



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



CLOSE: two dots UP



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 (2nd order). Then it may be a little compromise. +6dB/oct filters are AVOIDED (1st 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 (4th 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, 24 dB/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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