

## 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: <b>3.3</b> / 4.3   R20: <b>4.1</b> / 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.
<b>SunShade CMB-R10</b> , complete with one filter holder and French Flag	CMB-R10
<b>SunShade CMB-R20</b> , 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
<b>For information on clamp rings, see page 37, and the respective overview pages.</b>	
** for use as MatteBox on 15mm light-weight supports, incl. mounting screws	



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## 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 <b>EOS 7D</b> with EFS 18-135 mm lens	411-82   110:M82+**	411-13   104:M82+**	S1001-67   85:M67
Canon XF-300 / 305	411-82   110:M82	411-13   104:M82	
Sony HDR-FX1 / HVR-Z1 / HVR-Z5 / HVR-Z7 HXR-NX5	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	-
Panasonic HVX-200 / 200A	411-82   110:M82	411-13   104:M82	S1001-82   85:M82
Panasonic HPX 130/160/170/171/250 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
<b>For wide-angle attachments:</b>			
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