

MB 450 Product Family for small Camcorder and DSLR, with DSW Direct-Swing-System



MB 450R2 with Carbon-Design, lightweight and robust.



MB 450W Super Wide Ø 130 mm - the only MatteBox with rotating Double Filter Stage at F = 2.6 mm.



450R2-DSWC, MB with DSW on LWS



MB 450R1, for wide angle attachments. Single-Rotating Filter Stage, multiformat filterholder for 4x5.65" and 4x4" (410-04), French Flag (450-12).



DSW 400 - version with clamp adaptor

Option: Holder for side wings and side wings (a pair each, 450-10PM)

The 6 MatteBoxes in the 450 series perfectly meet the requirements of shooting with compact camcorders and DSLR cameras.

All models fit the 15 mm Lightweight Supports on the base of the 401-400. All filters can be moved vertically and fixed in all positions, **all filters are also rotating**. They come ready for shooting, with multi-format filterholders 410-04 (for 4x4" and 4x5.65") and 402-12 (4x4") for the rear stage, including French Flag and Front Mask**.

The standard model **MB 450R2**, comes with a double filterstage, the **MB 450R3** offers a triple one (F max.=3.3 mm).

With the **MB 450W Super Wide** both filter stages have identical multi-format filterholders 410-31 for 4x4" and 4x5.65" filters which freely can be rotated when using super wide angle lenses up to 2.6 mm focal length (no mask included). And it comes with an additional clamp-on-adaptor, Ø130 mm.

For cameras with interchangeable lenses, the **DSW Direct-Swing-System** offers an unparalleled comfort for quick and easy lens change. It can be factory fitted or added on by the user.

New: Extended rear diameter of 114 mm with removable insert ring!

For light prevention, choose between fixed rings for each individual lens, or 2 flexible rings for lens diameters from 50 to 85 mm, respectively 75 to 98 mm. Fixed rings have the advantage to automatically position the lens to the MatteBox.

Technical Data:	
Max. wide-angle focal length (1/3"HD Chip)	3.1, (4 XDCAM 1/2")
MB 450R2 F=mm	
MB 450R1 and MB 450W Super Wide	2.6, (3.6 XDCAM 1/2")
Multi-Format 4:3 and 16:9	SD, HD
Mask inserts 4:3 for F=mm	-
Mask inserts 16:9 for F=mm	Universal from F = 4.5 mm
Max. filter number / rotating	1,2,3 / 1,2,3
Filter stage width (mm)	150 / 110 rear stage
Filter size (inch)	4x5.65 / 4x4
Connecting diameter (mm)	114 +110 / 130 Super Wide
Support system: DV light-weight supports with rod Ø mm	15
* MB 450R3: 4 / 5,2(1/2") mm with Flexi - Ring 450-20 or Insertring 450-16A, 1. stage in 0° - 30°. Is the Front stage rotated more than 30°, max. wide angle is F= 5.5 mm.	

** Please always use the front mask for a focal length of 4.5 mm or more. It effectively increases the image quality as opposed to flaps mounted in front of the lens.

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Support system with the base 401-400, HD and HDCF versions with carbon fibre rods



Insert Ring



Flexi
Insert Ring



Insert Ring
114/110 (spare)



DSW 500 Direct-Swing
Adapter



DSW 400 conversion set



Complete sets for many cameras! They include the MB 450 with mask, French Flag, filter holder 4x4" and 4x5.65", pivot mechanisms for side wings, DV light-weight support and for light prevention an Insert Ring adapted to the camera. (see overview page)

Supports and accessories, complete sets:

The LWS support series with the base 401-400 connects and positions the optical axis of the camera through the individual camera plate. Light-Prevention-Rings attach the MatteBox to the lens. The HD and HDCF LWS versions feature a second rod stabilizer and a total rod length of 500 mm. While the HD comes with aluminum rods of 310 plus 190 mm, the HDCF has a pair of one-piece 500 mm carbon rods.

