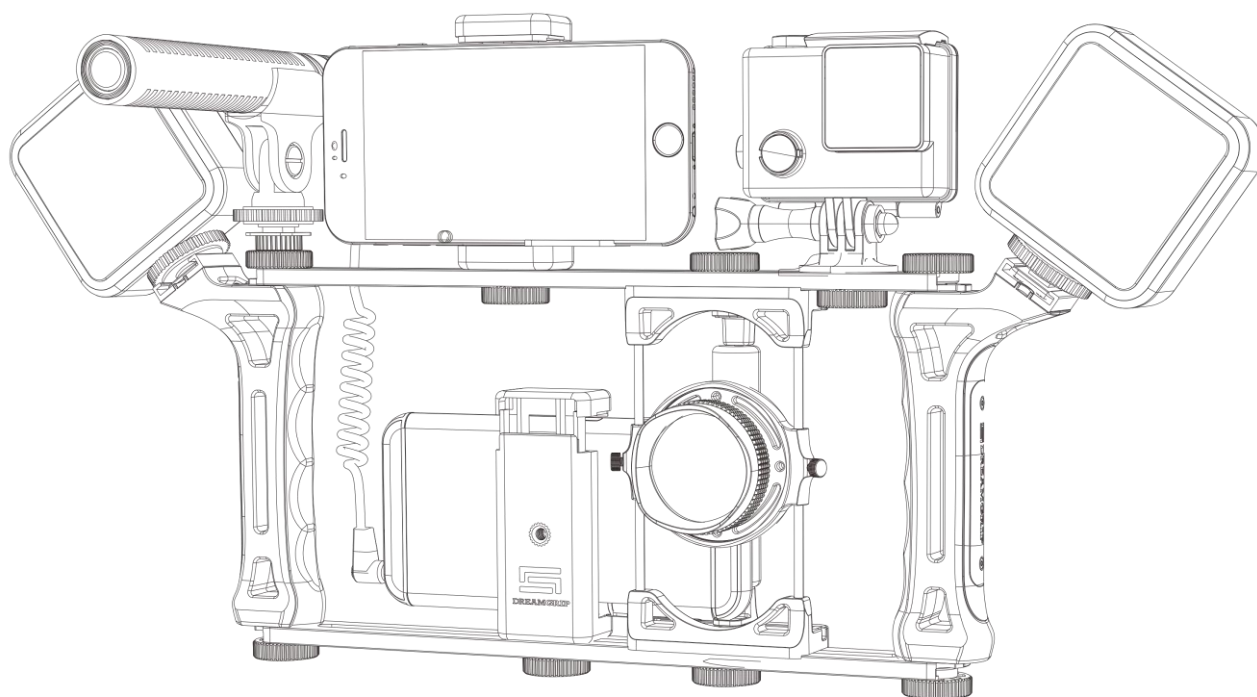


DREAMGRIP™ Universal Transformer Rig Evolution Series



USER MANUAL

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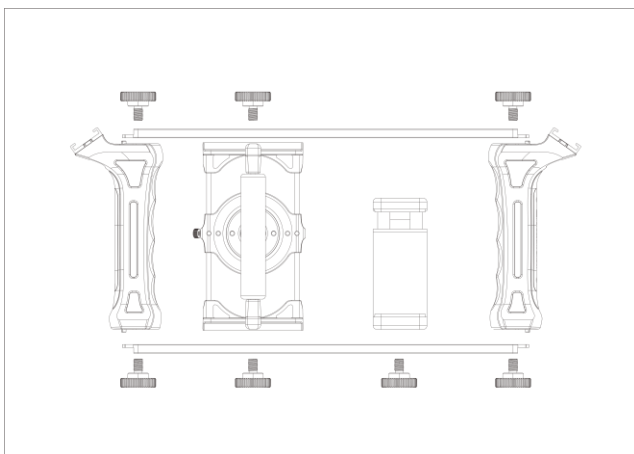
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I. PRODUCT OVERVIEW

DREAMGRIP™ Evolution is the Universal Transformable **Rig** system that helps you to use your smartphone as HD camera with external accessories for better stabilization, enhanced light, better sound recording, optical effects and more. **DREAMGRIP™ Evolution** makes you able to film with several devices at the same time including SLR and Action cameras as well as with any smartphone.

