

## MB 450 Product family for DV/HDV Camcorder, with DSW<sup>®</sup> Direct swing system

**MB 450R3 - the only HDV MatteBox with rotating Triple Filter Stage.**

R2 and R3 versions are usable from F = 3.3mm when the first stage is in horizontal position.



**DSW<sup>®</sup>** version- for Chrosziel rods with inside thread.



**DSWC<sup>®</sup>** - 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 = 3.3 mm.**

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.

The models **MB 450R2**, **MB 450R2-DSW<sup>®</sup>** and **MB 450R2-DSWC<sup>®</sup>** come with a double rotating filterstage for 4x5.65" (front stage) and 4x4" filters.

The models **MB 450R3**, **MB 450R3-DSW<sup>®</sup>** and **MB 450R3-DSWC<sup>®</sup>** come with a triple rotating filterstage for 4x5.65" (front stages) and 4x4" filters.

All filters can be moved vertically and fixed in all positions, **all filters are also rotating.**

The MB 450 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\*\*.

For cameras with interchangeable lenses, the **DSW<sup>®</sup> Direct Swing-Away System** offers an unparalleled comfort for quick and easy lens change.

**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. It comes with Ø 15mm **rod- and clamp-on-adaptor Ø130mm.**

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

### Technical Data:

Max. wide-angle focal length (1/3"HD Chip)	<b>4.1</b> , (6.2 XDCAM)
<b>MB 450R2 / R3</b> F=mm	
<b>MB 450R1</b> and <b>MB 450R2 Super Wide</b> F=mm	<b>3.3</b> , (5.0 XDCAM)
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
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<sup>®</sup> 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	450-R10
MB 450R2	450-R20
MB 450R2-DSW <sup>®</sup> , Direct-Swing-Away System thread connection	450-R20D
MB 450R2-DSWC <sup>®</sup> , Direct-Swing-Away System clamp connect.	450-R20DC
MB 450R2 <b>Super Wide</b> , 2 Multiformat 4x4/5.65 filter	456-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 HPX171 / HMC151 / 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, Breite 34,5 cm	450-11
Choose if necessary support system and light-protection-rings according to your camera and lens.	
The DSW <sup>®</sup> Swing-Away System is separately available.	
Mounting Set DSW <sup>®</sup> 400 with thread connection	401-402S
Mounting Set DSW <sup>®</sup> 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 450R3 450R2-DSW <sup>©</sup> 450R3-DSW <sup>©</sup> 450R2-DSWC <sup>©</sup> 450R3-DSWC <sup>©</sup>	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
	<b>DSLR (Canon EOS 5D / Nikon D90)</b>	Depending on lens		<b>401-421</b>	**206-30 / 206-12	0.8	36,8
* Suitable for Fujinon 16x5.5; 13x3.5 and wide angle attachment WCV-82SC							
** FlexiGearRing <sup>©</sup> fits to lens-Ø 60mm – 120 mm, also for combination with Studio Rig Photo.							
For wide angle attachments and exchangeable prime lenses.		<b>Flexi-Rings</b>					
		450-20	110:75-98				
		450-22	110:50-85				

### 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)

