



User manual

Follow Focus MFC-6

System

Version 1.0.0



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Introduction

Thank you for purchasing a Vocas product. You are now the owner of a revolutionary double sided follow focus! Its modular design, the self adjusting drive arm is unique in the market. More than 25 years of experience are part of MFC-6 'design and functionality.

We believe that the Vocas MFC-6 gives you the perfect configuration for your camera and operating your focus with excellent precision.

Before you start to use your new accessory, please read these instructions carefully to enjoy optimum performance and a longer service life. Keep this manual in a safe place for future reference.

In the interest of continually improving products, Vocas Systems B.V. reserves the right to update or modify information contained in this manual.



Available kits:

Since the MFC-6 has a modular design every combination, next to the two available kits, is possible.

MFC-6 1:1 kit, 0500-4010

Box contents:

- MFC-6 gear box 15 mm 0500-1500
- 2x Knob standard, 0500-1201
- MFC-6 drive arm 1:1 0500-1550
- Drive gear M0,8/40 T, 0500-0601

MFC-6 1:2 kit, 0500-4011

Box contents:

- MFC-6 gear box 15 mm 0500-1500
- 2x Knob standard, 0500-1201
- MFC-6 drive arm 1:2 0500-1551
- Drive gear M0,8/40 T, 0500-0601

Guide to modules & components:



Modules

A:

Knob standard, 0500-1201
Knob standard with 1 adjustable stop, 0500-1205
Knob wood, 0500-1211
Knob wood with 1 adjustable stop, 0500-1215

B:

MFC-6 gear box 15 mm 0500-1500

C:

MFC-6 drive arm 1:1 0500-1550
MFC-6 drive arm 1:2 0500-1551

D:

Drive gear M0,8/36 T, 0500-0600
Drive gear M0,8/40 T, 0500-0601
Drive gear M0,8/46 T, 0500-0602
Drive gear M0,8/54 T, 0500-0603
Drive gear M0,8/36 T x 18 mm wide, 0500-0605
Drive gear M0,6/48 T, 0500-0610
Drive gear M0,5/60 T, 0500-0620

Components

A. Knobs

Valid for:
Knob standard, 0500-1201
Knob standard with 1 adjustable stop, 0500-1205
Knob wood, 0500-1211
Knob wood with 1 adjustable stop, 0500-1215



1. Rotation knob

By rotating the standard or wooden knob, you will also rotate the drive gear.

2. Scale

You can make marks on the scale for references or calibrating purposes.

To remove or replace the scale, simply pull it off the knob.

There is a reference pin on the knob so the scale will always reattach in the same position.

Spare scales are available, please see the chapter 'accessories' for more information.

3, 4, 5. Adjustable stop

To engage the stop simply pull on the red button nr. 3.

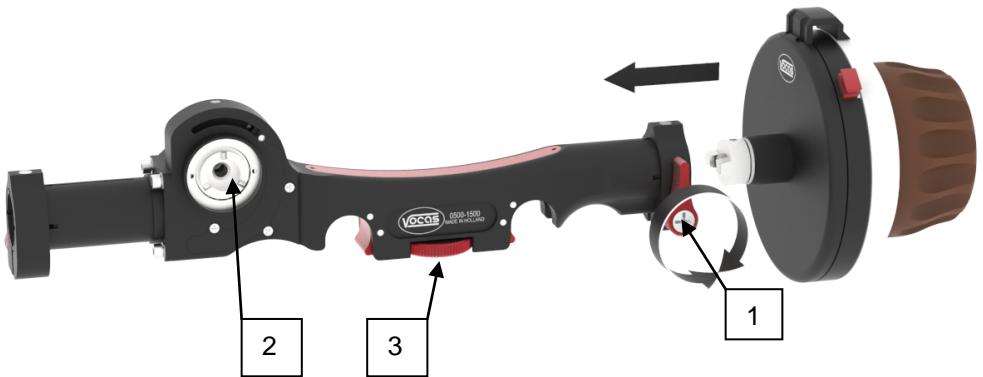
To adjust the stop's position, simply loosen the red knob nr. 4 and move the stop while holding the focus knob nr. 1.

When the stop is in the correct position tighten the red knob nr. 4 to lock the position of the stop in relation to the focus knob.

To disengage the stop, simply push the red button nr. 3 down so it no longer hits the bridge nr.5.