II. BOX CONTENT

DREAMGRIP™ Evolution Rig features two moulded ergonomic Grips for secure and convenient hold; two aluminum Tracks, one Clamp Holder, one Optics Adaptor system, and 7 standard 1/4" tightening Bolts to connect all the elements.

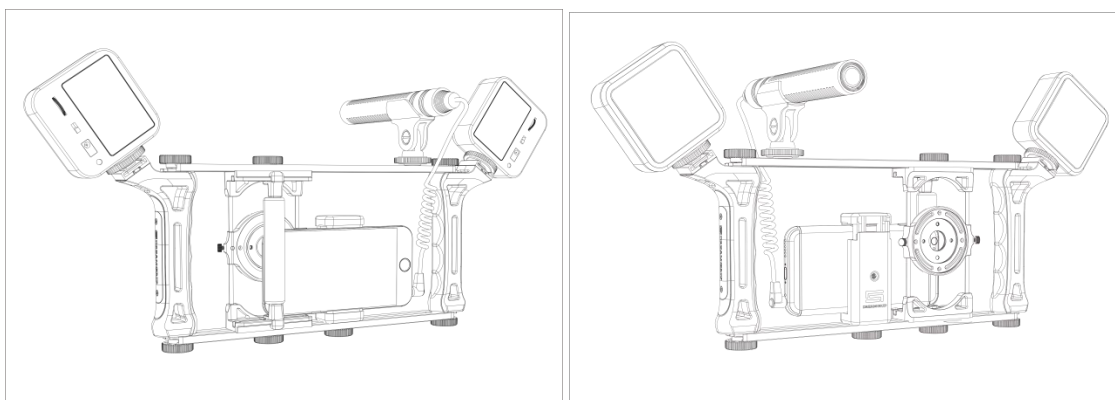


Pic.1. Evolution Rig elements

DREAMGRIP™ Evolution PRO set also contains 37-52mm aluminum Hood, 52mm CPL and ND2 filters, original light absorption Blinder with two 1/8" screws, one 1/4" Double Stud connecting bolt, and original shoulder Strap.

DREAMGRIP™ Evolution MOJO set contains all the items above that are included in **Evolution PRO** set, but comes with extra

- Two 36 LED lights with USB charging cables;
- Gun Microphone with standard 3,5 Jack, foam windshield and cold shoe snap mount;
- One extra Clamp Holder with one more 1/4" tightening Bolt.



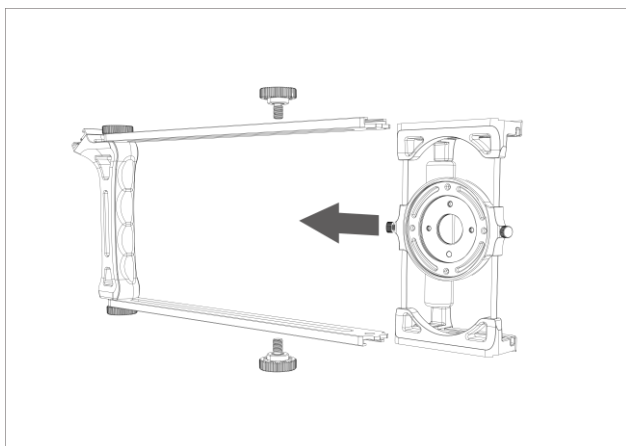
Pic.2. Evolution Rig assembled with two LED lights and Gun Microphone.

III. ASSEMBLING AND DISASSEMBLING THE RIG

DREAMGRIP™ Evolution PRO set comes assembled in the box.

