

MB 450 Product family for DV/HDV Camcorder, with DSW[®] Direct swing system

The 8 MatteBoxes in the 450 series perfectly meet the requirements of shooting with compact camcorders.

All models fit the 15 mm Lightweight Supports on the basis 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 450R2 Super Wide** both filter stages have identical multi-format filterholders 410-04 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-Away System** offers an unparalleled comfort for quick and easy lens change. It can be factory fitted or added on by the user.

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.

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



DSW[®] version- for
Chrosziel rods with
inside thread.



DSWC[®] -
version with
clamp adaptor
for all support
rods without
inside thread.



**MB 450R2 Super Wide - the only
MatteBox with rotating Double
Filter Stage at F = 2.6 mm.**

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 450R2 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)	110 / 130 Super Wide
Support system: DV light-weight supports with rod Ø mm	15

** 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.

MB 450 product family for DV / HDV camcorders.



Support system with the base 401-400.



Light prevention ring.

Flexi ring.



DSW[®] Direct swing-away system adapter



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 und light prevention ring adapted to the camera.

Supports and accessories, complete sets:

The support 401-400 is the base which connects and positions the optical axis of the camera through the individual camera plate. Light-Protection-Rings attach the MatteBox to the lens.

Components:	Article no.
MB 450R1, 1 Multiformat filter holder 4x4/4x5.560"	450-R10
MB 450R2	450-R20
MB 450R2-DSW [®] , Direct-Swing-Away System thread connection	450-R20D
MB 450R2-DSWC [®] , Direct-Swing-Away System clamp connect.	450-R20DC
MB 450R2 Super Wide , 2 Multiformat 4x4/5.65 filter holder	450W-R20
MB 450R3	450-R30
MB 450R3-DSW, Direct-Swing-Away System thread connection	450-R30D
MB 450R3-DSWC, Direct-Swing-Away System clamp connect.	450-R30DC
MB 450 Camera Complete Sets:	
Canon XH G1 / A1	450R2-XHG1IT
Canon XL HD1 / XL-2	450R2-XLHD1IT
Sony HVR-V1	450R2-V1KIT
Sony PMW-EX1 / HVR-Z7	450R2-EX1KIT
Sony PMW-EX3	450R2-EX3AKIT
Sony PMW-EX3 Super Wide Angle pack	456R2-EX3KIT
Sony HDR-FX1 & HVR-Z1	450R2-HDVKIT
Panasonic HVX-200 / 200 A	450R2-HVXKIT
Panasonic HPX 170/171 / HMC 150/151 / Sony HVR-Z5	450R2-HMCKIT
JVC GY-HD100 / 101	450R2-JVC100KIT
JVC GY-HD200 / 251	450R2-JVC200TPKIT
JVC GY-HM700	450R2-JVC700AKIT
JVC GY-HM100	450R2-JVCHM1KIT
Accessories: Pair of Side-Wings	450-10
Pivot mechanism for lower French Flag	450-11-01
Foldable French Flag, width 34,5 cm	450-11
Choose if necessary support system and light-protection-rings according to your camera and lens.	
The DSW [®] Swing-Away System is separately available.	
Mounting Set DSW [®] 400 with thread connection	401-402S
Mounting Set DSW [®] 400 with clamp connection	401-403S

Selection Guide - MB 450 Product family

All MB 450 – the new designs fit in the same support system with 15 mm rods as do their previous models.

All MatteBoxes MB:	Camera Type	Light prevention ring Art.No. Ø:Ømm		Support Art. No.	Gear ring for the lens / Drive wheel f. the focus pull device DV Studio Rig and HDV Rig VariLock Art. No./Art. No. mod Drive wheel Ø mm		
450-01 450-02 450R1 450R2 450R2 S. Wide 450R3 450R2-DSW [©] 450R3-DSW [©] 450R2-DSWC [©] 450R3-DSWC [©]	Canon XH G1 / A1	450-15	110:81	401-419	----- / 206-15	0.5	38,0
	Canon XL HD1 / XL-2	450-15	110:81	401-411	206-23 / 206-12	0.8	36,8
	Sony HVR-V1	450-15	110:81	401-418	206-25 / 206-14	0.8	20,8
	Sony PMW-EX1	410-39	110:85	401-417	206-24 / 206-12	0.8	36,8
	Sony PMW-EX3	410-39	110:85	401-422	206-24 / 206-12	0.8	36,8
	Sony HDR-FX1 & HVR-Z1	450-15	110:81	401-417	206-22 / 206-14	0.8	20,8
	Sony HVR-Z5	411-72	110:M72	401-420	206-24 / 206-12	0.8	36,8
	Sony HVR-Z7	410-39	110:85	401-417	206-27 / 206-12	0.8	36,8
	Panasonic HVX-200 / 200A	450-16A	110:91	401-415	206-24 / 206-12	0.8	36,8
	Panasonic HPX170/171/HMC150/151	411-72	110:M72	401-420	206-28 / 206-12	0.8	36,8
	JVC GY-HD100 / 101	410-39	110:85	401-413	----- / 206-16	0.6	38,0
	JVC GY-HD200 / 251	410-39	110:85*	401-65	----- / 206-16	0.6	38,0
	JVC GY-HM700	411-72	110:M72	401-63	----- / 206-16	0.8	36,8
	JVC GY-HM100	450-17	110:70	401-423	206-30 / 206-14	0.8	20,8
	DSLR Canon EOS 5D / Nikon D90	Depending on lens		401-421S	**206-30 / 206-12	0.8	36,8
	DSLR Canon EOS 1D / 5D with battery handle / Nikon D3S	Depending on lens		401-93	"		
	For wide angle attachments and exchangeable	Flexi-Rings					
prime lenses Video and Photo	450-20	110:75-98					
For 450R2 Super Wide:	411-68	130:95-125					
Step-down ring with Ø110mm thread	411-67	130:110					

* Suitable for Fujinon 16x5.5; 13x3.5 and wide angle attachment WCV-82SC
** FlexiGearRing[©] fits to lens-Ø 60 mm – 120 mm, also for combination with Studio Rig Photo.

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

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

