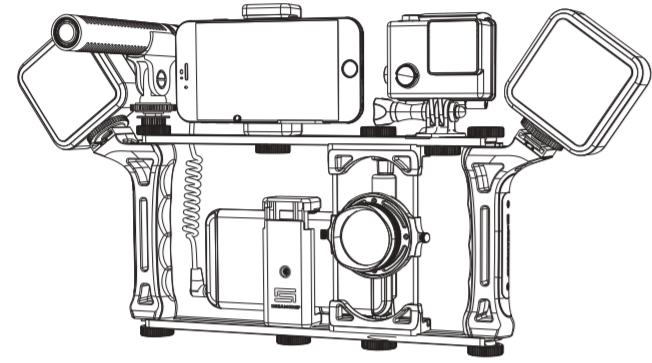


DREAMGRIP® Universal Transformer Rig EVOLUTION Series 幻影捕手通用拍摄变型支架系列



USER MANUAL 用户手册

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I. 产品概述

DREAMGRIP® 幻影捕手是一款通用拍摄支架组合, 可以帮助您的智能手机及数码相机与各种外接拍摄设备有效结合, 从而获取更清晰的画面及收音效果等。
DREAMGRIP® 幻影捕手兼容绝大部分智能手机、单反相机、运动相机以及各种外接设备。

II. 装箱内容

DREAMGRIP® 幻影捕手L系列拥有2个符合人体工程学造型的手柄, 2个铝合金轨道, 1个手机夹, 1个光学镜头适配器, 和7个连接所有配件的1/4英寸标准螺丝, 让用户使用起来更方便、安全。

DREAMGRIP® 幻影捕手L系列 (PRO) 套装还包括37-52mm的铝合金遮光罩, 52mm CPL和ND滤镜, 带两个1/8英寸螺丝的原装遮光片, 一个1/4英寸双螺栓连接螺丝, 和原装肩带 (如图1)。

幻影捕手L系列 (MOJO) 套装拥有L系列 (PRO) 套装的所有物品, 并且拥有额外的配件 (如图2):

- 2个带USB充电线的36颗LED灯珠补光灯
- 带3.5mm插头的枪型麦克风, 麦克风海绵套和冷靴座
- 1个额外的手机夹和1个1/4英寸标准螺丝

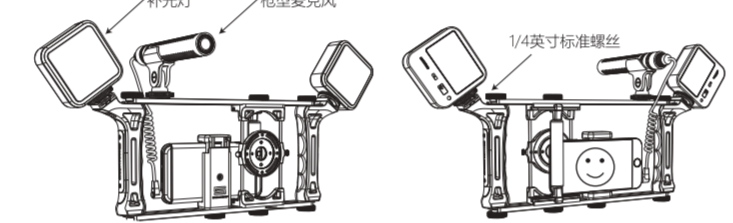


图1 幻影捕手L系列 (PRO)



图2 幻影捕手L系列 (MOJO) 套装组装图

III. 组装和拆卸幻影捕手

DREAMGRIP® 幻影捕手L系列 (PRO) 套装是在彩盒里组装好一种方式出售的, 也可以拆卸做其它任意组合。
DREAMGRIP® 幻影捕手L系列 (MOJO) 套装是把所有配件放在彩盒里出售的, 您可以在几分钟内组装完毕。幻影捕手的特点是可以根据自己的拍摄需求做不同的组合, 组合方式变化多样。以下仅推荐其中一种组装方式 (并非唯一):

- 1) 先用两个1/4英寸标准螺丝把两个导轨连接起来 (如图3)
- 2) 把光学镜头适配器从开口处放进两个导轨之间, 用两个1/4英寸标准螺丝穿过导轨的间隙, 拧紧 (如图3)
- 3) 用另外2颗1/4英寸标准螺丝把另一端手柄也安装好 (如图4)
- 4) 最后把手机夹用1/4英寸标准螺丝固定在导轨上 (如图4)

