"Cukor" Microphone Kit-- Fast Start Guide

There are two sets of wireless microphones, one is BLUE and one is RED. Both can be checked out from the MMLC lab desk, in Kresge 48.

Let’s go over the microphones (mics) in these steps:

- Overview of Pieces
- Receiver and Camera
- Connecting Receiver to Camera
- Transmitter and lavaliere (chest) mics
- Connecting chest mic to Transmitter
- Attaching Receiver to Camera
- Using Headphones
- Checking Audio Levels
- Power Switches and Batteries

**Overview of Pieces**

A Microphone kit contains four parts:
1. A receiver
2. A transmitter
3. “XLR” cable
4. Chest (lavaliere) clip-on mic

**Receiver**
attaches to camera and picks up signal from mic transmitter

**Transmitter**
attaches to camera and sends mic audio to camera receiver

**XLR cable**
connects transmitter to camera

**Chest mic**
attaches to transmitter

Cukor Wireless Microphone (Blue Set)
**Receiver and Camera**

Connect the black XLR cable to the transmitter at the top of the transmitter. Make sure you align the 3 connector pins correctly.

1. 

Next connect the XLR cable to the camera:

Make sure the XLR 3 connector pins are aligned correctly.

2. 

Plug Receiver #1 (**Red**) into Input #1
Plug Receiver #2 (**Blue**) into Input #2
This will help make your audio consistent when you edit the footage.
Receiver and Camera (cont’d)
Check to make sure the receiver LEVEL setting switch are set at \(-30\)

Make sure the camera audio input selectors are set to the values in this box:

Audio Input Selectors:

<table>
<thead>
<tr>
<th>REC CH SELECT</th>
<th>INPUT LEVEL</th>
<th>+48V</th>
<th>INPUT LEVEL</th>
<th>+48V</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH 1</td>
<td>MIC</td>
<td>ON</td>
<td>MIC</td>
<td>ON</td>
</tr>
</tbody>
</table>

Audio levels are set automatically by the camera, you don’t need to adjust levels on the camera. You can verify the audio signal by listening to headphones.
Attaching Receiver to Camera
There are "grippy" Velcro-like pads on the back of the receivers, and on the camera. Attach the receiver to the camera using these grippy pads.

Snap on one Receiver to each side of the camera on the black "grippy" pads.
Transmitter and Chest (lavalier) Microphone

Connect the black mic cable to the transmitter at the top of the transmitter. Make sure you align the 3 connector pins correctly.

Next connect the chest mic to the people who will speak on camera: Make sure the clip-on chest mic is attached to the shirt or lapel near the chest bone or sternum.

Keep the transmitter in a pocket, with the mic clipped on near the chest bone.

Using Headphones

The best way to verify your audio is good is to use headphones to listen to the audio being played back, not just during recording. If the audio is bad on playback, it is bad on the tape and it needs to be redone.

Plug headphones into jack on side of camera to hear if audio is good.
Power Switches and Batteries
Wireless microphones use battery power very quickly. Both the transmitter and the receiver require batteries.
The battery is kept in a compartment behind the front flip down panel. If the mic becomes very noisy, with more hiss than normal, or if the audio seems to cut in and out, it could be the battery needs to be replaced. Make sure the + sign on the battery aligns with the + sign on the transmitter or receiver.

Audio Notes:

- Microphones are very sensitive to sound. If you can hear the airplane or the police siren, then the microphone will pick it up.

- Batteries for the microphones do not last long, sometimes only three or four hours, depending on the air temperature. Replacement batteries are available from the MMLC Lab desk, or you can purchase good quality 9 volt batteries in most any drugstore.

- If you use two microphones, then both will pick up sound. If you cough, you will hear it in the video.

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The power (on/off) switch is in the battery compartment. Remember to turn off the power or your batteries will go dead in a matter of hours.