capture Settings

### 2.1 Signal Settings

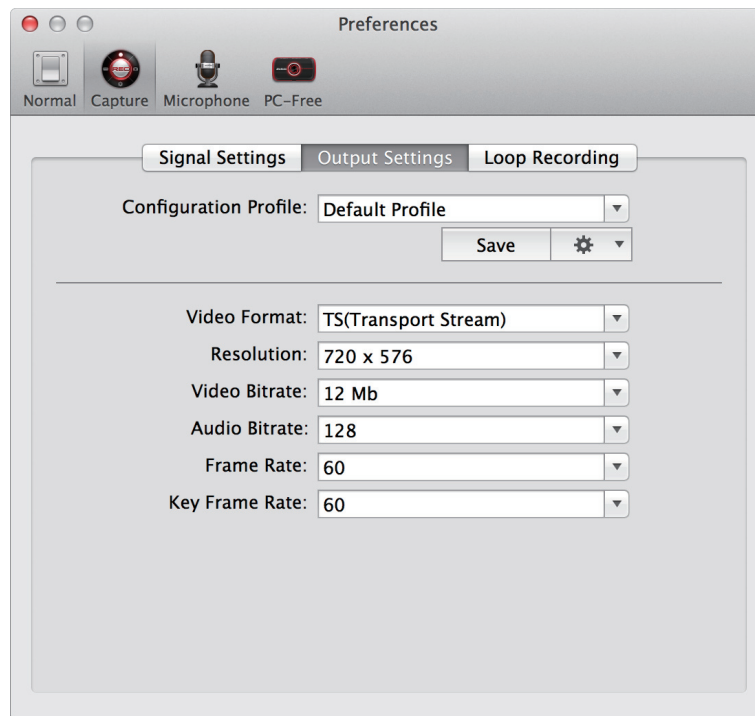


**Video Source:** Select the video signal source to record from.

**Audio Source:** Select the audio signal source to record from.

**Video Adjustment:** Select to enable Color Adjustment.

## 2.2 Output Settings



**Configuration Profile:** Select or create new video output profiles. Click on the gear icon to Add, Rename, or Delete profiles.

**Video Format:** Select the format of the video output files.

**Resolution:** Select the resolution of the video output files.

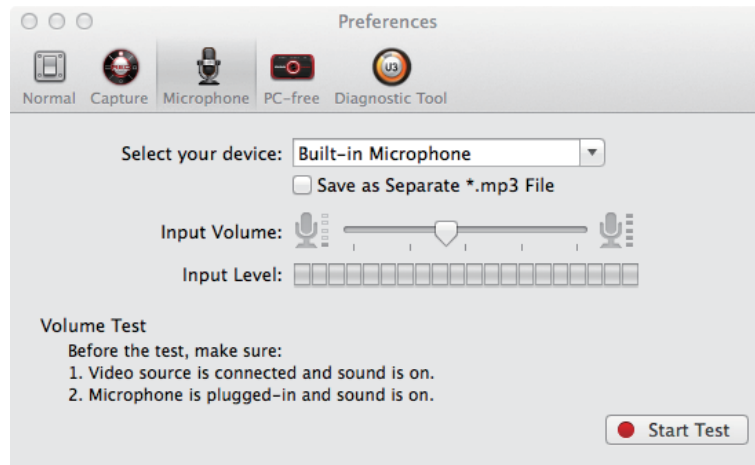
**Video Bitrate:** Select the video bitrate of the video output files.

**Audio Bitrate:** Select the audio bitrate of the video output files.

**Frame Rate:** Select the frame rate of the video output files.

**Key Frame Rate:** Set how often key frames are sent.

### 3. Microphone Settings



**Microphone:** Select the microphone from which external audio will be recorded.

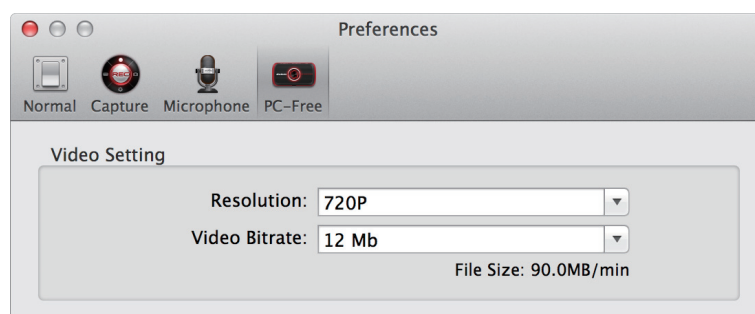
**Save as Separate \*.mp3 File:** Tick the checkbox to save external audio as separate mp3 files.