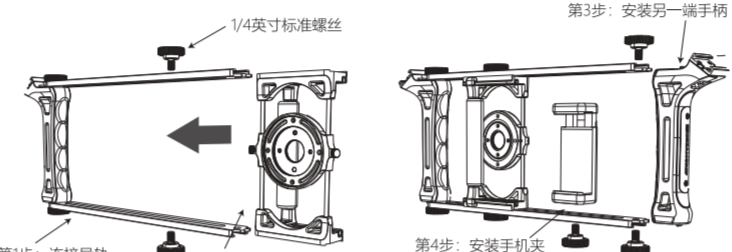


图3 把光学镜头适配器从开口处放进两个导轨之间

图4 组装手机夹以及第二个手柄

拆卸: 拆卸幻影捕手的步骤与上述步骤相反。

提示: 用双头螺丝及标准的1/4英寸螺丝连接不同的配件可以有各种不同的变形支架。举个例子, 参考精品盒的背面, 您可以看到, 1个手柄和麦克风直接连接起来, 可用于单手摄影 (如图5)。更多支架组合变形, 可以参考网站: www.dreamgrip.cn



图5 单个手柄和麦克风组装图

IV. 智能手机与幻影捕手的连接及使用方法

DREAMGRIP® 幻影捕手系列的结构可根据自己的需求进行调整, 您可以通过调整不同部件的位置而使之与手机或相机配合使用。与智能手机的连接, 可参考以下步骤:

- 1) 松开手机夹与导轨之间的1/4英寸标准螺丝, 把手机夹与导轨之间的角度调成45°
- 2) 把手机夹顶部往上拉开至手机能完全置入 (如图6), 带有摄像头的一端朝向光学镜头适配器。

注意: 别让手机夹压到您手机边缘的音量控制键

- 3) 按顺时针方向转动手机夹, 使其与滑块平行排列。拧松光学镜头适配器上的1/4英寸标准螺丝, 调整其位置使光学镜头卡环与手机垂直轴上的摄像头位置对齐。

提示: 用光学镜头适配器的中心孔作为参照, 精准、快速地对准手机摄像头。

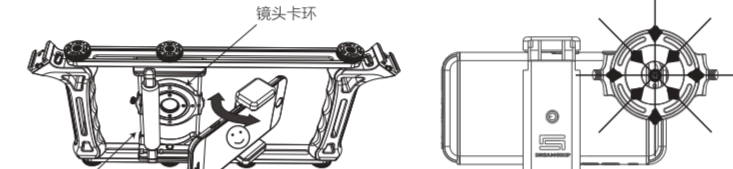


图6 安装手机

图7 手机摄像头对准光学镜头卡环的中心位置

- 4) 把手机夹的螺丝拧紧, 然后把光学镜头卡环上左右两端的小螺丝拧松, 调整卡环位置, 直至手机摄像头与卡环中心位置对准 (如图7)。
- 5) 把光学镜头适配器与导轨连接的螺丝及镜头卡环左右两端的螺丝都拧紧, 双手移动光学适配器上的推杆 (如图8) 把手机固定。

- 4) 把手机夹的螺丝拧紧, 然后把光学镜头卡环上左右两端的小螺丝拧松, 调整卡环位置, 直至手机摄像头与卡环中心位置对准 (如图7)。
- 5) 把光学镜头适配器与导轨连接的螺丝及镜头卡环左右两端的螺丝都拧紧, 双手移动光学适配器上的推杆 (如图8) 把手机固定。

提示: 用双头螺丝及标准的1/4英寸螺丝连接不同的配件可以有各种不同的变形支架。举个例子, 参考精品盒的背面, 您可以看到, 1个手柄和麦克风直接连接起来, 可用于单手摄影 (如图5)。更多支架组合变形, 可以参考网站: www.dreamgrip.cn



