Shopping list – FOA_4cardiod and an omni System

This shopping list is intended to give you some guidance. It is NOT the only way to setup such a system. It is just one way to do it and we know, that this will work.
It may happen, that some (or even all) of the parts mentioned afterwords are not available in your area.

Hardware:

- One set Manfrotto MSY0580A Dado Kit 6 Tubes
- Five pieces of Manfrotto 014-38 Rapidadapters
- K&M 260/1 black – Microphone stand upright (indoor) or any other mic stand
- Any camera tripod that can handle the weight of your system (>= 2,5 kg / >= 5,5 lbs) for outdoor
- plus an adapter from 1/4” to 3/8”. You will get this everywhere. (e.g. Amazon, Alibaba, …)
- To elevate the microphones, you have to have two sets of these adapters: A K&M 216 and a K&M 217. This makes it easy and reliable to have the microphones in the right place, with a reliable connection.
- Five XLR-microphone cables. At least 5m / 15 feet long. The longer, the better!
- If you like it more compact, you may want to check out: A RJ45 DMX Shuttle Snake FX4 /MX 4 set consisting of XLR connectors on the one side of the box and a RJ45 connector on the other side.
- Then you will need a CAT 6E Cable 10+ m with RJ45 connectors in a XLR connector. This is NOT necessary, but more reliable in the field and if you might step onto it by accident. The cable should be CAT6E, as it has leads with a bigger diameter, which have less resistances and so they are effecting the sound even less.
- Wind protection for your microphones. It won’t be the first and never be the last recording ruined by the wind. You may get a long with the ones usually provided with your microphones, but if your are outside, you should consider something more robust and effective. We learned, that wind protection can’t be never good enough. Of course there are units that meet highest professional standards, but they do cost these standards too. So it’s on you to find the best compromise to meet your needs.

Handheld Recorder

A handheld recorder with at least 5 XLR inputs (e.g.):

- Zoom F6
- Zoom F8n (Pro)
- … or whatever is available and/or at hand.

You don’t have to have a 32 bit recorder, but today they are the only available at the stores. Always keep in mind, that you could ask a friendly colleague to lend you one!

Important!
You should also have enough rechargeable batteries with you and make sure they are freshly charged, before you leave the house. As there are so many vendors out there for this, it’s impossible to recommend something. The more „mAh“ the rechargeable battery has, the longer it will serve you.

Shopping list:

# items	Item	Price per unit	Subtotal
4	Small Diaphragm Condenser microphones (cardioid)		
1	Small Diaphragm Condenser microphones (omni)		
5	Wind protection units for the microphones		
5	XLR microphone cable (or the RJ45 DMX system)		
1	Manfrotto MSY0580A Dado Kit 6 Tubes		
5	Manfrotto 014-38 Rapidadapters		
1	Mikrofon holder: e.g. Gravity MAMH 01		
1	K&M 260/1 (indoor use) or any other mic stand		
1	Any camera tripod (if you use a camera tripod)		
2	K&M 217 thread adapter		
2	K&M 216 thread adapter		
1	Adapter 1/4“ → 3/8“ (if you use a camera tripod)		
1	RJ45 DMX Shuttle Snake FX4 (XLR female)		
1	RJ45 DMX Shuttle Snake MX4 (XLR male)		
1	Cat 6e cable (at least 5m / 15 feet long)		
1	Handheld recorder with at least 4 XLR mic inputs		
		TOTAL	

Something to mention: If you have any of the items mentioned above, you don’t have to buy them for just this setup again! Just when you need two or more setups at the same time. But maybe some friendly colleague may lend you some items you need.

It may happen, that your local store doesn’t have these items available or can’t get them for you. We know, there are alternatives out there, but we don’t know them all. We are sorry!