Most microphone & speaker combos have a few problems:

1. They have to be turned on everytime you wish to record sound
2. They pick up sound from a larger radius than we need. On the other hand, the radius is good to be a bit bigger than on normal microphones so the user doesn’t have to be so close to the Libby devices.

The Raspberry Pi requires an USB microphone which limits our options a bit.

My suggestion is the following microphone, but take it with a grain of salt, as I have not used one of these myself.

Jabra Speak 410

* [https://www.amazon.co.uk/Jabra-Conference-Speakerphone  
  Pros:-optimised-Microsoft-Black/dp/B004MOWGZ2?th=1](https://www.amazon.co.uk/Jabra-Conference-Speakerphone-optimised-Microsoft-Black/dp/B004MOWGZ2?th=1)
* The Jabra Speak 510 should be as good as 410.
* Cons:
  + I think it requires you to put it on every time you wish to use it (it can’t be left on forever)
  + The mic can be muted by a button on the speaker and the volume can be adjusted
    - Can these be disabled?
* Pros:
  + the sound quality should be good
  + it has very good reviews overall (--> they usually have some credit to them)
  + price is OK (~80 €)

Here is some further reading, which might be useful:

<https://microphonetopgear.com/best-conference-microphones/>

<https://getvoip.com/blog/2017/09/15/best-conference-microphones/>

I think it would be good to have one microphone for testing.