

Improved Ergonomics

Designed for perfect integration with the 645DF camera

The Mamiya V-Grip Air excels with all shooting control buttons replicated in exact same positions as on the camera body but now in vertical position. Using custom functions to change the individual button settings will replicate in exact same way on the Vertical grip. Ergonomics are improved by a longer and better grip in both vertical and horizontal position. The length of the grip gives a really good user experience for photographers with big and small hands.

For further ergonomic improvements the V-Grip Air comes with a high quality genuine leather hand strap. The leather hand strap is designed to give extra hand support but also works as a safety strap and provides a better grip, without risk of hazardous drops.



Wireless Flash

The Mamiya V - Grip Air features, as the first of its kind, a built in Profoto Air flash trigger. This means that you can now trigger your flash equipment remotely without any use of cables.

All Profoto Air equipped generators are supported, and with other flash brands the Profoto Air transceiver can easily be installed in the flash jack socket.

Profoto Air system is the only system in the market that supports up to 1/1600s flash synchronization.

The Profoto Air system is operating on one of eightselectable radio channels on the 2.4 GHz radio frequency band, for world wide use



Specifications

Camera Support:	Mamiya 645DF, Phase One 645DF
Camera Controls:	Tactile Shutter release, Front Dial, Rear Dial, for time and aperture, AEL and AFL buttons all camera controls in same positions as on camera.
Wireless Flash Specification:	2.4 GHz, 8 channel manual selector, Range up to 300m, Fast sync mode for synchronization above 1/320s shutter speed up to 1/1600s flash sync. FCC ID: W4G-RMI
Battery Type Support:	7.2 V Li-ion Phase One and Leaf batteries up to 2500 mAh. Standard 1.5 V AA batteries (6pcs)for backup, manual switchable selection.
Camera Tripod Mount:	Arca Swiss Type L-bracket mount and 1/4 screw in (portrait) Standard 1/ 4 or 3/8 inch screw in (landscape)
Weight:	364g without batteries and strap
Dimension:	W: 153mm H: 125mm D: 78mm
External Interface:	USB connection for Firmware update of 645 body or V-Grip Air.
Included Accessories:	Leather Hand Strap, L - Bracket + Horizontal mount part (for use without V-Grip Air), Extra camera screw lining and screwdriver.

All specifications are subject to change without notice.
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Fig. 1