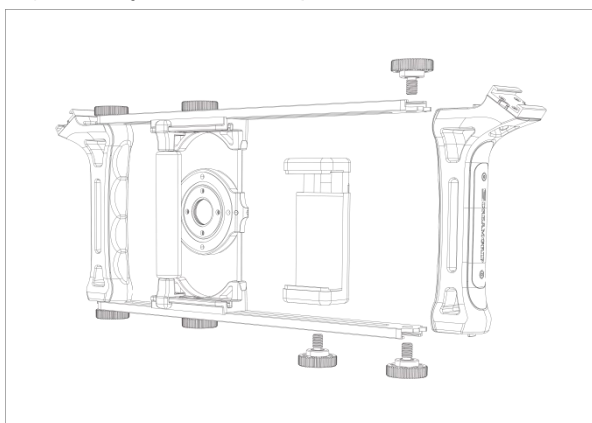
DREAMGRIP™ Evolution MOJO comes disassembled in the box, but can be assembled easily in about a minute. We recommend the sequence as below:

- 1) Connect a Grip with two Tracks and tighten them with two ¼" Bolts.
- 2) Slide the Optics Adaptor between the tracks from the open side and tighten it with two more Bolts from the top and the bottom through Track cavity.



Pic.3. Sliding the Optics Adaptor between Tracks.

- 3) Attach the second Grip and tight it up with two Bolts.
- 4) Finally attach Clamp Holder and fix it with the Bolt.



Pic.4. Attaching the Clamp holder and the second Grip.

NOTE: To disassemble the Rig take the same actions in an inverse sequence.

(!TIP: Use the Double Stud bolt together with standard ¼" Bolts to connect elements together to construct alternative rigs. As an example, refer to the picture at the back side of the retail box. You can see one Grip with Microphone directly connected to the Clamp Holder for one hand held shooting. For more Transforming options you may check the website www.deramgrip.com

IV. USING THE RIG WITH A SMARTPHONE

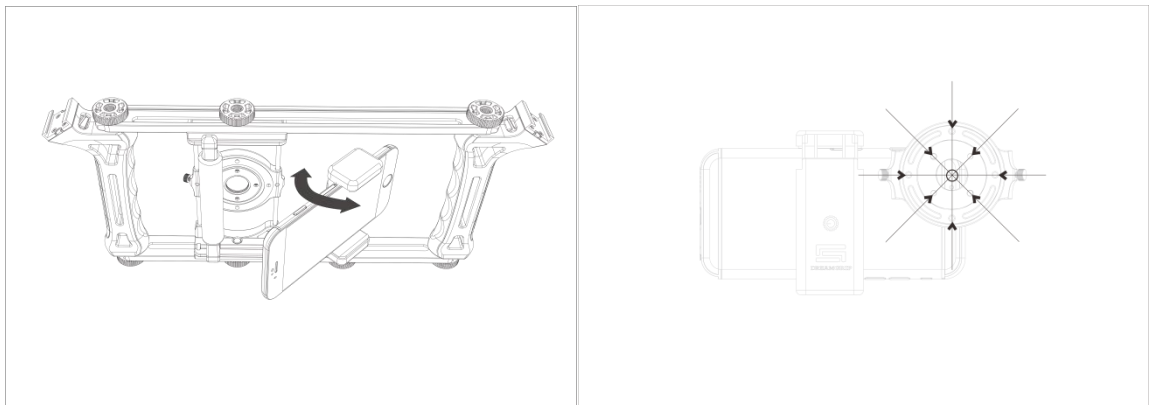
The construction of **DREAMGRIP™ Evolution** allows you to adjust positions of the elements to align them to a particular phone and camera location. To load a phone into the Rig we recommend you to follow the sequence below.

- 1) Loosen the Bolt that fixes the Clamp Holder and turn the holder anticlockwise about 45° to the Track.
- 2) Insert the phone into the Clamp Holder by pushing its top jaw up while heading phone's top side with camera towards Optics Adapter. If you have a phone with corner camera position - load the phone to have camera side up for the better alignment with Optics Adapter.

(!TIP: Check the position of control bottoms at sides of your phone to ensure the Clamp does not push them.

