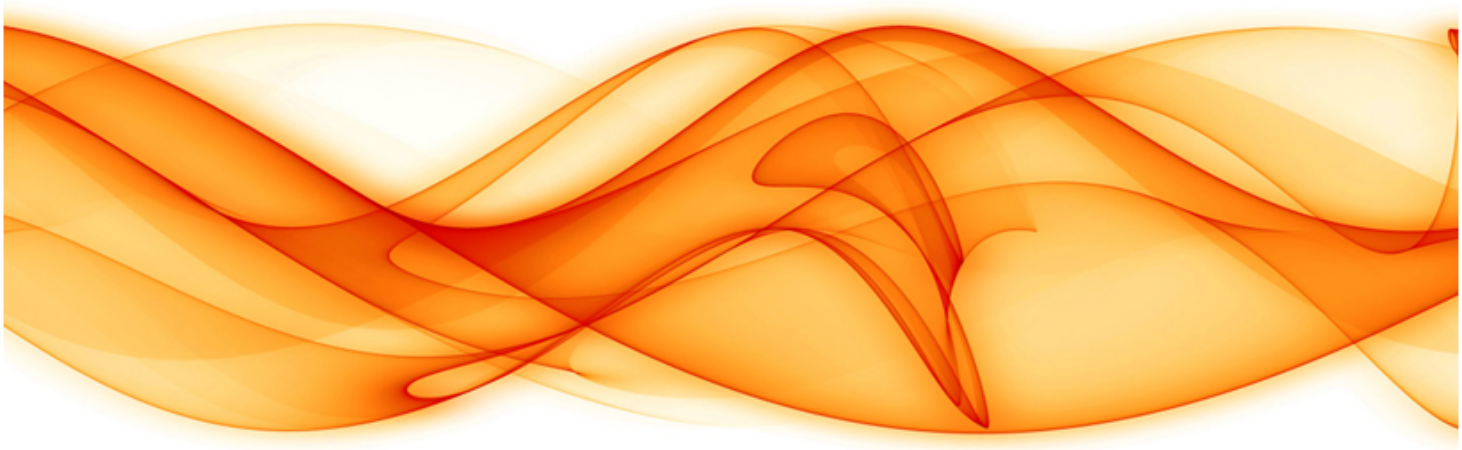

mModal Fluency Direct

Suggested Microphone List

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Support Email : fluency.direct@mmodal.com

Sales : 1-866-542-7253

Suggested Microphone List

Wired Handheld Microphones

Accuracy1	Usability2	Microphone Brand and Model
*****	*****	Olympus RM-4000 RecMic II
*****	*****	Olympus RM-4010 RecMic II
*****	*****	Olympus RM-4015 RecMic II
*****	*****	Olympus DR-1200 RecMic
*****	*****	Olympus DR-1200 DirectRec
*****	*****	Philips SPM3700 SpeechMike Premium Touch
*****	*****	Philips LFH3600 SpeechMike Premium - Barcode Scanner
*****	*****	Philips LFH3500 SpeechMike Premium
*****	*****	Philips LFH3205 SpeechMike III
*****	*****	Philips LFH3200 SpeechMike III
*****	*****	Philips LFH3300 SpeechMike - Barcode Scanner
*****	*****	Philips 7276 SpeechMike Pro Plus - (No longer manufactured)
*****	*****	Philips 7274 SpeechMike Pro - (No longer manufactured)
*****	*****	Philips 5276 SpeechMike Pro Plus - (No longer manufactured)
*****	*****	Philips 5274 SpeechMike Pro - (No longer manufactured)
*****	*****	Philips 5284 SpeechMike Pro - Barcode Scanner - (No longer manufactured)

Wireless Handheld Microphones

Accuracy	Usability2	Microphone Brand and Model
*****	*****	Philips SpeechMike Premium Air
*****	*****	Phillips LFH3000 SpeechMike Air
*****	*****	Phillips LFH3005 SpeechMike Air

Wired Headset

Accuracy	Usability3	Microphone Brand and Model
*****	***	Andrea Electronics NC-181VM USB
*****	***	Andrea Electronics NC-185VM USB

*****	***	Andrea Electronics NC-250V
****	***	Plantronics Audio 310 + USB Adaptor
*****	***	Plantronics Audio DSP 300 USB - (No longer manufactured)
*****	***	Plantronics Audio DSP 400 USB
*****	***	Plantronics Audio DSP 500 USB
*****	***	Plantronics Audio 678 USB
*****	***	Plantronics Audio 655 USB
*****	***	Plantronics Audio 648 USB
*****	***	Plantronics Audio DSP 626 USB
*****	***	Plantronics Audio 628 USB
*****	***	Plantronics Audio DSP 626 USB - (No longer manufactured)
*****	***	Plantronics Audio 610 + USB Adaptor
*****	***	Plantronics Blackwire C710 via USB
*****	***	Plantronics Blackwire C710-M via USB
*****	***	Plantronics Blackwire C720 via USB
*****	***	Plantronics Blackwire C720-M via USB
*****	***	Plantronics Blackwire 725

