

## 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")       |
| <b>MB 450R2</b> F=mm   |                           |
| <b>MB 450R1 and MB 450W Super Wide</b>   | 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.

## MB 450 product family for small camcorder and DSLR.



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                         |
| <b>MB 450R2</b>   | <b>450-R21</b>                  |
| MB 450R2-DSWC, with DSW 400 Direct-Swing-System   | 450-R21DC                       |
| MB 450W Super Wide, 2 Multiformat 4x4/5.65 filter holder  | 450W-21                         |
| <b>MB 450R3</b>   | <b>450-R31</b>                  |
| MB 450R3-DSWC, with DSW 400 Direct-Swing-System   | 450-R31DC                       |
|   |                                 |
|   |                                 |
| <b>MB 450 Camera Complete Sets:</b>   | <b>Please see overview page</b> |
|   |                                 |
| 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                          |
| <b>Choose if necessary support system and Light-Prevention-Rings according to your camera and lens.</b> |                                 |
| <b>The DSW Direct-Swing-System is separately available.</b>   |                                 |
| 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<br>450R2<br>450W<br>450R3<br>450R2-DC<br>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             |
|   | <b>DSLR:</b>                                      |                            |                 | 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<br>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                    |                 | <b>FlexiRings f. MB 450</b>                     | <b>Insert Rings 456</b> |                     |
| 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<br>(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 <b>Super Wide Kit</b> , wide angle               | <b>450W-EX3KIT</b> |
| 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.

