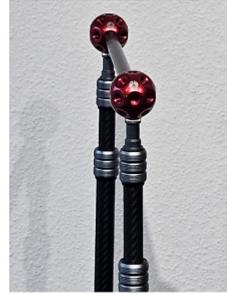


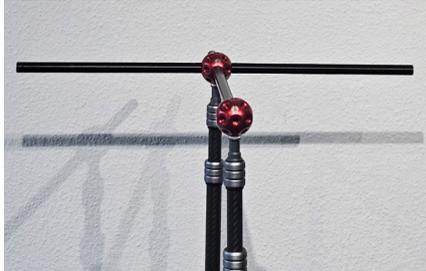
OCT-3D



This time we start with two red balls and a 25 cm long pipe and a male/male 3/8" thread adapter as shown.



This will be screwed on two light stands. This is the base we start with.



Into the front red ball we screw two 25 cm long pipe as shown ...

... and into the other red ball we screw the two 50 cm long pipes.

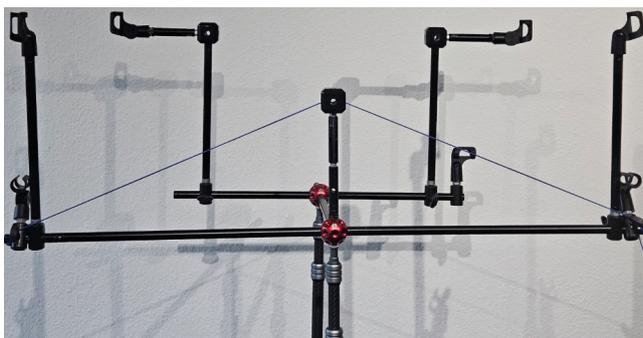
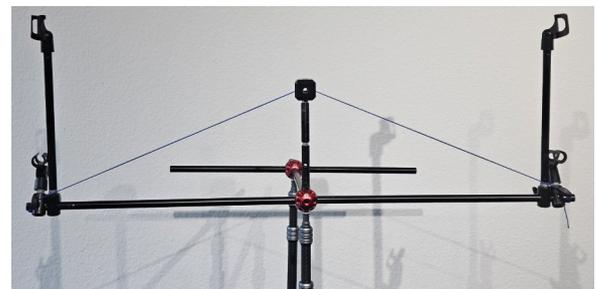


For better stability we prepare a black cube on top of two 10 cm pipes.

Also the pipe (10 cm) for the center microphone has been added to the front red ball pointing straight ahead.

The blue string is a regular polypropylen string you can buy for little money at almost any supermarket. It is about 2 m (6 ft.) long.

We use sailor's knot, but any knot will do. Just make sure it has the right amount of tension. Not too much and not too little. Its intension is to take some weight, but not all.



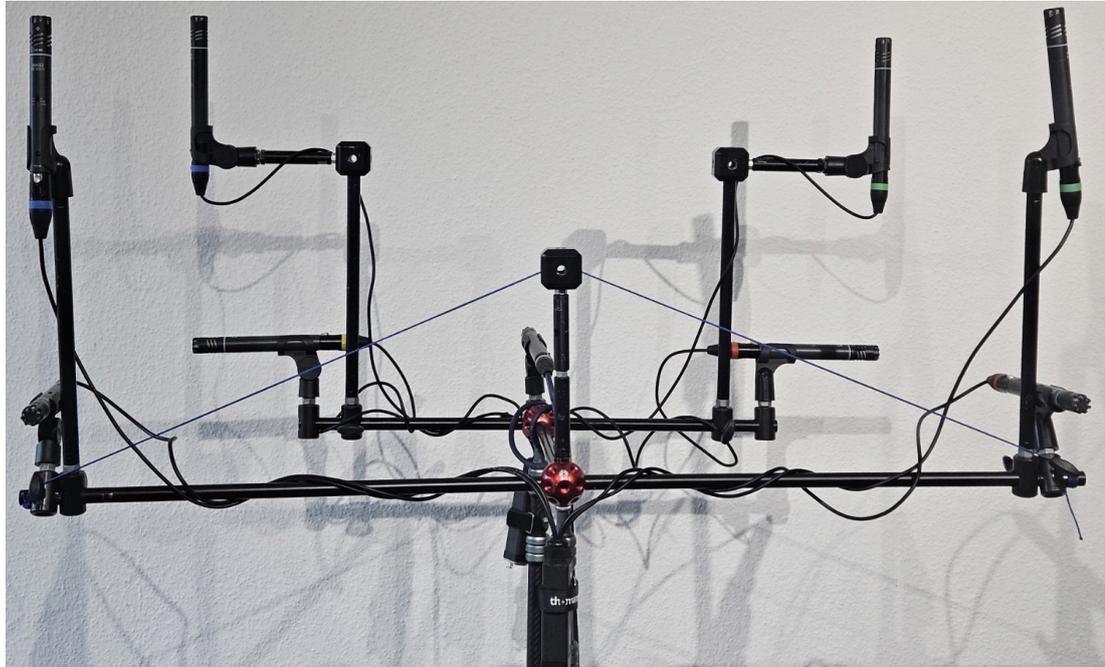
Now the extensions and clamps for the front microphones have been added. Please note, that there is a distance between the front clamps (~ 2cm). There is NO distance between the back microphone clamps resp. extensions.

This may vary, if you are using different microphones. The intention is to have the microphones for the height just above the lower microphones.

We have added the XLR-to-CAT 6E adapters as well as the center microphone.

Please note that we connect the center microphone with a single XLR cable. You may choose a different setup at your discretion. Also you may use seperate XLR cables. It doesn't matter.





We enlarge this picture a bit, to provide a better overview of how the cables are connected.

We connected one XLR -> CAT 6E adapter on the front and the other one for the microphones in the back. The order of the colors is up to you. Please note, that there are nine microphones in use. If you just have an eight channel recorder, you will miss one channel.

We use two recorders for this setup. Of course you could use an eight channel recorder and any additional handheld recorder for a single microphone.

From our experience a much more stable immersive impression can be achieved, if you use one recorder for the five microphones in the horizontal plane and a different recorder for the height microphones. If possible connect them with a short cable for timeclock.

If your recorders don't provide that, use the best solution to keep the timely locked as close as possible.

If there is no better solution available, you may want to use this [article](#). It's always better than nothing.

Have fun and happy recording!

The picture below shows the material used for our setup. Depending on your gear this may vary.