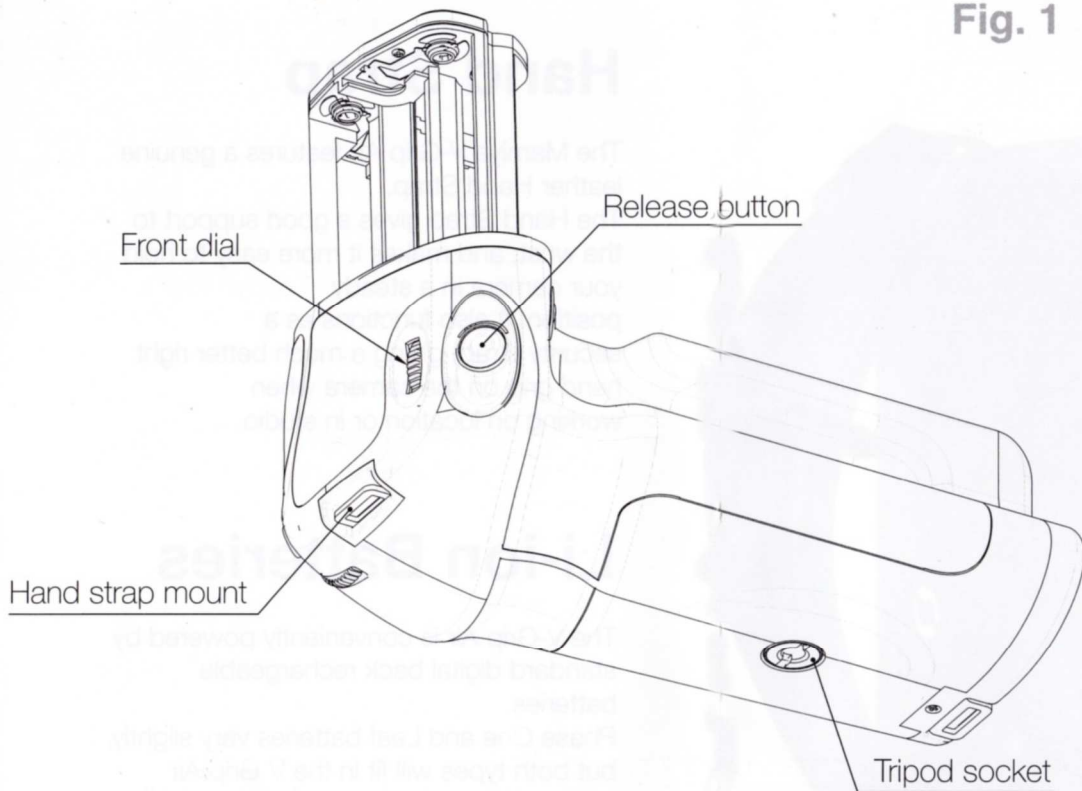


Fig. 3

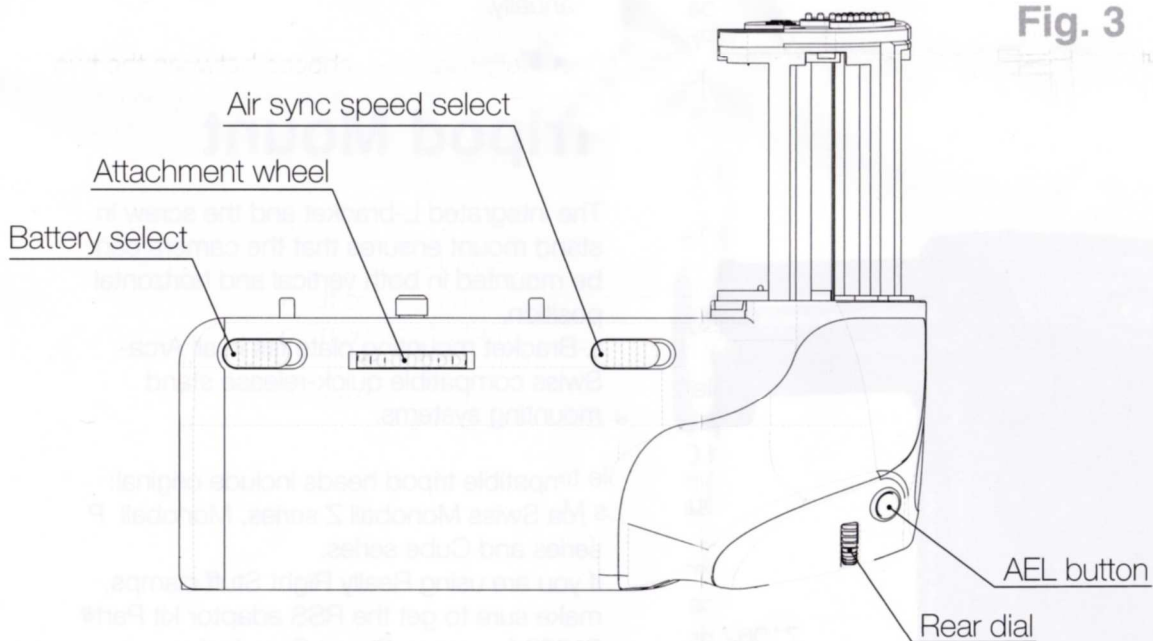


Fig. 1

Camera Release button, front and rear buttons position and functions are replicated exactly as on the camera body. A Tripod socket is available for landscape mounting. A genuine leather strap is included, and can be attached in the hand strap mount.

