



#### **QuickStart Guide**

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#### Introduction

Thank you for purchasing ONE. This QuickStart guide describes how to set up ONE with your Mac and iPad, connect headphones to play back music and record your own creations with the built-in mic, an external mic or an electric instrument.

#### ONE

#### The first studio-quality audio interface and microphone for iPad, iPhone and Mac

The Apogee ONE is the first studio quality microphone and USB audio interface for iPad, iPhone and Mac. ONE is designed for easily creating professional and amazing sounding recordings on your iPod touch, iPhone, iPad or Mac. Using Apogee's premium AD/DA conversion, ONE produces pristine music, podcast, and voice-over recordings while also delivering audiophile quality sound to your headphones.

#### Package contents

#### The following items are included in the ONE box:

- ONE
- Breakout cable with:
  - 1 XLR Mic input
  - 1 1/4" Instrument input
- Microphone stand clip
- USB cable
- 30-pin iOS cable
- Universal power supply with NA, EU, UK, AU, JP
- QuickStart guide

Software, firmware and the ONE User's Guide are available online only. Please register your product and download the latest installer here:

http://www.apogeedigital.com/downloads



### **ONE Panel Tour**



#### **Optional Battery Power**

When connecting to iPad, iPhone or iPod touch, ONE's optional battery power provides complete portability. Simply remove the lid from the battery compartment on the back of ONE and insert 2 AA batteries (not included).



Apogee highly recommends NiMH rechargeable batteries for the maximum amount of uninterrupted recording time.

Alternatively, you can connect ONE's included power supply to charge your iOS device and continuously power ONE without any batteries.

## Connecting to your Mac

## **System Requirements**

- Computer: Intel Mac 1.5GHz or faster
- Memory: 2 GB RAM minimum, 4 GB recommended
- OS: 10.6.8 or greater
- Connection and power: Any available USB port on a Mac
- USB bus powered; DC power optional (DC power supply included)

## Install ONE Software

- 1. Connect ONE's USB port to a USB port on your Mac using the supplied USB 2 cable.
- 2. Go to http://www.apogeedigital.com/downloads.php.
- 3. Download the latest ONE software installer.
- 4. Once you have downloaded the package, double-click the Apogee icon to run the firmware updater.
- 5. After the firmware update has completed, double-click the open-box icon to run the software installer.
- 6. You will be required to restart your computer after the install is complete.

### **Choosing ONE for Mac Sound I/O**

After connecting ONE, installing the software and restarting your Mac, a dialog box will prompt you to choose ONE for Mac sound input and output. **Click Yes.** 

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Nould you lil	ke to choose ONE for I	lac sound input and ou	utput?

#### **Connect to Headphones or Speakers**

Connect headphones to the 1/8" output jack on ONE's front panel.

Alternatively, you can connect ONE's output to speakers by using an adapter cable. The cable should go from a stereo 1/8" connection (from ONE) to two separate connectors suitable for your speakers (1/4", RCA, etc.).

## **Configuring the Input**





ONE offers the following choices for up to 2 simultaneous inputs:

- Built-in microphone
- Built-in microphone + 1/4" instrument
- XLR microphone
- XLR microphone + 1/4" instrument
- 1/4" instrument

When using an XLR microphone or 1/4" instrument, connect to ONE's breakout cable.



Open Apogee Maestro software (found in your Mac's Applications folder), and select the Input tab.



Select the Analog Level setting that corresponds to the microphone source you'd like to record. For example, if you have a microphone connected to the XLR connection on the breakout cable, select "Ext Mic" from the Analog Level menu on channel 1. If you would like to utilize ONE's built-in microphone, select "Int Mic". By default, the 1/4" instrument input is the selected source for Channel 2.

Note: If you are using a condenser microphone that requires phantom power, select "Ext Mic 48V". Phantom power is indicated on ONE's display by a red dot above the microphone icon.





## Connecting to your iPad

### **System Requirements**

- iPhone 4, iPhone 4S, iPad, iPad 2, iPad (3rd gen.)
  - Connection: 30-pin dock connector
- iPod Touch (5th gen.), iPhone 5, iPad (4th gen.), iPad Mini
  - Connection: Apple's Lighting to 30-pin adapter (sold separately)
- iOS version: 5.1.1 or greater
- Power supply or two AA batteries required

#### Install Maestro from App Store

1. Connect the provided external power supply to ONE or insert 2 AA batteries. Note: The iPad will not be charging when using ONE's battery power.