- 3) Turn the Clamp Holder with your phone clockwise to align in parallel with the Sliders. Loosen the two small fixing screws at the front side on the Optics Cup to align it with phone's camera position on vertical axis.

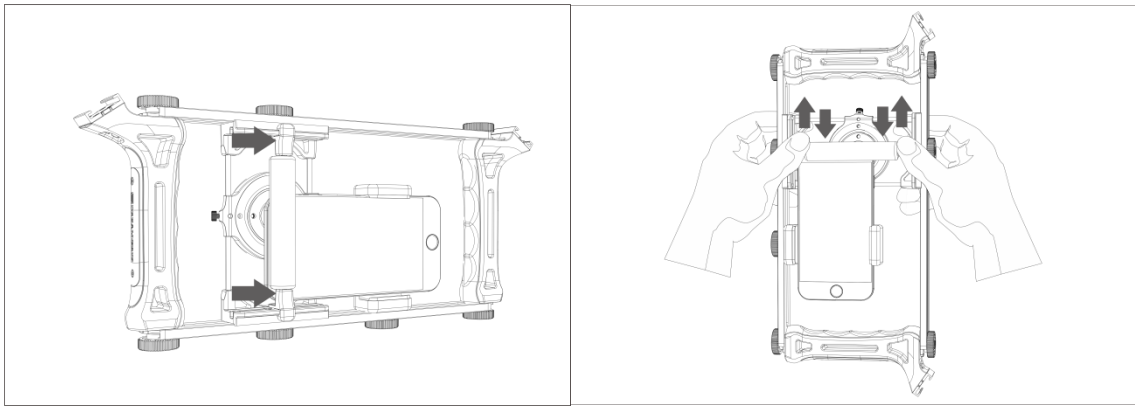
(!TIP: Use the holes as marks to align the Cup position easy and fast (Pic.6). Be picky and precise finding the very middle if you are planning to use any lens.



Pic.5. Inserting the phone

Pic.6. Aligning camera to the Optics Cup.

- 4) Tighten the Clamp Holder screw first, then loosen two tightening screws at Optics Cup and align the central circle precisely to have the phone camera in a very center of it.
- 5) Move the Pushing Bar with two thumbs (pic.7) to push the phone tightly to the cup from the other side to fix the phone's position securely against the center of Optics Cup. Then tighten up the Bolts on Optics Adapter to fix it on Tracks first, and finally tighten the two small Cup screws to ensure all the elements are aligned.



Pic.7. Fixing a phone with the Pushing Bar.

(!TIP: Some phones have a luminosity sensor at the top of the front screen. If your phone has automatic mode of screen brightness setting and the pushing bar covers the sensor - your phone will decrease screen brightness to a night mode automatically. To prevent the effect change the settings of your phone to a manual screen brightness control.

NOTE: The higher screen brightness may consume more power and discharge your phone faster.

NOTE: If your phone has two cameras, and you are planning to use both of them for filming – you may need to take out the 37-17mm step down adapter to have more open space for both cameras. Although in such a case you may need to install Blinder for the better filming results to prevent back light reflection on optics (please refer to **Installing The Blinder** and **Using Lenses** chapters below).

(!TIP: The 37-17mm step down adapter features 4 holes, each with 1/8” thread. You may screw in two small Blinder fixing bolts to use as leverage if the adapter accidentally got stuck in the inside the Lens Cup.

(!ATTENTION: You should remove the phone from the Lens Adaptor before using the two screws as leverage **to prevent from scratching your phone!**

NOTE: Normally the most of smartphones are likely to operate only one camera at the same time while taking a photo, and only one camera is able to film the video. It means you need to have the actual filming camera centered against the Optics Cup if you use a lens (not included). For more information regarding the double camera system functions please refer to your phone supplier, specification and manual of your phone.