Components:	Article no.
MB 450R1, 1 Multiformat filter holder 4x4/4x5.560"	450-R11
MB 450R2	450-R21
MB 450R2-DSWC, with DSW 400 Direct-Swing-System	450-R21DC
MB 450W Super Wide, 2 Multiformat 4x4/5.65 filter holder	450W-21
MB 450R3	450-R31
MB 450R3-DSWC, with DSW 400 Direct-Swing-System	450-R31DC
MB 450 Camera Complete Sets:	Please see overview page
Accessories:	Article no.
Pair of Side-Wings	450-10
Pivot mechanism for lower French Flag	450-11-01
Foldable French Flag, width 34,5 cm	450-11
French Flag, width 34,5 cm	450-12
Choose if necessary support system and Light-Prevention-Rings according to your camera and lens.	
The DSW Direct-Swing-System is separately available.	
DSW 500 with clamp-on for 15 mm rods – snap-on	401-503
DSW 400 with clamp-on for 15 mm rods – screw-on	401-403S



Selection Guide - MB 450 Product family

All MB 450 – current and former designs - fit in the same support system with 15 mm rods.

MatteBox	Camera	Light Prevention Rings	LWS Support	Camera	Light Prevention Rings	LWS Support
		Art.-No. Ø:Ømm	Art.-No.		Art.-No. Ø:Ømm	Art.-No.
450R1 450R2 450W 450R3 450R2-DC 450R3-DC	Blackmagic 26 KEF	450-20/22	401-440	Sony HVR-V1	450-15 110:81	401-418
				Sony PMW-EX1	410-39 110:85	401-417
	Canon EOS C300	411-67 + 450-20	401-94	Sony PMW-EX3	410-39 110:85	401-422
	Canon XH G1 / A1	450-15 110:81	401-419	Sony HDR-FX1 & HVR-Z1	450-15 110:81	401-417
	Canon XL HD1 / XL-2	450-15 110:81	401-411	Sony HVR-Z5	411-72 110:M72	401-420
	Canon XF 300/305	450-20 110:75/98	401-415	Sony HVR-Z7	410-39 110:85	401-417
	DSLR:			Sony HXR-NX5	411-72 110:M72	401-424
	Canon 5D / Nikon D90*	depending on lens-Ø	401-421S	Sony PMW-F3 (only 450W-20)	411-68 130:95-125	401-415HD/HDCF
	Nikon D800 (24-70 mm)	[410-80P] / dep. on lens-Ø	401-421N	Sony NEX-FS100	411-781 110:M67	401-429/HD/HDCF
	Canon 1D / Nikon D3S*	depending on lens-Ø	401-93	Sony NEX-FS700	450-22	401-431/HD/HDCF
	Canon D5 MK II / III with additional battery grip	depending on lens-Ø	401-93			
	JVC GY-HD100 / 101	410-39 110:85	401-413	Cameras with optical axis height 44 - 69 mm,	Flexi Ring	LWS Universal 15
	JVC GY-HD200 / 251	410-39 110:85*	401-65			
	JVC GY-HM100	450-17 110:70	401-423	lens Ø 75 - 98 mm	450-20	401-440
	JVC GY-HM700/750	411-72 110:M72	401-63	lens Ø 50 - 85 mm	450-22	401-440
				optical axis height 45 - 66 mm,		LWS Universal 15 HD
	Panasonic AG-AF100	450-20/22	401-427/HD/HDCF	lens Ø 75 - 98 mm	450-20	401-444HD
	Panasonic HVX-200 / 200A	450-16A 110:91	401-415	lens Ø 50 - 85 mm	450-22	401-444HD
Panasonic AG-3DA1	410-65 130:oval	401-415		FlexiRings f. MB 450	Insert Rings 456	
Panasonic HPX 170/171/HMC 150/151	411-72 110:M72	401-420		450-20 110:75-98	411-68 130:95-125	
Panasonic HPX 250 / 160 / 130	410-80F 110:80	401-415		450-22 110:50-85	411-67 130:110	
Panasonic HPX 300	410-39 110:85	401-89B2			411-60 130:110	

* and other models with similar size of body

Overview, Camera Kits: Ready-to-shoot, comprise LWS Support, MatteBox and Light-Prevention-Ring