2. Connect ONE to your iPad/iPhone using the provided 30-pin iOS cable.

3. On the iPad/iPhone, open Settings and choose General > About > ONE, then choose "Find App for Accessory".



The App Store will open and navigate automatically to the Apogee Maestro app.

Pad 🗢	For 1	1:56 PM This Accessory
Apogee Maestro Music ****** (5)	INSTALL	
	Redeem	Apple ID: itunes@apogeedigital.com

4. Once you've signed in to the App Store, click INSTALL to download Apogee Maestro.

Note: it's possible to record through the built-in microphone and play back audio without installing Maestro.

#### **Connect to Headphones or Speakers**

Connect headphones to the 1/8" output jack on ONE's front panel.

Alternatively, you can connect ONE's output to speakers by using an adapter cable. The cable should go from a stereo 1/8" connection (from ONE) to two separate connectors suitable for your speakers (1/4", RCA, etc.).



#### **Configuring the Input**



ONE offers the following choices for up to 2 simultaneous inputs:

- Built-in microphone
- Built-in microphone + 1/4" instrument
- XLR microphone
- XLR microphone + 1/4" instrument
- 1/4" instrument

When using an XLR microphone or 1/4" instrument, connect to ONE's breakout cable.



Open Apogee Maestro app, choose ONE from the main menu and select the Input tab.





Select the Analog Level setting that corresponds to the input source you'd like to record. For example, if you have a microphone connected to the XLR connection on the breakout cable, select "Ext Mic" from the Analog Level menu on channel 1. If you would like to utilize ONE's built-in microphone, select "Int Mic". By default, the 1/4" instrument input is the selected source for Channel 2.

Note: If you are using a condenser microphone that requires phantom power, select "Ext Mic 48V". Phantom power is indicated on ONE's display by a red dot above the microphone icon.



Adjusting Input & Output Levels - Apogee ONE QuickStart Guide

# Adjusting Input & Output Levels

## Input level

To change ONE's input level (i.e the preamp gain of microphones and instruments):

- Push the Controller Knob until the built-in microphone, external microphone or instrument icon is lit on the ONE's display.
- 2) Turn the Controller Knob until the desired recording level is obtained.







The controller knob operates in parallel with Maestro's input controls.

#### Headphone/Speaker Output level

To change ONE's output level (i.e the listening level of connected headphones or speakers):

- 1) Push the Controller Knob until the speaker icon is lit on the ONE's display.
- 2) Turn the controller knob to the desired listening level.







The controller knob operates in parallel with any software output controls.

Software Setup - Apogee ONE QuickStart Guide



#### Mac OS: Using ONE with Logic

1) Go to the Logic Pro or Logic Express menu and choose **Preferences > Audio.** 



2) In the Core Audio pane of the Device tab, select ONE for Output Device and Input Device.

Core Audio				
Enabled				
System M	Memory Requirement:	76.0 MB		
	Output Device:	ONE	-	
	Input Device:	ONE	•	
	I/O Buffer Size:	64	: Sample	15
		Resulting Roundtrip Latency: 5.5 ms		
		Universal Track Mode		
		Universal Track Mode  24-Bit Recording  Software Monitoring Independent Monitoring Level for Record Enabled Channel Strips		
	Processing Threads:	Universal Track Mode  24-Bit Recording  Software Monitoring  Independent Monitoring Level for Record Enabled Channel Strips  Automatic	:	
	Processing Threads: Process Buffer Range:	Universal Track Mode  24-Bit Recording  Software Monitoring Independent Monitoring Level for Record Enabled Channel Strips  Automatic  Medium	:	
	Processing Threads: Process Buffer Range: ReWire Behavior:	Universal Track Mode  24-Bit Recording  Software Monitoring Independent Monitoring Level for Record Enabled Channel Strips  Automatic  Medium  Playback Mode (Less CPU Load)	:	
м	Processing Threads: Process Buffer Range: ReWire Behavior: aximum Scrub Speed:	Universal Track Mode  24-Bit Recording  Software Monitoring Independent Monitoring Level for Record Enabled Channel Strips  Automatic Medium  Playback Mode (Less CPU Load) Normal	+ +	

3) Set the I/O Buffer Size to 64. Click Apply Changes at the bottom of the Preferences window.