图6 安装手机

图7 手机摄像头对准光学镜头卡环的中心位置

VI. 安装LED灯

两个手柄的顶部倾斜平台都带有一个冷靴座。要安装LED灯, 首先需要把灯的底座上螺母拧松, 然后将其滑入冷靴座, 并拧紧螺母将灯固定在摄影支架上。

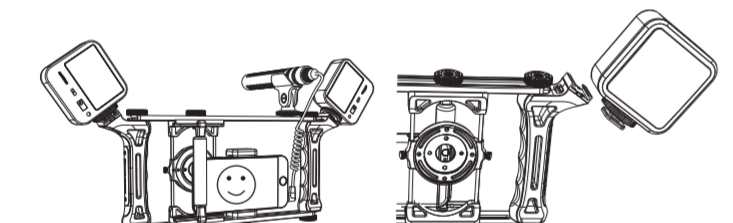


图10 安装LED灯 (LED灯仅包含于幻影捕手L系列 (MOJO) 套装)

手柄倾斜的冷靴座是安装两个LED灯最佳位置, 因为两个光源的位置相距较远, 灯光的阴影也较少。您也可以把LED灯放在导轨的其它位置, 甚至可以通过冷靴座连接各个LED灯的顶部来形成一个环状光源。

注意: 在第一次使用灯之前, 您需要断开蓄电池上用于隔离触点, 确保安全运输的保护。蓄电池的容量通常足以支持至少一个小时的高强度光照, 蓄电池可以用标准USB电源适配器 (套装不包含) 或者手提电脑 (套装不包含) USB接口或任何其它有USB接口的装置充电。

注意: 为了您的安全着想, 建议使用我们原装的USB充电线对蓄电池进行充电 (幻影捕手L系列 (MOJO) 套装已包含USB充电线)

提示: 使用调节器来调节光强度取决于特定的外部光线条件和与拍摄对象的距离。

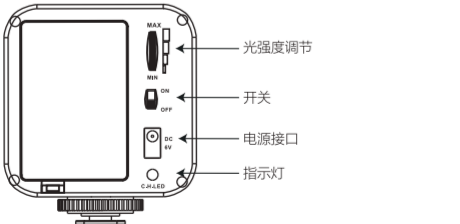


图11 LED补光灯及其光强度调节器

VII. 安装麦克风

DREAMGRIP® 幻影捕手L系列 (MOJO) 套装标准的枪型麦克风有一个通用的冷靴止动夹。建议您把它放在轨道顶部接近您的手机音频输入的一侧。要安装止动夹, 首先把手柄与导轨之间的1/4英寸标准螺丝松开, 然后拧松麦克风上的冷靴座上的螺母, 让冷靴座滑进导轨里面, 再把连接手柄与导轨用的1/4英寸标准螺丝拧紧, 之后再拧紧麦克风夹子的螺母, 这样止动夹就固定在导轨上面了。再把麦克风安装到止动夹上面, 把麦克风插头插到手机上。

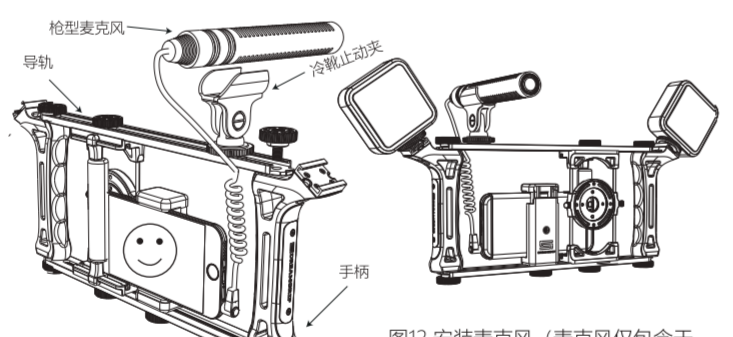


图12 安装麦克风 (麦克风仅包含于幻影捕手L系列 (MOJO) 套装)

提示: 该麦克风配有与手机适配使用的标准音频插头。它可能无法适用于某些笔记本电脑或其他具有不同默认音频插头的设备。

注意: 部分手机无法使用3.5mm音频插头。在这种情况下, 要连接麦克风, 您可能需要一个特殊的连接器 (非标配)。更多细节请参考手机手册。

VIII. 与其他摄影配件以及拓展设备的连接及使用方法

(i) 光学镜头的使用方法 (光学镜头不包含在套装里面)

