



by



## MODULAR WINDSHIELD for Short body microphones

Three cage lengths: **L** (21cm), **M** (18cm) and **S** (15cm)

Respectively for microphone max length: 15cm (**L**), 12cm (**M**) and 9cm (**S**)

Five microphone holders: for diameters: **19, 20, 21, 22a & 22b** mm

Two cable lengths: **Long** with two cable pins (for cages L) and **Short** with a single pin (for cage S & M)

### MAIN REFERENCES

**COSI-L-21:** (**MiniCMIT**, Long cage, 21mm mike diameter, Long cable)

**COSI-L-20:** (**Schoeps CMC**, Long cage, 20mm mike diameter, Long cable)

**COSI-L-19:** (**DPA4017C**, Long cage, 19mm mike diameter, Long cable)

**COSI-M-19:** (**Sanken CS-M1**, Medium cage, 19mm mike diameter, Short cable)

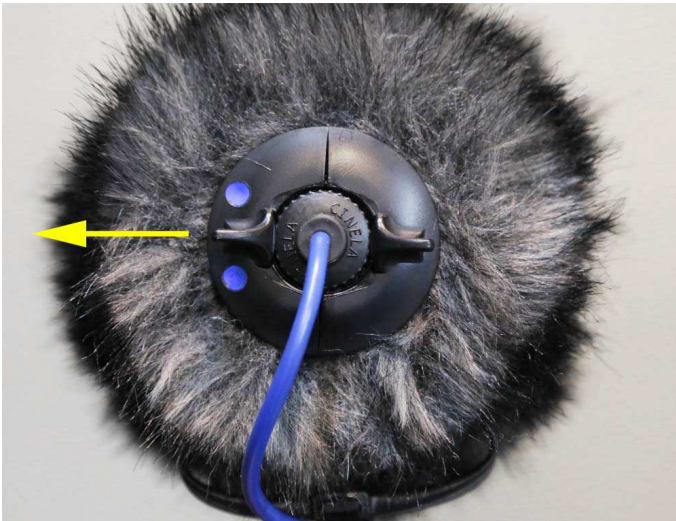
**COSI-S-19:** (**MKH8000**, **DPA4018C**, Short cage, 19mm mike diameter, Short cable)

**COSI-L-8060:** (**MKH8060**, Long Cage, 19mm, Specific Sennheiser connector & cable for MKH8000)

### MICROPHONE HOLDER INSERTION

**OPEN: two dots LEFT**

**CLOSE: two dots UP**



### Color code for microphone holders (two dots):

Ref. **COSI-HLD-19:** 19mm: **RED** (MKH8040/50/60, DPA4018C)

Ref. **COSI-HLD-20:** 20mm: **SILVER** (Schoeps CMC)

Ref. **COSI-HLD-21:** 21mm: **BLUE** (Schoeps MiniCMIT)

Ref. **COSI-HLD-22a:** 22mm "a": **WHITE** (21.8 mm for Neumann KM100 and KM184/185 series)

Ref. **COSI-HLD-22b:** 22mm "b": **GOLD** (22.1 mm for Neumann KMA/KMD series)

### NOTE:

Fur (medium pile length) is **NOT** removable. It has **no** other fabric or layer under it. Very good compromise for indoor/outdoor use.

Other finish (like velourized fabric) may lead to future options...

Many other microphone adaptations awaited...

## Cable twisting.

When inserting the microphone (installed in the mike holder) into the windshield, the cable has to be **untwisted** first. **It has to look like the following pictures:** (That's the **S** of COSI logo !!!)



**LONG CABLE**  
(Long cage)



**SHORT CABLE**  
(Short & Medium cage)

## RUMBLE FILTERING

As any other suspension/windshield, **COSI** needs the use of a good rumble filter (Very low end handling noise). Typically 50/70 Hz with a +18dB/oct slope (3rd order filter)

Many mixers/recorders only offers +12dB/oct filters (2<sup>nd</sup> order). Then it may be a little compromise.  
+6dB/oct filters are AVOIDED (1<sup>st</sup> order).

Many microphones are very rich in the Low End (MKH8000 or DPA with **C** preamp). These ones need a high slope filter.

Schoeps **MiniCMIT** offers a very convenient in-built +24dB/oct filter (4<sup>th</sup> order) !  
Definitely the best against handling rumbles ! Absolutely no need for any other filter ! Best choice for "uncertain" inputs (cameras, DSLR).

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### **ADVICE for BOOM SWIVEL and CAMERA ADAPTER fixation:**

#### **LONG CAGE:**

Swivel has to be fixed in the FRONT fixation point. Camera Adapter in the REAR one

**SHORT & MEDIUM CAGE:** REAR fixation point for Swivel and Camera use