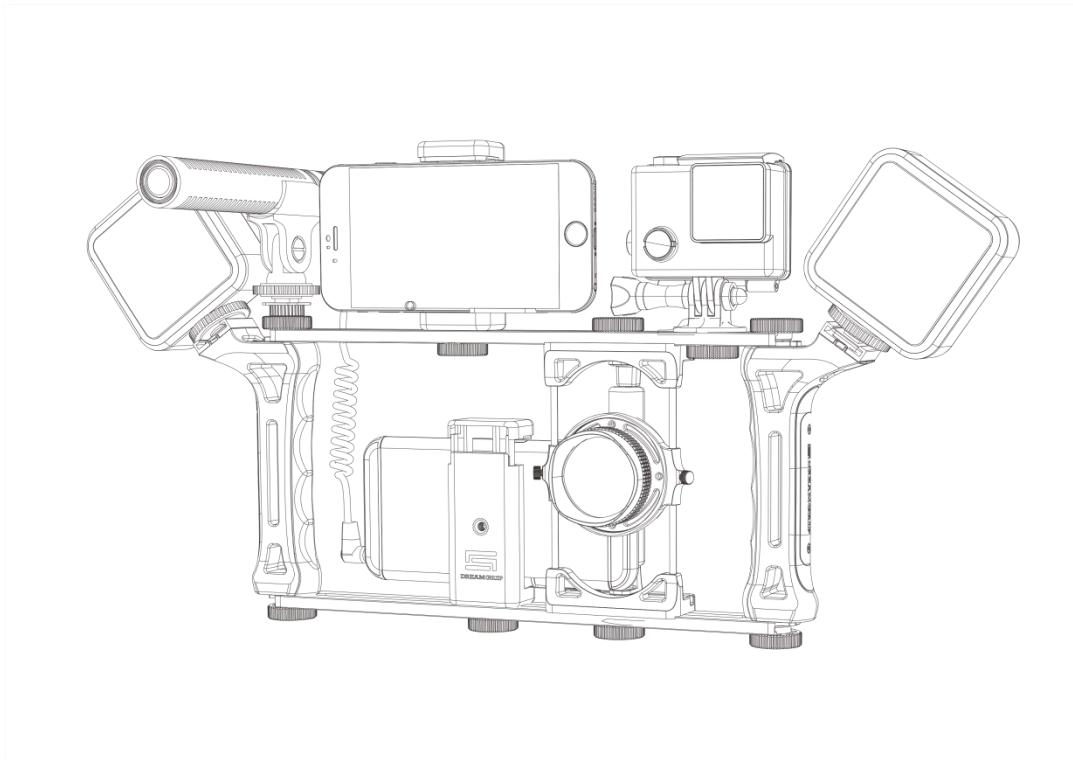
(!TIP: It is more important to get the camera and Optics Cup centered if you use a lens. If you are going to use just a filter or a hood, the position of your camera is good as long as you can't see any obstacles at the edges of the visual frame while using the camera.

V. USING THE RIG WITH SLR AND ACTION CAMERA

You can use several cameras at the same time with the rig. To do so first refer to a manual of your camera and check what connecting/mounting options and accessories it has. SLR cameras normally equipped with a standard 1/4" screw at the bottom side. You can fix the camera at the Rig by using a standard 1/4" Bolt to tighten it from the other side of the Track through the cavity.

Action cameras normally equipped with several connection accessories including the same standard 1/4" screw connection kit. Although some cameras come with a standard cold shoe adapter. In such a case you can use it to fix the camera anywhere along the top or bottom of the Track.

You can also mount the second phone to use either as an extra camera or as a display with the Clamp holder (the second clamp holder with extra 1/4" bolt are included in the **Evolution MOJO** set only).