套装原有的光学镜头适配器适用于17mm, 37mm或52mm螺纹的镜头 (镜头不包含在套装里面), 使用镜头时, 您只需把它拧紧在相应的镜头卡环或镜头转接环上面即可。使用17mm镜头时, 需先把37-17mm的镜头转接环 (套装已包含) 安装到适配器的镜头卡环上 (如图13)。

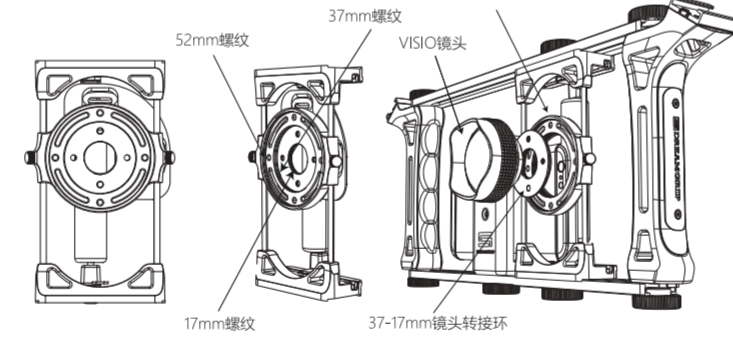


图13 光学镜头适配器及17mm镜头与37-17mm镜头转接环的使用

提示: 为了保证拍摄出最好的图片质量, 保证兼容性和使用方便, 我们建议使用幻影捕手VISIO镜头套装 (不包括在摄影支架套装里面)。虽然市场上其他供应商的17mm或37mm螺纹的光学镜头也可以在您的摄影支架上面, 但是镜头螺纹不同, 您可能需要使用一个特殊的适配器。

注意: 在使用摄影镜头之前, 请确保手机摄像头的位置与镜头的中心位置精确对齐。任何偏差都将影响图像质量, 并且可能导致较低清晰度、失真、暗斑、渐晕和其它类型的相片质量问题。

提示: 一般情况下, 您可以通过光学镜头看到手机摄像头, 因此, 您可以调整镜头卡环的最佳位置, 与手机摄像头对齐, 使两者融为一体。

注意: 即使您的手机有双摄像头系统, 任何镜头都只能同时使用一个摄像头。因此, 您需要调整好实际拍摄的摄像头处于光学镜头适配器的中央位置。

(ii) 遮光罩的使用方法

37-52mm遮光罩有助于保护您的摄像头和光学镜头不受来自侧面不必要的反射光影响。使用遮光罩时, 您需要把它拧进37mm螺纹的镜头卡环中, 52mm螺纹是用来给您使用滤镜的。

注意: 标准遮光罩只能与尺寸相同的17mm螺纹的镜头一起使用。虽然一些光学镜头可能有它自己的遮光罩, 但在某些情况下, 要使用某些镜头的时候, 您可能需要购买一个更大和更长的遮光罩。

(iii) 光学滤镜的使用方法

通过使用光学滤镜, 您可以更好地控制自然光和反射。每个DREAMGRIP® 幻影捕手套装都包括一个CPL和一个ND2 52mm滤镜。您可以把滤镜直接拧在镜头卡环的52mm螺纹上或与遮光罩一起使用。

这两种滤镜主要用于户外拍摄。ND2滤镜可以将光强度降低一半, 以帮助您在强光环境下拍出更好的图像。CPL滤镜有助于您在晴天拍摄时控制光的反射和颜色的强度。欲了解更多关于使用光学滤镜的好处, 请访问 www.dreamgrip.cn 或其他信息来源。

注意: 使用ND2滤镜时, 您需要切换您的手机相机到手动ISO模式。因为在自动模式下, 这种滤波效果将由相机软件自动补偿 (苹果手机: 请下载专业摄影应用进行ISO设置; 安卓手机: 请打开相机后, 选择进入专业模式, 即可设置)。

