

CMB Product family – SunShade CMB-R10 and CMB-R20 for HDV.



CMB-R10, single rotating stage – **CMB-R20**, double rotating stage for 4x4 size filters.



The **DSW[®] 400 Swing-away system**
Connects the CMB SunShades with the DV light-weight supports.

The **CMB-R10** is a SunShade with a rotating single filter stage, designed for 4x4" filters. All filter positions for all lenses and all current wide-angle converters are possible without vignetting.

The **CMB-R20** is equipped with a double rotating stage for 4x4" filters. When used with wide-angle converters, only the rear filter holder rotates (wide-angle converter for 1/3" F=3.3 mm / 1/2" F=5mm). Both filters can be positioned unrestrictedly up to 4.2 mm focal length (1/3"); respectively up to 6.2 mm focal length for the 1/2" XDCAM lenses.

The connecting diameter of 110 mm takes all currently used wide-angle converters. The SunShade clamps on standard lenses with a step-down ring or is fixed with a screw-in ring.

Technical Data:

| | |
|---|---|
| Max. wide-angle focal length (1/3" / 1/2" Chip) F= mm | R10: 3.3 / 4.3 R20: 4.1 / 5.3 |
| Multi-Format 4:3 and 16:9 | S16, SD, HD |
| Mask inserts 16:9 for F= mm (1/3" / 1/2") | Universal from 4.5 / 7 |
| Max. filter number / rotating | R10: 1 / 1 R20: 2 / 2 |
| Filter stage width (mm) | 110 |
| Filter size (inch) | 4x4 |
| Connecting diameter (mm) | 110 |
| Support system: | clamp mount |

| Components | Article no. |
|--|-------------|
| SunShade CMB-R10 , complete with one filter holder and French Flag | CMB-R10 |
| SunShade CMB-R20 , complete with two filter holders and French Flag | CMB-R20 |
| Options | |
| French Flag 35 cm, foldable | 450-11 |
| Mask 16:9 from f = 4.5 mm | 450-MA |
| DSW 400, Direct swing adapter with thread mount** | 401-402S |
| DSW 400, Direct swing adapter with clamp mount** | 401-403S |
| Spare part selection | |
| Filter holder 4x4 | 402-12 |
| French Flag 35 cm, continuous | 450-12 |
| For information on clamp rings, see page 37, and the respective overview pages. | |
| ** for use as MatteBox on 15mm light-weight supports, incl. mounting screws | |

Selection Guide - CMB SunShade Product family

All SunShades based on the MB 450 housing - the CMB models as well as their predecessors – fit in the same clamp system with the 110 mm connection. The 4x4 SunShade has a clamp mount for 104mm diameter; the SunShade 1000 is designed for 3x3" filters and clamps onto lenses with a maximum diameter of 85mm.

| Camera Type | Step-down Ø 110 CMB-R10, CMB-R20, SD 455-R1 | | Adaptor ring Ø 104 for SD 440 | | Adaptor ring Ø 85 for SD 1001 | |
|---|---|------------|-------------------------------------|------------|-------------------------------------|--------|
| | Art.-No. | Ø:Ømm | Art.-No. | Ø:Ømm | Art.-No. | Ø:Ømm |
| Canon XH G1 / A1 // XL HD1 / XL-2 | 411-72* | 110:M72 | 411-14 | 104:M72 | S1001-85 | 85:M72 |
| Canon EOS 7D with EFS 18-135 mm lens | 411-82 | 110:M82+** | 411-13 | 104:M82+** | S1001-67 | 85:M67 |
| Sony HDR-FX1 / HVR-Z1 / HVR-Z5 / HVR-Z7 | 411-72 | 110:M72 | 411-14 | 104:M72 | S1001-85 | 85:M72 |
| Sony HVR-V1 | 411-39 | 110: 80 | 411-15 | 104:M62 | - | - |
| Sony PMW-EX1 / EX3 | 411-77 | 110:M77 | 411-09 | 104:M77 | - | - |
| Sony HVR-NX5 | 411-82 | 110:M82 | 411-13 | 104:M82 | | |
| Panasonic HVX-200 / 200A | 411-82 | 110:M82 | 411-13 | 104:M82 | S1001-82 | 85:M82 |
| Panasonic HPX170/171 / HMC150/151 | 411-72 | 110:M72 | 411-14 | 104:M72 | S1001-85 | 85:M72 |
| JVC GY-HD100 / 101 / 200 / 251 | 411-82 | 110:M82 | 411-23F | 104:M82 | S1001-82 | 85:M82 |
| For wide-angle attachments: | | | | | | |
| Canon wide-angle attachment WD-H72* | 455-A109 | 110: 109 | | | | |
| | 411-48 | 110: 105 | 411-12 | 104: 105 | - | - |
| | 411-46 | 110: 100 | 411-30 | 104: 100 | - | - |
| | 411-44 | 110: 98 | 411-29 | 104: 98 | - | - |
| | 411-42 | 110: 96 | 411-34 | 104: 97 | - | - |
| | | | 411-33 | 104: 95 | - | - |

*For Canon wide-angle attachments WD-H72, use the flexible step-down ring 455-A109 mm

+ ** with Heliopan adaptor ring No. 132, M62:M82