

by



## MODULAR WINDSHIELD for Short body microphones

Four cage lengths: **S** (15cm), **M** (18cm), **L** (21cm) and **XL** (24cm)

Respectively for microphone max length: 9cm (**S**), 12cm (**M**), 15cm (**L**) and 18cm (**XL**)

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

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

### MAIN REFERENCES

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

**COSI-S-22a:** (Neumann KM140/150, Short cage, 21.8mm holder, Short cable)

**COSI-S-CCM:** (Schoeps CCM, Short cage, 20mm holder, Lemo/XLR cable + adaptation piece)

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

**COSI-M-22a:** (Neumann KM184/185, Medium cage, 21.8mm holder, Short cable)

**COSI-M-22b:** (Neumann KMA/KMD serie, Medium cage, 22.1mm holder, Short cable)

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

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

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

**COSI-L-8060:** (MKH8060, Long Cage, 19mm holder, MZL connector & cable, and adaptation piece)

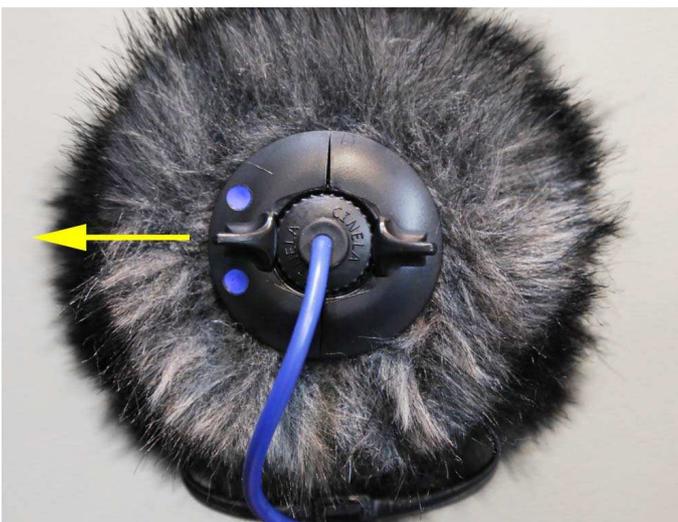
**COSI-L-CMS50:** (Sanken CMS-50, Long Cage, 22mm holder, **XLR5 wiring**)

**COSI-XL-19:** (CS-1e, MKH8060 with XLR module WITHOUT MZF filter, XL cage, 19mm, Long cable)

**COSI-XL-8060:** (MKH8060 WITHOUT XLR module With MZF filter, XL cage, 19mm, MZL specific cable)

### 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, SANKEN CS-M1, CCM Cosi adapter)

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...

## 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 & X-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:**

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

#### **LONG CAGE:**

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

**EXTRA-LONG CAGE:** **FRONT** fixation point for Swivel and Camera use

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