Fig. 3

Attachment wheel is located in the centre. This is used to mount the vertical grip underneath the camera body. The Battery select button is used to select between Li-ion batteries "Li+" and standard AA type batteries. Air sync select has two positions "Std" and "Fast". The speed of the Air sync should only be set to fast if you are working with shutter speeds faster than 1/320s. Be aware that when leaving this button in fast mode, you will shorten the battery lifetime dramatically. Rear dial and AEL button has same function as on the camera body.

Fig. 2

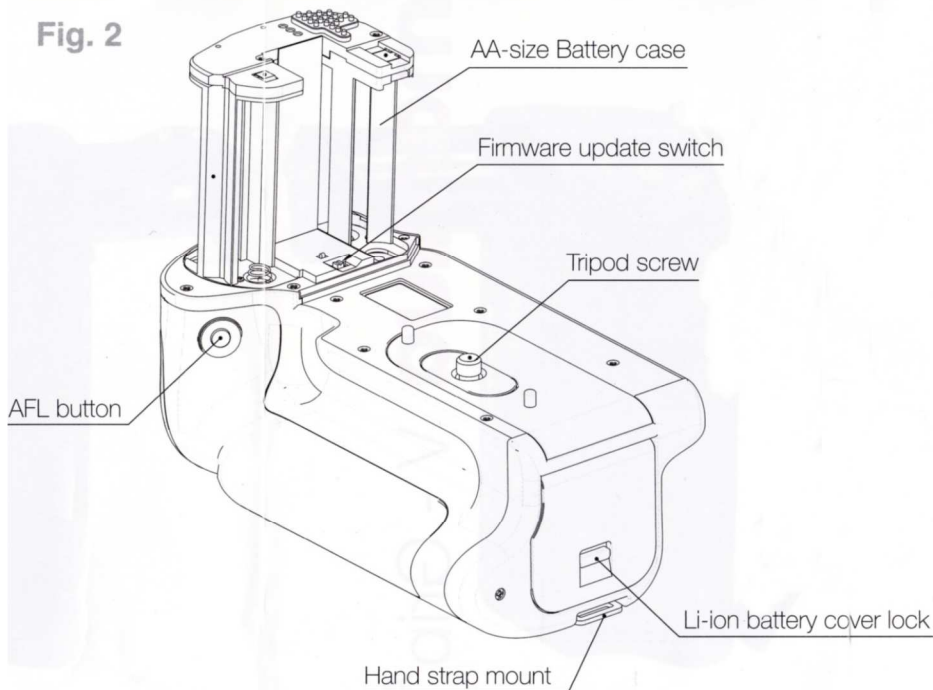


Fig. 4

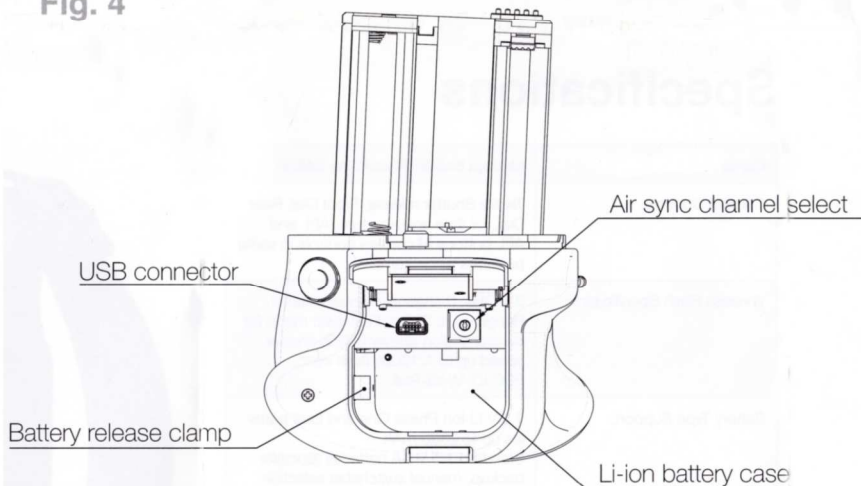


Fig. 2

AA batteries can be installed as backup in the grip, but be aware that this will increase the total weight of the unit. Firmware update switch is covered by a security label -this switch is only for use if you want to upgrade firmware in the Grip. The tripod screw is used to fixate the V-Grip Air to the camera. The L-bracket substitute can be removed if you choose to install the L-bracket (install as shown on other side of this paper).

Fig. 4

Air sync channel selector is used to select the channel that the V-Grip Air uses to communicate with the receiver unit. The channel should be set to the same number on the V-Grip Air and the receiver. A battery release clamp is holding the battery in place even when the battery cover is open. To release the battery just slide this gently to the side. USB connector is only for use for future firmware upgrade of either 645 camera or V-Grip Air.

Getting Started!

Start by deciding whether or not you want to use the V-Grip Air with the included L-Bracket for vertical tripod mount.

Also take into consideration which batteries you want to use (Li - Ion battery and / or 6 pcs. standard AA batteries).

Both types can be installed at the same time, but be aware that this will add to the total weight of the unit.

After installation of batteries in the V-Grip Air, remove the battery cassette from the camera and slide the V-Grip Air in place. Finally tighten the attachment wheel to fasten it underneath the camera body. (Fig. 3) (Make sure to tighten the V-Grip firmly to the camera body, so that it is in properly integrating with the battery compartment) Turn on the camera, and you are ready to shoot.

All camera shooting controls are replicated on the grip in their usual positions.