提示: 使用ND2滤镜时, 您需要切换您的手机相机到手动ISO模式。因为在自动模式下, 这种滤波效果将由相机软件自动补偿 (苹果手机: 请下载专业摄影应用进行ISO设置; 安卓手机: 请打开相机后, 选择进入专业模式, 即可设置)。

注意: 在使用摄影镜头之前, 请确保手机摄像头的位置与镜头的中心位置精确对齐。任何偏差都将影响图像质量, 并且可能导致较低清晰度、失真、暗斑、渐晕和其它类型的相片质量问题。

提示: 一般情况下, 您可以通过光学镜头看到手机摄像头, 因此, 您可以调整镜头卡环的最佳位置, 与手机摄像头对齐, 使两者融为一体。

注意: 即使您的手机有双摄像头系统, 任何镜头都只能同时使用一个摄像头。因此, 您需要调整好实际拍摄的摄像头处于光学镜头适配器的中央位置。

(iv) 遮光片的安装及使用方法

如果您使用37mm螺纹的镜头 (套装不包含) 与角位摄像头 (如iPhone), 您可能需要安装遮光片。对于一些手机, 带滤镜或17mm螺纹的镜头遮光片会非常有帮助。

如果您在拍摄时使用的光源在侧面或背部, 遮光片有助于防止背光反射。如果您的手机完全覆盖镜头卡环的背面且防止任何光线从背面穿透 (如三星或LG手机), 您可能根本不需要遮光片。

要安装遮光片, 您要选择一个它的位置最佳以覆盖所有没被手机覆盖到的拍摄范围的空隙, 并拧紧它的一个小螺丝。

注意: 1. 套装中会有两个备用螺丝用于拧紧遮光片, 一个有硅胶圈, 一个没有。没有硅胶圈的长螺栓是为镜头卡环顶部的孔准备的, 带硅胶圈的短螺栓是为最左边的孔准备的。

2. 如果每次使用同一个手机与遮光罩进行拍摄, 即使您需要拆卸幻影捕手, 您也可以将遮光片固定在原来的位置上。

3. 套装中包含的备用小螺丝也可以用来作为杠杆。镜头转接环或1/4英寸标准螺丝若突然卡住, 均可通过拧入小螺丝作为杠杆来进行。



图14 安装遮光片来覆盖拍摄范围的背面

注意: 1. 套装中会有两个备用螺丝用于拧紧遮光片, 一个有硅胶圈, 一个没有。没有硅胶圈的长螺栓是为镜头卡环顶部的孔准备的, 带硅胶圈的短螺栓是为最左边的孔准备的。

2. 如果每次使用同一个手机与遮光罩进行拍摄, 即使您需要拆卸幻影捕手, 您也可以将遮光片固定在原来的位置上。

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图15 使用两个小螺丝作为杠杆

V. 单反相机和运动相机与幻影捕手的连接及应用

您可以同时在摄影支架上安装多台摄像机。要做到这一点, 请先参考您的相机手册, 并检查它有哪些连接/安装选项和随机配件。单反相机底部通常配备1/4英寸标准螺丝接口。您可以通过使用1/4英寸标准螺丝将其从轨道的另一侧通过导轨间隙拧入, 从而使摄像机固定在幻影捕手上。

运动相机通常配备多个连接配件, 包括相同的1/4英寸标准螺丝连接套件。有些相机配备的是标准的冷靴适配器。在这种情况下, 您可以使用1/4英寸标准螺丝把相机固定在导轨的顶部或底部的任何地方。

用额外的手机夹, 您也可以装上第二部手机, 以作为额外的摄像机或只做展示用 (只有幻影捕手L系列 (MOJO) 套装有额外的1个手机夹和额外的一颗1/4英寸标准螺丝)。

提示: 幻影捕手也可以安装手机备用电源 (手机备用电源非标配)