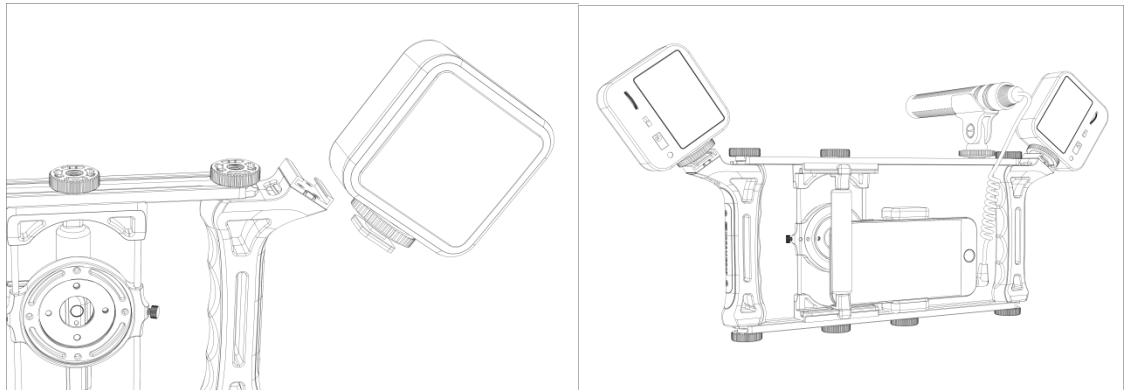


Pic.8. Evolution Rig with two Smartphones and Action camera.

(!TIP: You also can use the Clamp holder to accommodate external Power Bank (not included).

VI. MOUNTING LED LIGHTS

Each of two Grip features one cold shoe nest on a tilted platform. To mount the LED lights on it you need to first to lose the tightening nut on the light base, slide it into the cold shoe, and tighten the nut to fix the light on the Rig.



Pic.9. Mounting LED lights (included in Evolution MOJO set only).

The tilted cold shoes on the Grips is the best place for the two LED lights as the lightening has less shadow if two light sources are placed in a distance one from the other. Although you can use the lights at any other position at the Rig along the Tracks, or even connect it on top of each other through the cold shoe formed nests at 3 sides of the LED light housing.

NOTE: Before using the light at the very first time you need to release the protective film that isolates the accumulator contacts for safe transportation.

The accumulator capacity normally is enough to support the light for at least one hour with high light intensity. The accumulator can be recharged with a standard USB power supply adapter (not included) or any other device with USB power supply as a laptop (not included).

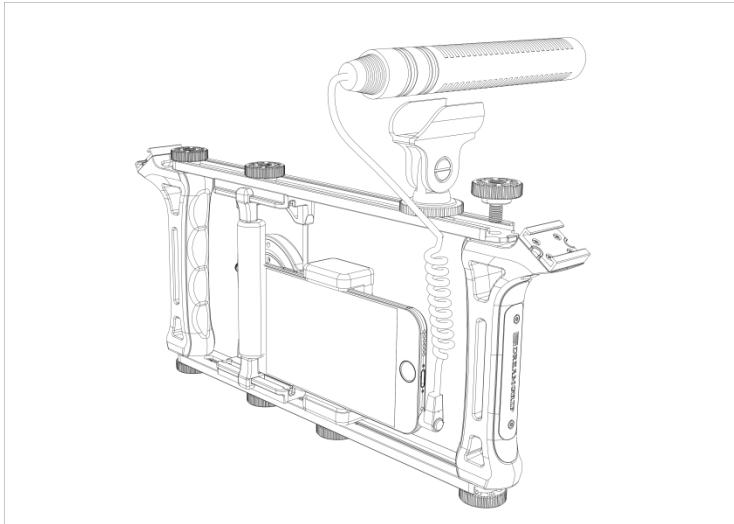
(!) ATTENTION: For your safety use only the original USB cable (2 cables included in **Evolution MOJO** set only) to recharge the accumulator.

(!) TIP: Use the dimmer to control the light intensity depends of the particular external light conditions and the current distance to the filming object.

(!) TIP: Grips can be fixed on the Rig in one of the three positions using cavities at the ends of Tracks. It will help you to adjust the light directions for shooting a close object.