Wireless Headset

Accuracy4	**Usability3**	**Microphone Brand and Model**
**	***	Andrea Electronics BT-201
**	***	Jawbone ERA
****	***	Plantronics Voyager Legend UC
***	***	Plantronics M50
****	***	Plantronics Savi W410-M
****	***	Plantronics Savi W420-M
****	***	Plantronics Savi W430-M
****	***	Plantronics Savi W440-M
****	***	Plantronics Savi W445-M

Gooseneck Microphones

Accuracy	Usability[5]	Microphone Brand and Model
****	***	Buddy GooseneckMic 7G USB
****	****	Buddy GooseneckMic 7G USB + Footpedal
****	***	Buddy GooseneckMic 3.5mm Analog
****	****	Buddy GooseneckMic 3.5mm Analog + Footpedal
****	***	SoundTech GN-USB Professional Gooseneck Microphone
****	****	SoundTech GN-USB Professional Gooseneck Microphone + Footpedal

Mobile Devices

You can obtain the M*Modal Mobile Microphone application from the iTunes App Store (https://itunes.apple.com/us/app/m*modal-fluency-direct-mobile/id975544301?mt=8) or Google Play (https://play.google.com/store/apps/details?id=com.mmodal.fdmic&hl=en). (https://itunes.apple.com/us/app/m*modal-fluency-direct-mobile/id975544301?mt=8)

Supported Operating System	Device Recommendations
Android OS	Unlike its competitor, there are many, many devices in the market offered by a variety of manufacturers. There will be variability of microphone quality across the different devices. Phones and tablets, especially newer devices, will generally have better quality microphones which will lead to better quality speech recognition.
Apple iOS	Phones and tablets, especially newer devices, will generally have better quality microphones which will lead to better quality speech recognition. For example, an iPod Touch would not be recommended.

Related Hardware

Function	Brand and Model
3 Position Foot Pedal	Olympus RS-27H Footswitch
4 Position Foot Pedal	Olympus RS-31H Footswitch
3 Position Foot Pedal	Philips ACC2320 USB Foot Control
3 Position Waterproof Foot Pedal	DAC FP-7000-3D/W
4 Position Waterproof Foot Pedal	DAC FP-7000-4D/W
Hand Control	Olympus RS-RS-32 Hand Controller

Disclaimer for microphones not on this list

It is possible that microphones not on the suggested list may work with Fluency Direct. Without prior testing or experience, M*Modal cannot verify the accuracy or usability of non-documented options. If issues arise with a non-suggested microphone, M*Modal will still provide initial support, however, there are limited remedies to problems that can be offered. Assistance from the manufacture may be the only possible support option to improve usability and accuracy.

Switching Microphones Disclaimer

- It is strongly recommended that users do not frequently switch between microphones types.
- If you must switch microphones, it is important that you run the calibration process for the new microphone.
- In addition, the system will require time to train for the new microphone audio to achieve optimal quality and performance.

Microphone Notes

1 - Accuracy is dictated by a combination of audio quality, noise cancelation technology and the likelihood of consistent microphone placement relative to the speaker's mouth.

2 -For Handheld Microphones usability is typically impacted by how recording is started and finalized. Microphones with record switches instead of record buttons tend to have higher rates of user error during the recording process. It is not uncommon for users of switch activated microphones to accidently leave them on after dictation is complete. This causes otherwise unintended noise and speech to be recognized by M*Modal Fluency Direct.

3- When comparing headset microphones with handheld microphones, users typically notice two shortcomings to headsets. A headset microphone's usability can be impacted by how recording is started and finalized. Typically the keyboard or the M*Modal Fluency Direct control bar is used to start and end the recording process. It is not uncommon for users of headsets to accidently leave them on after dictation is complete. This causes otherwise unintended noise and speech to be recognized by M*Modal Fluency Direct. An additional concern is that an array of handheld programmable buttons that would otherwise be accessible via a handheld microphone are unavailable to headset users. This can prevent quick access to some M*Modal Fluency Direct functionality.

4 -Wireless communication between a microphone and a computer can occur via Bluetooth or other proprietary communication protocols. The Bluetooth communication protocol uses lossy compression which limits the audio quality available to M*Modal Fluency Direct. Some proprietary communication protocols do a better job of transporting audio without loss of audio quality. Higher audio quality typically means better accuracy for M*Modal Fluency Direct. This applies to Bluetooth headsets that may be used with the Mobile Microphone app.

5 - When comparing gooseneck microphones with handhelds and headsets, users typically notice three shortcomings. A gooseneck microphone's usability can be impacted by how recording is started and finalized. Typically the keyboard or the M*Modal Fluency Direct control bar is used to start and end the recording process. It is not uncommon for users of gooseneck microphones to accidently leave them on after dictation is complete. This causes otherwise unintended noise and speech to be recognized by M*Modal Fluency Direct. This type of common error can be limited by the use of a footpedal in conjunction with a gooseneck microphone. The use of a gooseneck microphone also introduces increased variability in the distance between the user and microphone. With a headset or a handheld, a user is much more likely to keep the microphone a consistent distance and positioned correctly relative to the mouth. Consistency in microphone placement has an impact on recognition accuracy. An additional concern is that an array of handheld programmable buttons that would otherwise be accessible via a handheld microphone are unavailable to the user. This can prevent quick access to some M*Modal Fluency Direct functionality.

Written by **Tim Ruff** Created: 21 July 2015 Last Updated: 30 May 2019