#### Mac OS: Using ONE with Logic (continued)

 Now close the Logic Pro Preferences window and select New > Empty Project > from the File Menu.



 If you are recording a single microphone or instrument, make the following selections in the New Tracks dialog box:

Number:	1	
Type:	Audio	
	Software Instrument	
Format:	(Mono :	
Input:	Input 1 Ascending	
Output:	Output 1-2 ‡ Ascending	
	V Input Monitoring	
	Record Enable	
Open I	ibrary Cancel Create	

 Logic will now ask you to name the project and save in on your hard drive.

	Save
ave As:	mysong
Where:	Logic :
⊡ tr	iclude Assets
▼ A	dvanced Options
	Copy external audio files to project folder
E	Copy EXS instruments to project folder
	Copy EXS samples to project folder
Ε	Copy Ultrabeat samples to project folder
E	Copy SpaceDesigner impulse responses to project folder
E	Copy movie files to project folder
	(Cancel) (Save

 Click the Record button in the transport control at the bottom of the Logic window.



### Mac OS: Using ONE with Avid Pro Tools (9 or greater)

#### 1) Choose **Setup** menu > **Playback Engine**.



#### 2) Choose **ONE** for **Current Engine**.

	Playback Er	ngine
Settings	Built-in Line Input Built-in Digital Input Built-in Output Built-in Line Output Built-in Digital Output I for Tools Aggregate I/O ONE	
	Host Engine: 🗹 Ignore (may ca	Errors During Playback/Record use clicks and pops)
De Disk Playback	lay Compensation Engine: Maximum	a
De Disk Playback Cache Size:	lay Compensation Engine: Maximun	a C
De Disk Playback Cache Size: Lower values I performance.	Iay Compensation Engine: Maximun	age. Higher values improve disk

#### 3) Set the Buffer Size to 64. Click OK.

	Pla	yback Engine	
Settings	ONE	\$	
	H/W Buffer Size: Host Processors: CPU Usage Limit: Host Engine:	<ul> <li>64 Samples</li> <li>128 Samples</li> <li>256 Samples</li> <li>512 Samples</li> <li>1024 Samples</li> <li>(may cause clicks</li> </ul>	g Playback/Record and pops)
De Disk Playback	ay Compensation Engine: (	Minimize Add	iltional I/O Latency
Cache Size: Lower values f	Normal	emory usage. High	er values improve disk

#### 4) The following dialog box will appear. Click Yes.



#### Mac OS: Using ONE with Ableton Live

00	Preferen	ces
Cook Feel Audio MIDI Sync File Folder Record Warp Launch CPU	Preference Audio Device Driver Type Audio Input Device Audio Output Device Channel Configuration Sample Rate In/Out Sample Rate Default SR & Pitch Conversion Latency Buffer Size	Ces CoreAudio
Licenses Maintenance Library	Buffer Size Input Latency Output Latency Driver Error Compensation Overall Latency Test Test Test Test Tone Tone Volume Tone Frequency CPU Usage Simulator	128 Samples 4.72 ms 3.97 ms 0.00 ms 8.68 ms 0// -38 dB 440 Hz 50 %

- 1) Choose Live > Preferences. Click on the Audio tab.
- 2) Select CoreAudio in the Driver Type menu.
- Select ONE in both the Audio Input Device and Audio Output Device menus.
- 4) Set Buffer Size to 128.
- 5) Close the Preferences window after making settings.

### Using ONE with iOS Apps

ONE is designed to work with any iOS Core Audio compatible app on iPod Touch, iPhone or iPad. Simply download your favorite app, connect ONE and you're ready to go!

#### **Recommended apps:**

GarageBand - <u>https://itunes.apple.com/us/app/garageband/id408709785?mt=8</u> Auria - <u>https://itunes.apple.com/us/app/auria/id524122834?mt=8</u> Cubasis - <u>https://itunes.apple.com/us/app/cubasis/id583976519?mt=8</u>



Visit <u>www.apogeedigital.com/knowledgebase</u> for the most up to date list of compatible apps.

Additional Support

#### For more information:

- Complete Apogee ONE User's Guide
- Apogee KnowledgeBase and FAQs
- Apogee Product Registration
- How to contact Apogee Technical Support

Visit: http://www.apogeedigital.com/support/



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