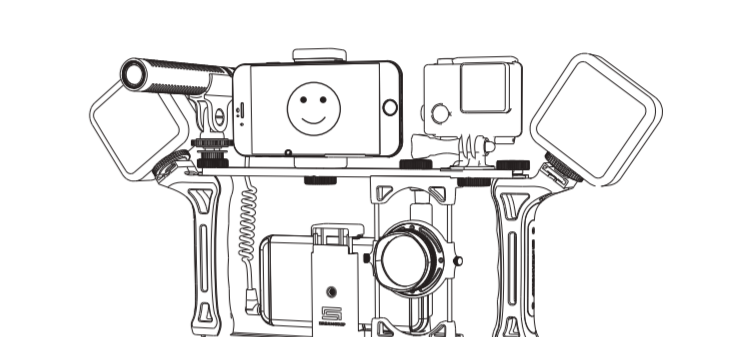


图9 使用2个手机和运动相机的摄影支架

提示: 幻影捕手也可以安装手机备用电源 (手机备用电源非标配)

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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.

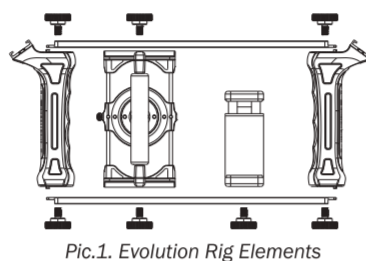
II. BOX CONTENT

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 ¼" tightening Bolts to connect all the elements.

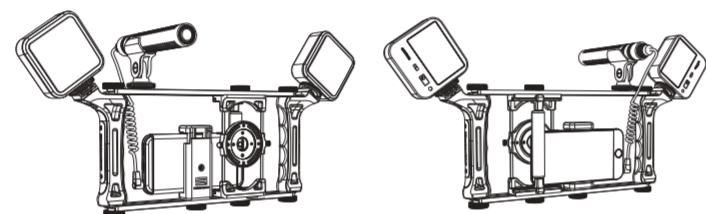
DREAMGRIP™ Evolution PRO set also contains 37-52mm aluminum Hood, 52mm CPL and ND2 filters, original light absorption Blender with two 1/8" screws, one ¼" Double Stud connecting bolt, and original shoulder Strap.

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 ¼" tightening Bolt.



Pic.1. Evolution Rig Elements

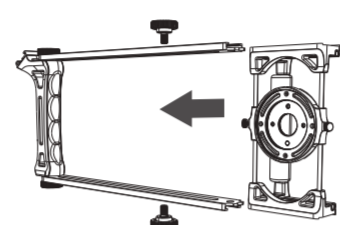


Pic.2. Evolution Rig assembled with two LED lights and Gun Microphone.

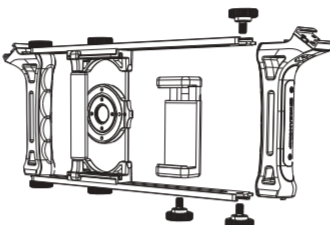
III. ASSEMBLING AND DISSEMBLING THE RIG

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



Pic.3. Sliding the Optics Adaptor between Tracks.



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

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

(T)IP: 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.dreamgrip.com

IV. USING THE RIG WITH A SMARTPHONE

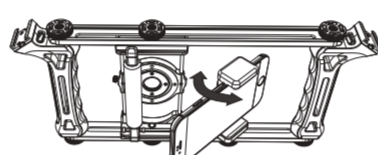
The construction of **DREAMGRIP™ Evolution** allows you to adjust positions of the elements to align them to a particular phone and camera location. To load a phone into the Rig we recommend you to follow the sequence below.

- 1) Loose 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.

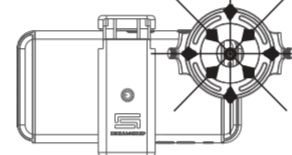
(T)IP: Check the position of control bottoms at sides of your phone to ensure the Clamp does not push them.

