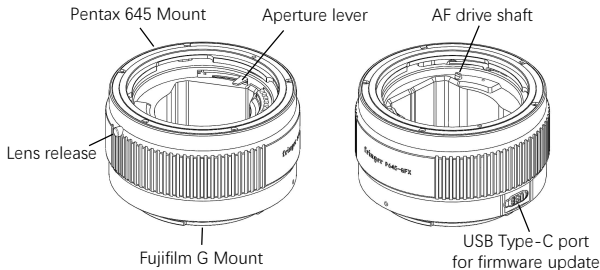


Fringer P645-GFX (FR-P6TG1)

User's manual

1 . Introduction



This product has built-in screw-drive AF motor and aperture motor. It supports Pentax 645 lenses working on Fujifilm GFX cameras with electronic aperture control, auto focus and EXIF recording. The latest firmware and user's manual can be downloaded from:

<https://www.fringeradapter.com/pentax-645-to-fujifilm-gfx#3> (en)

or <https://fringeradapter.mysxl.cn/#service-p645-gfx> (cn)

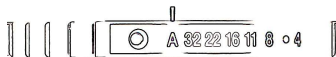
2 . Compatibility

Camera compatibility: It supports all GFX cameras available on the market.

- 1) Cameras with PDAF (e.g., GFX100 and GFX100S, etc.): PDAF works.
AF speed and accuracy are relatively better.
- 2) Cameras without PDAF (e.g., GFX50S, GFX50R and GFX50S II, etc.):
Contrast AF only. AF performance is relatively poorer.

Lens compatibility: It supports all Pentax 645 lenses. FA, DFA, and DA lenses support auto focus and auto aperture. A and LS lenses support manual focus and auto-aperture. Leaf shutter function is not supported for LS lenses.

3 . Settings



Lens installation: For lenses

with an aperture ring, **ensure the aperture ring is set to the “A” position** as shown above. Align the red dots on both mounts of the lens and the adapter. Then insert the lens and turn it until the focus indication white line on the lens is exactly at the top direction and the lens release button on the adapter pops up.

AF/MF selection: The adapter recognizes the AF/MF status of the

lens automatically and informs the camera body. Thus, the AF/MF switch on the camera can always be set to AF.

Adapter configuration file: Connect the adapter to a computer using the cable included. You will see a drive named FRINGER. There is a file named **SETTINGS.INI** in the root folder. Currently, it doesn't support customization. Please don't modify it.

Aperture setting: Please always set the aperture using the command dial on the camera. **Don't use the aperture ring on the lens!** Make sure the aperture ring is set to the "A" position. Or it may interfere with auto aperture control.

Shutter speed setting: Manually setting shutter speed is suggested! Setting shutter speed to auto in AF modes may cause the aperture blades move frequently with noise and flashing of LCD or EVF when environment brightness changes. That may interfere with view finding. Be noted, when **preview EXP./WB in manual mode** in camera menu is set to Off, you need to use MF mode to avoid the issue.

AF settings: AF-S mode is suggested. On cameras with PDAF support, i.e., GFX100(S) series, AF-C also works. On other cameras, i.e., GFX50 series,

please don't use AF-C mode. In both cases, Face/Eye AF is supported. To get a balanced AF performance in terms of success rate and accuracy, **setting focus points to medium size is suggested**. Before releasing the shutter, you may focus multiple times on the same object to improve accuracy.

Note: Manual focus mode is suggested in some circumstances for the following AF lenses due to lens performance limitations.

- HD Pentax-D FA 645 90mm F2.8 ED AW SR Macro (in all shooting)
- SMC Pentax-FA 645 120mm F4 Macro (in macro shooting)

Image stabilization settings: On cameras with IBIS, such as GFX100, GFX100S, and GFX50S II, etc., all the FA/DFA/DA lenses and a part of A/LS lenses (including A35/3.5, A55/2.8, 75/2.8 LS, 135/4 LS, A150/3.5, and A200/4) support IBIS. Please set IS mode to "Continuous" in the camera menu. Lens SR (Shake Reduction) is not yet supported (on DAF 90/2.8 and DA28-45/4.5).