On the back of the grip (Fig. 3) there are two additional sliding buttons. One for "Battery select" and one for "Air sync speed select"

Battery select will choose between the two types of batteries, whereas the Air sync speed select sets the synchronization speed of the integrated wireless flash trigger.

If you are using sync speeds below 1/320s you should set this button to Normal. You should only set the flash sync speed to fast mode if you want to shoot faster than 1/320s.

Setting the Air sync speed select to "Fast" will insure correct flash triggering even at fast shutter speeds, but it will decrease the battery lifetime of your camera, and you will need to change batteries more often.

The Profoto Air system is operating on one of eight selectable radio channels on the 2.4 GHz radio band. You will find an Air sync channel selector under the Li-ion battery cover (Fig. 4). If you are experiencing that your flash sync is behaving erratically you can try selecting another channel. Remember you need to set both the V-Grip Air and the receiver to the same channel.

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Hand Strap

The Mamiya V-Grip Air features a genuine leather Hand Strap.

The Hand Strap gives a good support to the wrist, and makes it more easy to hold your camera in a steady position. It also functions as a security strap, giving a much better right hand grip on the camera when working on location or in studio.

Li-ion Batteries

The V-Grip Air is conveniently powered by standard digital back rechargeable batteries.

Phase One and Leaf batteries vary slightly, but both types will fit in the V-Grip Air battery compartment.

Optionally you can install standard type AA batteries for use as a backup solution. You can switch between the two battery types manually.



Tripod Mount

The integrated L-bracket and the screw in stand mount ensures that the camera can be mounted in both vertical and horizontal position.

L-Bracket mounting plate fits in all Arca-Swiss compatible quick-release stand mounting systems.

Compatible tripod heads include original: Arca Swiss Monoball Z series, Monoball P series and Cube series.

If you are using Really Right Stuff clamps, make sure to get the RSS adaptor kit Part# 71062 from your Phase One dealer.

For information on tripod mounts:

FOBA www.foba.com

KIRK www.kirkphoto.com

ACRATECH <http://acratech.net/>

MARKINS www.markinsamerica.com

REALLY RIGHT STUFF:

www.reallyrightstuff.com

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