MB 450R2 / 450W Camera complete Sets:	Article No.
Universal KIT (opt. axis height 44-69 mm; lens Ø 75-98 mm)	450R2-UNI15KIT
Blackmagic Design Cinecam 26 KEF (incl. Follow Focus)	450R2-BMD1KIT
Canon XF 305 / 300	450R2-XF305KIT
Canon EOS C300	450W-20C300KIT
Sony HVR-V1	450R2-V1KIT
Nikon D800 (with MB and FollowFocus)	206-D800BKIT
Sony HXR-NX5	450R2-NX5KIT
Sony PMW-EX1 / HVR-Z7	450R2-EX1KIT
Sony PMW-EX3	450R2-EX3AKIT
Sony PMW-EX3 Super Wide Kit, wide angle	450W-EX3KIT
Sony NEX-FS100	450R2-NEXFS100KIT
Sony NEX-FS700	450R2-NEXFS700KIT
Panasonic AG-AF100 (Obj. Ø 50-85 mm)	450R2-AF1KIT
Panasonic AG-AF100 (Obj. Ø 75-98 mm)	450R2-AF2KIT
Panasonic HPX 300	450R2-HPXKIT
Panasonic HPX 170/171 / HMC 150/151 / Sony HVR-Z5	450R2-HMCKIT
Panasonic HPX 250 / 160 / 130	450R2-HPX250KIT
JVC GY-HD200 / 251	450R2-JVC200KIT
JVC GY-HM700 (for 14x4.4 lens)	450R2-JVC700AKIT
JVC GY-HM750	450R2-JVC750KIT
JVC GY-HM100	450R2-JVCHM1KIT
MB 456 Academy Camera complete Sets:	Article No.
Canon EOS C300 / C500	456-20C300HDKIT
Sony PMW-F3	456-20F3HDKIT
Sony PMW-F3 (15 mm CF rods)	456-20F3HDCFKIT
Panasonic AG-3DA1	456-203DA1KIT
Panasonic AG-AF100 (Lens Ø 95-125 mm)	456-20AF1KIT
Panasonic AG-AF100 (Lens Ø 95-125 mm)	456-20AFHDKIT
MB 456 Academy / Arri ALEXA complete Sets:	Article No.
ALEXA Basic Kit (incl. MatteBox)	456-20AL
ALEXA Studio Rig Kit (incl. MB and Follow Focus)	456-20ALSR
ALEXA CF19 Kit / Sony V-mount (19 mm CF rods)	401-121CFKIT

For further **DSLR Kits** please go to:

<http://www.chrosziel.com/prod.asp?wdid=39&pid=1109&sid=0> or download from <http://www.chrosziel.com> our **InfoPage DSLR**.

The **MatteBox 450R2** and **450W Kits** comprise the LWS Light-Weight-Supports with base 401-400/440 and a Light-Prevention-Ring fitting to the standard lens. The same applies to the version for the Panasonic AG-3DA1 with the MB 456 Academy.

The **MatteBox 456 Academy Kits** comprise the LWS HD with a second rod stabilizer and split aluminum rods with 15 mm diameter. The basic rod has the length of 310 mm. There is an extension with 190 mm. The **CF Kits** comprise Chrosziel carbon fibre rods with 15 mm Ø and 500 mm length instead of the aluminum rods.

As light cover, these kits come with the Flexi-Light-Prevention-Ring, 411-68, for lens diameters from 95 to 125 mm.

Alexa Kits:

They comprise **MB 456 Academy** and the Flexi-Insert-Ring, 411-68, for lens diameters from 95 to 125 mm.

The **Basic Kit** is supported by the telescopic VariTube rods and the DSW 500 Direct-Swing-System.

The **Studio Rig Kit** additionally comprises the follow focus Studio Rig Cine Single (204-01S) with drive gear Ø 36,8 mm, mod 0.8 (201-22).

The **ALEXA CF19 Kit** comprises QuickLock plate, bridge plate and precision ground 19 mm carbon fibre rods (CF) with 500 mm length. The CF rods are made to Chrosziel specification and save more than 80% of weight compared to steel rods.