Focus bracketing settings: Always use AF to set the working range and start position. If you manually turn the focus ring of the lens, the focus bracketing function won't work correctly.

4 . Firmware update

You need a PC or MAC and a USB 2.0 Type-C cable (already included) to upgrade the adapter.

- 1). Get the adapter off the camera. Connect it to your computer.
- 2). Find a new drive named "FRINGER" and copy the new firmware to it.
- 3). Wait for about 20 seconds. The adapter will automatically disconnect and reconnect.
- 4). Check the installed firmware version (VERSION.TXT on the adapter)

For example:

Before:	FBL: P6GF Bootloader: V1.1 Fringer adapter product: P645-GFX Version: 0.71 Internal Version: 25.8.9.1
after:	FBL: P6GF Bootloader: V1.1 Fringer adapter product: P645-GFX Version: 1.0 Internal Version: 25.8.30.1

Note: If nothing happens when the adapter is connected to the computer, it's probably caused by a bad USB cable. Please try another one.

5 . Warranty service

We provide 1-year limited warranty. You may contact the seller from whom you ordered the adapter to get warranty service. If the issue was caused by abnormal usage or is outside the free warranty period, a paid repair service is available. In any case, you may contact us for the service:

fringeradapter@163.com

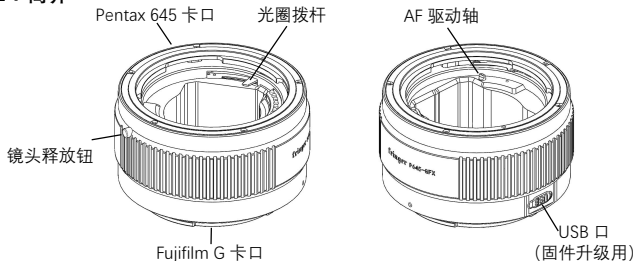
6 . Manufacturer information

Dongguan Jingbo Precision Components Co., Ltd., Guangdong, China

Fringer P645-GFX (FR-P6TG1) 自动转接环

用户手册

1. 简介



本产品内置了螺丝刀对焦驱动马达和光圈马达，支持宾得 645 镜头在富士 GFX 中画幅相机上工作并保留电子光圈控制、自动对焦和 EXIF 记录等功能。

最新的用户手册以官网上的版本为准。用户手册和固件下载：

<https://www.fringeradapter.com/pentax-645-to-fujifilm-gfx#3> (en)

或 <https://fringeradapter.mysxl.cn/#service-p645-gfx> (中文)

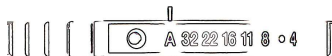
2. 兼容性

机身兼容性。本品兼容所有已经上市的 GFX 机身。

- 1) 带有相位对焦功能的机身（如 GFX100 和 GFX100S 等）：使用相位对焦，AF 的速度和精度相对更好。
- 2) 其它机身（如 GFX50S, GFX50R, GFX50S II 等）：使用反差对焦，合焦性能略逊色。

镜头兼容性。本品兼容所有的 Pentax 645 镜头，FA、DFA、DA 镜头均支持自动对焦、自动光圈，A 和 LS 镜头支持手动对焦、自动光圈。不支持 LS 镜头的镜间快门功能。

3. 设置说明



镜头安装：对带有光圈环的镜

头，**确保光圈环处于 A 位置**（如图所示）。将镜头后卡口上的红点和转接环 P645 卡口上的红点对齐，插入镜头并旋转，直到镜头上的对焦指示标线到达转接环与相机的正上方，并且转接环上的镜头释放钮弹起为止。