VII. MOUNTING THE MICROPHONE

Standard Gun Microphone in **DREAMGRIP™ Evolution MOJO** set features universal cold shoe snap holder. The recommended position for it is on the top Track close to the side of your phone with audio input. To mount the holder, first remove the top Bolt from a Grip. Then lose the tightening nut on the Mic's Cold Shoe mount to let the base slide in the Track. Then tighten the Bolt back to the Grip first, and tighten the nut on the Mic mount after it. After the holder is fixed on the Track snap the Mic in it and connect cable to the Phone.



Pic.10. Mounting the Gun Microphone (included in Evolution MOJO set only).

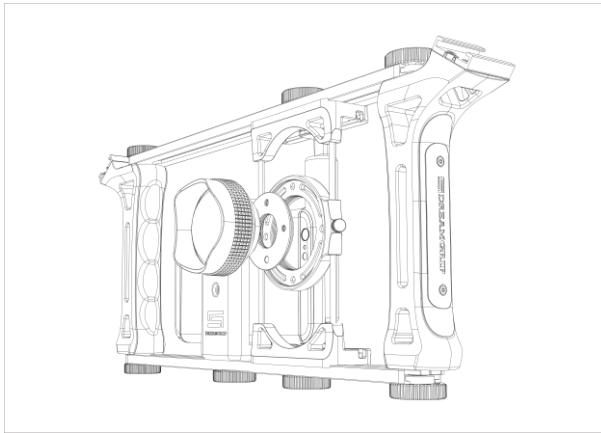
NOTE: The Microphone has standard Audio Jack connector suitable for use with the same female 4 wire Jack at a phone. It may not be able to connect properly to some laptops or other devices with a different default audio Jack contact settings.

NOTE: Some phones do not use Audio Jack connector. In such a case to connect the microphone you may need a special connector (not included). For more details please refer to the manual of your phone.

VIII. CONNECTING TO OTHER EXTENSIONS

(i) Using Optical Lenses (not included)

With the Optics Adapter you may use 17mm, 37mm or 52mm thread lenses (not included). To use the lens you simply need to screw it in the Lens Cup or with or without step-down adaptor accordingly. 17mm lenses can be used only with 37-17mm step down adaptor (included). 37mm and 52mm lenses can be used with or without 37-17mm step down adapter.



Pic.11. Using 17mm lens and 37-17mm step-down adaptor

(!) TIP: For the best picture quality, guaranteed compatibility and for your convenience we recommend DREAMGRIP VISIO optics set (not included). Although optics from the other suppliers with 17mm or 37mm thread can be compatible with the Rig. For other thread diameters you may need to use a special adaptor (not included).

NOTE: Before using a lens make sure your phone camera position is aligned precisely against the middle of the lens. Any deviation will effect the picture quality and may cause lower clarity, distortion, dark spots, vignetting and other types of quality loss.

(!) TIP: Normally you will be able to see the Phone camera through the lens' optics. So you can adjust the better Lens Cup position against the camera center with the lens mounted on as well as without it.

NOTE: Even if your phone has double camera system any lens can be used with **only one camera** at the same time. So you need to align the actual filming camera to the center of the Optics Adaptor.

(ii) Using The Hood

37-52mm Hood helps to protect your camera and lens from side light that can affect the picture quality with undesired reflections.

To use the hood you need to screw it in the Lens Cup using the 37mm thread. The 52mm thread at the wide end allows you to attach filters.

NOTE: The standard Hood can be used only with 17mm thread lenses of appropriate size. Although some optical lenses may come with its own hood, but in some cases you may need to purchase a bigger and longer hood to use it with some lenses.

(!TIP: The Hood can be mounted on top of 37-17 Step Down adaptor or without it directly to 37mm thread in the Lens Cup.

(iii) Using Optical Filters

You can have a better control over the natural light and reflections by using optical filters. One CPL and one ND2 52mm filters are included in every Evolution Rig set. You can screw the filters directly in the Lens Cup 52mm thread or use it with the Hood.

Both filters are helpful mainly for outdoor filming. ND2 will cut the light intensity by a half to help you capturing a better image against the light source. CPL will make you able to control reflections and colours intensity on a sunny day. To learn more about the benefits of using the optical filters please check www.dreamrip.com or any other information source.