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

(T)IP: 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

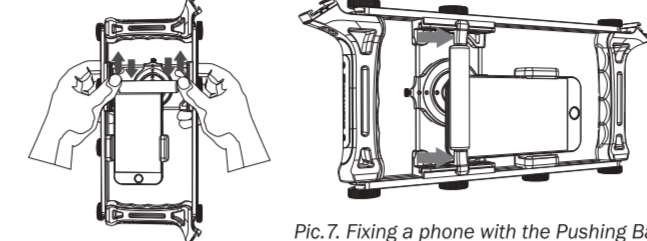


Pic.6. Aligning camera to the Optics Cup.

- 4) Tight the Clamp Holder screw first, then loose 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 security against the center of Optics Cup. Then tighten up the Bolts on Optics Adaptor 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.

(T)IP: 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 Blender for the better filming results to prevent back light reflection on optics (please refer to Installing The Blender and Using Lenses chapters below).

(T)IP: The 37-17mm step down adapter features 4 holes, each with 1/8" thread. You may screw in two small Blender 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.

VIII. CONNECTING TO OTHER EXTENSIONS

(i) Using Optical Lenses (not included)

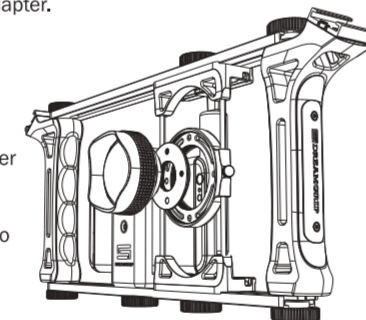
With the Optics Adaptor you may use 17mm, 37mm or 52mm thread lenses (not included). To use the lens you simply need to screw it in the Lens Cup or with or without step-down adaptor accordingly. 17mm lenses can be used only with 37-17mm step down adaptor (included). 37mm and 52mm lenses can be used with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

(T) TIP: For the best picture quality, guaranteed compatibility and for your convenience we recommend **DREAMGRIP™ VISO** 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.

(T) 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.



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

(ii) Using The Hood

37-52mm Hood helps to protect your camera and les from side light that can effect 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.

(T)IP: 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 tread 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.dreamgrip.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 Blender

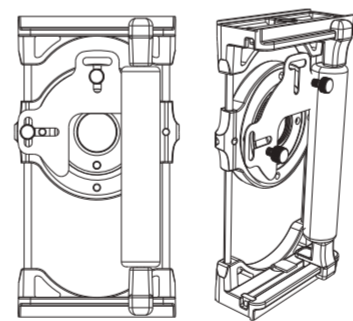
In case you use a 37mm thread lens (not included) with a corner positioned camera (like iPhone has) you may need to install the Blender. For some phones the Blender can be useful with filters or with 17mm thread lenses. Blender helps to prevent a back light reflections if you shoot with a light source at you side or at your back. Although for centered camera position (like Samsung or LG phones) you may not need the blender 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 blender 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.

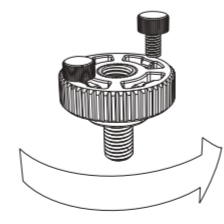
NOTE: You have two spare bolts in the set to fix the Blender - one with a silicon gasket, and one without. The longer bolt without the gasket is for the top hole at the Lens Cup. The short one with the gasket is for the far left hole.

(T) TIP: If you use the same phone for shooting with the Blender every time - you may keep Blender fixed on its position even if you need to disassemble the Rig.

(T) TIP: You may also use the small bolts as leverage to unscrew the standard ¼ Bolt if it suddenly got stuck.



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



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 inside it. To attach the Strap you need to:

- 1) remove the stopper first;
- 2) then move the Strap end through the Grip cavity;
- 3) loop the end through the Stopper the same way and pull the strap out with two ends;

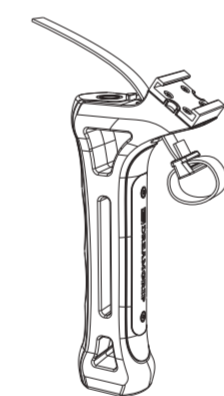
NOTE: Check attentively the default sequence of the locks on both ends of the strap and the way the ends loop over the Trapeze Stopper before removing it.