**Input Volume:** Use the lever to adjust the input volume of the microphone.

**Input Level:** Check the current level of input volume.

**Volume Test:** Click Start Test to conduct a volume test.

### 4. PC-Free Settings



**Resolution:** Select the resolution of the video output when not recording to PCs.

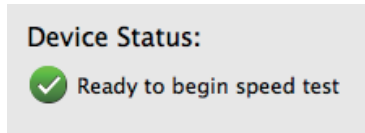
**Video Bitrate:** Select the bitrate of the video output when not recording to PCs.

## 5. Speed Test

This diagnostic tool helps test the speed of your USB 3.0 port and determine whether it is capable of recording videos at your desired resolution.

### 5.1 Begin test

Connect your capture box to the USB 3.0 port. Check that the device is ready.



Click Begin Test.





## 5.2 Diagnosis Mode Selection

Select the diagnosis mode and click Next. In most cases, Standard Mode is recommended, only use Safe Mode if the screen becomes unstable or flickers.

### Diagnosis Mode Selection

---

☒  **Standard Mode (Recommended)**  
Performs speed test based on the system specs and provides the recommended recording resolution.

☐  **Safe Mode**  
Only recommended when screen is not displaying properly.

If Safe Mode is selected, select Enable or Disable and click Next.

### Safe Mode

---

If the preview or record screen flickers or becomes unstable, enable the Safe Mode reduces the frame rate by 50% to support the source resolution and ensure the quality of recordings.

☒ Enable

☐ Disable

## 5.3 Test Results








Check the **Show detailed list** checkbox to see all supported resolutions.

### Result: Fully Supported

---

The system fully supports the resolutions of the capture box.

☒ Show detailed list

Support Status of Source Resolutions	
Resolution	Support Status
1920x1080/60p	
1920x540/60p	
1920x1080/50p	
1920x540/50p	
1920x1080/30p	
1920x1080/25p	
1920x1080/24p	

\* Test results may vary depending on the computer devices used.

## 5.4 Frame Rate Converter

If only some of the resolutions are supported, you may turn on the Frame Rate Converter to increase supported resolutions.

### Result: Partially Supported

Frame Rate Converter

Off

On

Reduces the frame rate by 50% to improve the support status of source resolutions.

Some resolutions are not supported, see the detailed list for more information.

☒ Show detailed list

Resolution	Support Status
1920x1080/60p	⚠
1920x1080/50p	⚠
1680x1050/60p	⚠
1920x540/60p	✓
1920x540/50p	✓
1920x1080/30p	✓
1920x1080/25p	✓

\* Test results may vary depending on the computer devices used.

OK

Test Again

### Result: Partially Supported

Frame Rate Converter

Off

On

Reduces the frame rate by 50% to improve the support status of source resolutions.

Some resolutions are not supported, see the detailed list for more information.

☒ Show detailed list


Resolution	Support Status
1920x1080/60p -> 30p	✓
1920x1080/50p -> 25p	✓
1680x1050/60p -> 30p	✓
1920x540/60p -> 30p	✓
1920x540/50p -> 25p	✓
1920x1080/30p -> 15p	✓
1920x1080/25p -> 12p	✓

\* Test results may vary depending on the computer devices used.

OK

Test Again

## File Management Mode

Click on  on the Mode Dial to switch to File Management Mode. Use this mode to set up file path or access recorded files.



No.	Name	Descriptions
1	Path Set Up Button	Displays the current folder where recordings are saved, click to change the location
2	VIEW Button	Opens Finder to view recorded videos

**Save Path:** Click on the Path Set Up Button to change the location where recorded videos are saved.

**VIEW Button:** Click the button to open Finder and view recorded videos.