B. MFC-6 gear box 15 mm

Valid for:
MFC-6 gear box 15 mm 0500-1500



1. Focus knob lock

Use the red winged nut nr.1 to lock or release the focus knob to the gear box.

When attaching the focus knob to the gear box, make sure to fasten the red winged nut while putting some inward pressure on the focus knob. This will prevent play between the focus knob and the gear box.

2. Gear mount

You can mount different drive arms onto the gear mount nr.2.

Please see chapter 'How to mount the drive arm' on page 10 for further explanation.

For all Vocas drive arms see chapter 'accessories' on page 15.

3. 15 mm Fastening nut

Turn the red nut nr. 3 counterclockwise to open the 15 mm clampers of the bracket and remove it from the bars.

Turn the red nut clockwise to lock the bracket when on 15 mm bars.

C. Drive arms

Valid for:
MFC-6 Drive arm 1:1 0500-1550
MFC-6 Drive arm 1:2 0500-1551



1. Drive arm rotation lock

Rotate this red winged nut to lock the rotation of the arm.
Counterclockwise to release and clockwise to fasten.

2. Drive arm lock wheel

Use this lock wheel to attach or remove the arm to the MFC-6 gear box 15 mm (0500-1500).

3 & 4. Belt play adjustment

See chapter 'How to adjust the belt' on page 13 for further explanation.

5. Drive gear mount

You can mount different drive gears onto the gear mount nr.5, please see chapter 'Accessories' on page 16 for all compatible drive gears.

6. Hole for gear box pin

This hole is meant for the spring loaded pin of the MFC-6 gear box and enables the self adjustment feature of the drive arm. Please see chapter 'How to mount the drive arm' on page 10.

D. Drive gears

Valid for:

Drive gear M0,8/40 T, 0500-0601 / Drive gear M0,8/46 T, 0500-0602

Drive gear M0,8/54 T, 0500-0603 / Drive gear M0,6/48 T, 0500-0610

Drive gear M0,5/60 T, 0500-0620 / Drive gear M0,8/36 T, 0500-0600

Drive gear M0,8/36 T x 18 mm wide, 0500-0605



1. Drive gear lock screw

Use the red drive gear lock screw to attach the drive gear to either side of the gear mount of the follow focus.

The drive gear M0,8/40 T, 0500-0601 is included in the following kits:

- MFC-6 1:1 kit, 0500-4010
- MFC-6 1:2 kit, 0500-4011

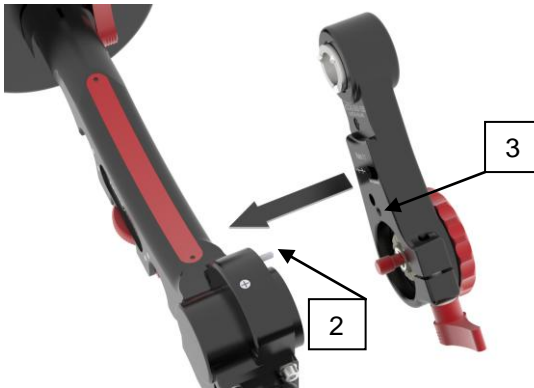
How to:

1. Mount the drive arm

1. Make sure that the red winged nut is in the indicated open position (rotate counterclockwise).
This winged nut does not have a ratchet function.



2. Center the drive arm onto the gearbox 15 mm.
Make sure that pin nr.2 of the gear box goes into hole nr.3 of the in drive arm.



3. Rotate the drive arm lock wheel nr.4 clockwise for fastening the drive arm onto the gear box 15 mm.
Hold the focus knob nr.5 to tighten the lock wheel nr.4 properly.



2. Adjust the drive arm:

1. Drive arm rotation lock

Make sure that the red winged nut is in the indicated open position (see nr.1, rotate counterclockwise).

This winged nut does not have a ratchet function.



2. Engaging the lens

Pull the drive arm backwards and release it.

The drive arm will now return to the lens and exert with the correct pressure to the lens.

The correct pressure on the lens is important.

If the pressure is not enough there will be play in the follow focus.

If there is excessive pressure on the lens you will feel the teeth by rotating the focus knob.