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 ¼" 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 ¼" Bolt at the lower Track using the universal female ¼" thread.
- 3) Use any other ¼" bolt and nut (not included) to have tripod screw tighten through the Track cavity.

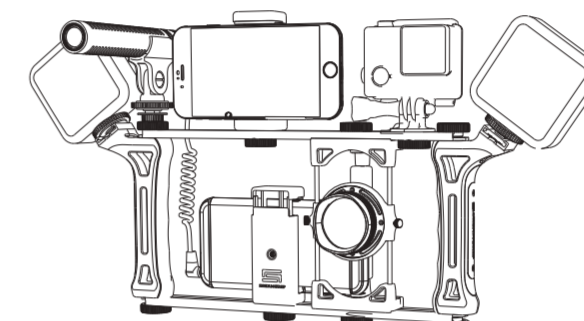


Pic.14. Fixing the Strap with the Trapeze Stopper.

(T)IP: 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 ¼" screw at the bottom side. You can fix the camera at the Rig by using a standard ¼" 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 ¼" 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 ¼" bolt are included in the **Evolution MOJO** set only).



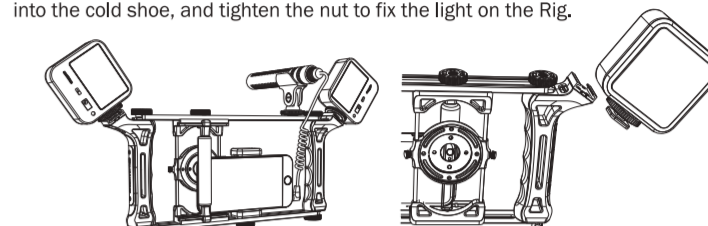
Pic.8. Evolution Rig with two Smartphones and Action camera.

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

(T)IP: 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.

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 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).

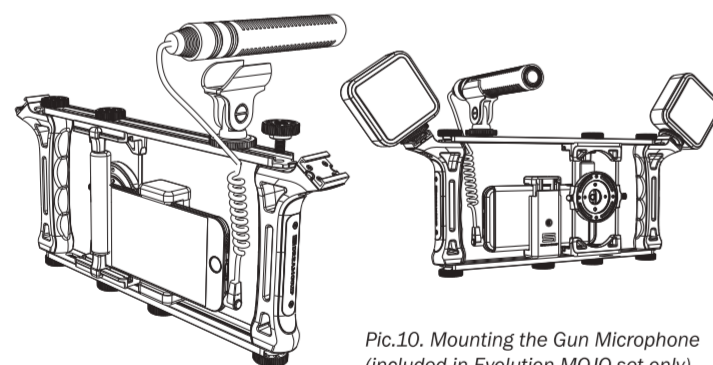
(ATTENTION): For your safety use only the original USB cable (2 cables included in **Evolution MOJO** set only) to recharge the accumulator.

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

(T)IP: 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 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.

中国新版RoHS 说明



此标志适用于在中国销售的电子产品。根据2016年1月21日正式公布的中国RoHS45号令《电子信息产品有害物质使用管理办法》以及标准 GB/T 11364-2014《电子信息产品有害物质限制使用标示要求》，电器电子产品必须标注含有有害物质相关信息的标示，以帮助消费者识别“电子”标志表示该产品含有某种有害物质，但只要遵守该产品的安全和使用上的注意事项，即可在环保使用期限内安全使用。

物质名称 (大陆分类)	有害物质或元素					
	铅 Pb	汞 Hg	镉 Cd	六价铬 Cr(VI)	多溴联苯 PBB	多溴二苯醚 PBDE
材料 (含塑料)	0	0	0	0	0	0
印刷电路、电气部件	X	0	0	0	0	0
组件	X	0	0	0	0	0

备注:
O: 表示该有害物质在该部件所有均质材料中的含量符合GB/T 11364-2014标准规定的限量要求以下。
X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 11364-2014标准规定的限量要求。因为在当代技术下还没有可替代的物质。

(vii) Connecting To Other 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.