

# by



# MODULAR WINDSHIELD for Short body microphones

Five cage lengths: **XS** (13cm), **S** (15cm), **M** (18cm), **L** (21cm) and **XL** (24cm)

Respectively for microphone max length: 7.5 cm (XS), 9cm (S), 12cm (M), 15cm (L) and 18cm (XL)

Seven microphone holders: for diameters: 19, 20/19, 20/20, 21, 22a, 22b & 22c mm (details below)
Two cable lengths: Short with a single pin (cage XS, S & M) and Long with two cable pins (cages L & XL)

### **MAIN REFERENCES**

COSI-XS-CMC1U: (Schoeps CMC1U, Xtra Short cage, 20/20mm holder, Short cable)

COSI-S-19: (MKH8000, DPA 4011C/4018C, 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, 19mm 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, 20/19mm 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-8060-MZF: (MKH8060 WITHOUT XLR module With MZF filter, L cage, 19mm, MZL specific cable)

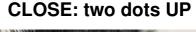
COSI-L-CMS50: (Sanken CMS-50, Long Cage, 22mm holder, XLR5 wiring)

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

## **MICROPHONE HOLDER INSERTION**

**OPEN: two dots LEFT** 







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

Ref. COSI-HLD-19: 19/19mm: RED (8040/8050/8060, 4011C/4017C/4018C, CS-M1, CCM Cosi adapter)

Ref. COSI-HLD-20: 20/19mm: SILVER (Schoeps CMC3/4/5/6)

Ref. COSI-HLD-20-20: 20/20mm: BLUE LAGOON (Schoeps CMC1)

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)
Ref. COSI-HLD-22c: 22mm "c": RED & GOLD (22.3 mm for SANKEN CMS-50)

### **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 & Xtra Long cage



SHORT CABLE Xtra Short, 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 60Hz +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).

Sennheiser 8060 can be fitted with the special **high slope** MZF filter, (70Hz +18dB/oct), **Ref: CU0335** Schoeps **CMC1U**: Best advice: use the tiny CUT60 filter !!! (60Hz, 24dB/oct)

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

**Xtra SHORT, 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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