AF/MF 选择：转接环会自动识别镜头上的 AF/MF 设置并通知机身是否进入 MF 模式，因此无需设置机身上的 AF/MF 开关到 MF。

转接环配置文件：用附送的 USB 电缆将转接环连接到电脑时，会出现

名为“FRINGER”的磁盘驱动器，在其根目录下有一个名为 SETTINGS.INI 的文件，目前其内容暂不支持用户定制，请不要修改。

光圈设置：请使用机身上的拨轮设置光圈值，对带有光圈环的镜头，**不要使用镜头光圈环！**务必确保光圈环始终处在“A”位置，否则可能干扰自动光圈运作。

快门设置：建议手动设置快门速度！富士无反相机有一套独特的光圈控制策略（GF 镜头也是如此），在 AF 模式下，如果快门速度为自动，则在取景过程中遇到环境光线变化时，光圈叶片可能会频繁动作、带来噪音，同时，取景器或 LCD 上的画面会有闪烁，对取景造成干扰。通常手动设置快门速度可以部分避免此问题。注意，在关闭“手动模式下预览曝光”的情况下，只有改用 MF 模式才能避免此问题。

对焦设置：建议使用 AF-S，对于 100 系列带相位对焦能力的机身，可以谨慎使用 AF-C，对于 50 系列机身，请勿使用 AF-C 模式。无论哪种情况，脸部/眼部对焦都可以正常使用。建议使用**中等大小的对焦点**以获得合焦成功率和合焦精度上的平衡。在释放快门前，必要时可以对同一目标进行**二次对焦以减小误差**。

注意：由于镜头性能限制，以下镜头在特定场景下建议使用手动对焦模式：

- HD Pentax-D FA 645 90mm F2.8 ED AW SR Macro (所有场景下)
- SMC Pentax-FA 645 120mm F4 Macro (在拍摄微距时)

防抖设置：在支持机身防抖的机身上，如 GFX100/GFX100S/GFX50S II 等，所有 FA、DFA 和 DA 镜头都支持机身防抖，部分手动对焦镜头支持机身防抖(包括 A35/3.5、A55/2.8、75/2.8 LS、135/4 LS、A150/3.5、A200/4)，请在机身菜单中将防抖投置为常时。暂不支持镜头防抖（DFA90/2.8 和 DA28-45/4.5）。

对焦包围设置：如需使用对焦包围功能，设置对焦包围范围、起始焦点位置时，**只能用 AF 驱动，不要手动调整镜头对焦环**，否则对焦包围功能不能正常工作。

4. 固件升级

您需要一台 PC 或者 Mac 电脑以及 USB2.0 Type-C 类型的电缆（已经附送）来进行固件升级。

- 1). 确保转接环没有装上机身、没有安装镜头，连接转接环和电脑
- 2). 在电脑上找到名为“FRINGER”的驱动器，把新固件文件拷贝进去
- 3). 等待 20 秒左右，转接环会自动断开与主机的连接然后重新连接
- 4). 打开重新出现的“FRINGER”驱动器，检查版本是否已更新(在

VERSION.TXT 文件中的版本号)

例如:

升级前:	FBL: P6GF Bootloader: V1.1 Fringer adapter product: P645-GFX Version: 0.71 Internal Version: 25.8.9.1
升级后:	FBL: P6GF Bootloader: V1.1 Fringer adapter product: P645-GFX Version: 1.0 Internal Version: 25.8.30.1

注意：如果转接环连接电脑后“FRINGER”驱动器没有出现，一般是电缆的问题，可以换一根重试。

5 . 保修

只要您是从正规渠道购买，本产品带有一年免费保修服务，保修期内正常使用的前提下，您可以联系购买的经销商以获得质保服务。但如果您是从二手交易平台等非正规渠道购买，恕不提供售后服务。

对于保修期外或者非正常使用造成的故障，我们提供收费维修服务。无论哪种情况，您都可以直接联系我们获得售后维修服务，请发邮件至：

fringeradapter@163.com

6. 制造商信息

本产品由东莞市精博精密组件有限公司制造。

The logo for Fringier SMART ADAPTER. The word "fringier" is written in a stylized, outlined, gothic-style font. Below it, the words "SMART ADAPTER" are written in a clean, uppercase, sans-serif font.

fringier
SMART ADAPTER