NOTE: To use the effect of ND filter you need to switch your phone camera to manual ISO settings. In Auto mode this filter effect will be automatically compensated by camera software.

(iv) Installing The Blinder

In case you use a 37mm thread lens (not included) with a corner positioned camera (like iPhone has) you may need to install the Blinder. For some phones the Blinder can be useful with filters or with 17mm thread lenses.

Blinder helps to prevent a back light reflections if you shoot with a light source at you side or at your back. Although for centered camera position (like Samsung or LG phones) you may not need the blinder at all if your phone covers the back side of the Lens Cup completely and prevents any light penetration from the back.

To install the blinder you choose the best of its position to cover all the free space of the Viewing Circle left uncovered by the phone, and fix it with the two small bolts.



Pic.12. Installing the Blinder to cover the back of Viewing Circle.

NOTE – You have two spare bolts in the set to fix the Blinder – one with a silicon gasket, and one without. The longer bolt without the gasket is for the top hole at the Lens Cup. The short one with the gasket is for the far left hole.

(!) TIP – if you use the same phone for shooting with the Blinder every time – you may keep Blinder fixed on its position even if you need to disassemble the Rig.

(!) TIP – you may also use the small bolts as leverage to unscrew the standard $\frac{1}{4}$ Bolt if it suddenly got stuck.



Pic.13. Using two small bolts as leverage.

(v) **Connecting The Shoulder Strap**

Each of the two Grips has a cavity below the cold shoe platform to fix the Strap end in it.

To attach the Strap you need to:

- remove the stopper first;

NOTE: Check attentively the default sequence of the locks on both ends of the strap and the way the ends loop over the Trapeze Stopper before removing it.

- then move the Strap end through the Grip cavity;
- loop the end through the Stopper the same way and pull the strap out with two ends:



Pic.14. Fixing the Strap with the Trapeze Stopper.

The Stopper will fix the strap tightly in the Grip cavity. Repeat the same operation to fix the second end. Use the other locks to fix the free end of the Strap.

(vi) **Connecting To A Tripod (not included)**

You may connect **DREAMGRIP™ Evolution Rig** to any tripod with the standard 1/4" screw that most of tripods have. To do it you may choose one of the following options:

- 1) If you use original **DREAMGRIP™ Light Tripod** - connect the Rig with Track Connecting Adaptor (not included in the Rig sets). It delivers the best and secure hold to a tripod head.
- 2) Connect to the standard 1/4" Bolt at the lower Track using the universal female 1/4" thread.
- 3) Use any other 1/4" bolt and nut (not included) to have tripod screw tighten through the Track cavity.

(vii) Connecting To Other Accessories And Extensions.

The most of photo and video professional accessories can be easily connected to **DREAMGRIP™ Evolution Rig** with standard ¼” screws, standard cold shoe shaped mounts (not included) or even both. Please check the instructions from the vendor of the accessories and manual for more information. You can also ask **DREAMGRIP™** Customer Support Service at www.dreamgrip.com for assistance.

IX. CUSTOMER SUPPORT

You can check all the latest information related to any **DREAMGRIP™** products, F.A.Q., useful advises, tips, and reviews at www.dreamgrip.com. To get the assistance from the Customer Support you will need to register at the website first.

X. LIMITED WARRANTY

DREAMGRIP™ Evolution Rig has a limited 12 months warranty. To check the Terms and Conditions and to enable the warranty, please get registered at www.dreamgrip.com. In some cases you may need to provide the copy of the retail receipt and UID number of your Rig set.

XI. MORE USEFUL INFORMATION AND LINKS

All the latest tips, news, products, and updates you can find at www.dreamgrip.com. You are more than welcome to follow **DREAMGRIP™** official accounts at social networks and services as well as to share your own experience of using **DREAMGRIP™** Rig. We appreciate to receive any comments that will help us to make the better products together to empower everyone with the best tools for creation of high quality photo and video content.