3. Adjust the belt drive

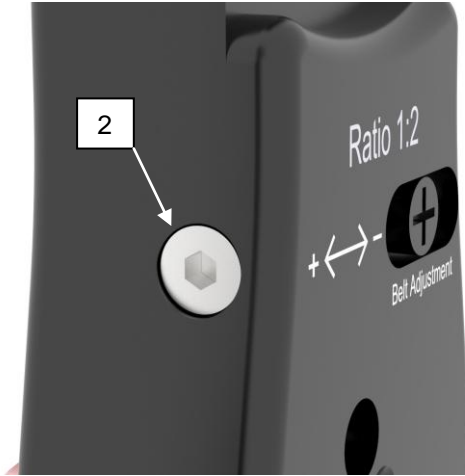


The belt drive of the drive arm may develop some play after frequent use. This is especially true if used with heavy turning lenses. The drive arms can be easily adjusted by yourself. This chapter explains how to adjust the play.

1. First loosen screw nr.1



2. Carefully rotate screw nr.2 clockwise, this moves the offset wheel inward and tightens the belt.



3. If you don't feel any play in the drive arm and also don't feel any teeth of the belt, refasten screw nr.1 to lock your setting.

4. Ratchet the red winged nuts

In some cases the red winged nuts can hit other parts of the follow focus while not locking properly. In this case you can always ratchet the winged nut by pulling it upwards and twisting it to the position you need.

(In some cases, this winged nut is not assembled to ratchet because its not always necessary)



Accessories:

Drive arms:

MFC-6 drive arm 1:1 0500-1550

This drive arm is recommended for lenses with a short focus throw. (such as many DSLR lenses)

MFC-6 drive arm 1:2 0500-1551

This drive arm is recommended for lenses with a long focus throw. (such as Cine, Prime lenses)



Drive gears:

There are multiple variations of drive gears for different lens modules and rotation ratios

Drive gear M0,8/36 T, 0500-0600



Drive gear M0,8/40 T, 0500-0601



Drive gear M0,8/46 T, 0500-0602



Drive gear M0,8/54 T, 0500-0603



Drive gear M0,8/36 T x 18 mm wide, 0500-0605



Drive gear M0,6/48 T, 0500-0610



Drive gear M0,5/60 T, 0500-0620



Rail adapters:

15 mm to 19mm Adapter low for snap-on 0500-1560

This adapter is made to snap between your MFC-6 and on your 19 mm rails.



15 mm to 15 mm Studio adapter low for snap-on 0500-1565

This adapter is made to snap between your MFC-6 and on your 15 mm studio rails.



Knobs:

Knob standard, 0500-1201



Knob standard with 1 adjustable stop, 0500-1205



Knob wood, 0500-1211



Knob wood with 1 adjustable stop, 0500-1215



Flex cable 500 mm, 0500-0400

You can use this cable to focus from distance. (such as behind your tripod)



Star knob, 0500-0500

You can use this star knob for better grip in extreme circumstances. This knob fits onto the vocas focus knob.



MFC-2 spare scale, 0500-0700

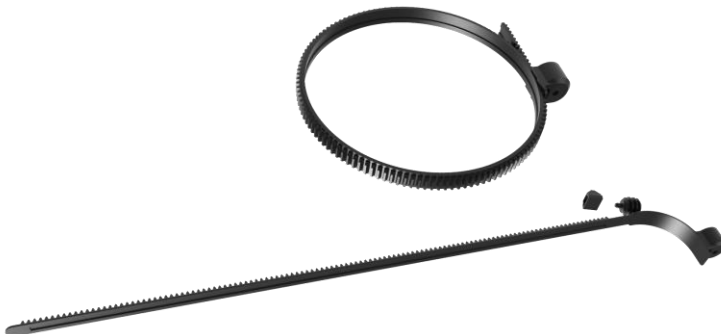
You can use a multiple scales on your focus knobs to make calibrations for all your lenses.



Gear rings:

Flexible gear ring, with 2 movable stops, 0500-0295

Use this gear ring for lenses without any teeth on the focus barrel. This gear ring has a tooth size of M0,8.



For all available accessories and compatibilities please check our website: www.vocas.com

Additional information

Our wooden parts are made of walnut wood. These parts are oiled with a paraffin based oil. After a while the wood may need some maintenance, this oil can be used.

One of the unique features of the Vocas follow focus is that they are assembled without play. However, the follow focus may develop some play after frequent use. This is especially true if used with heavy turning lenses. The drive arms can be easily adjusted by yourself by reading chapter 'Adjust the belt'. For other parts please contact your local dealer or distributor for adjusting the play of your follow focus.

Contact data:

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