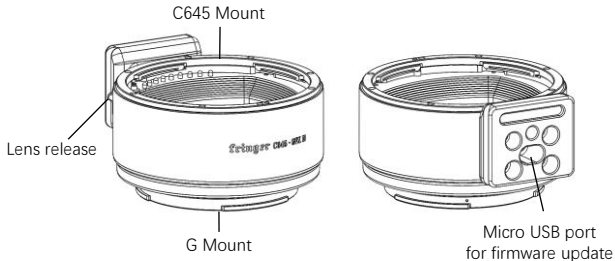


# Fringer C645-GFX II (FR-C6TG2)

## User's manual

### 1 . Introduction



This product supports C645 mount lenses working on Fujifilm G mount cameras with electronic aperture control, auto focus and EXIF recording. Latest firmware and user's manual can be downloaded from: <https://www.fringeradapter.com/contax-645-to-fujifilm-gfx#3> (en) or <https://fringeradapter.mysxl.cn/#service-c645-gfx> (cn)

## 2 . Compatibility

**Camera compatibility:** This product supports all G mount cameras in the market.

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

**Lens compatibility:** This product supports all C645 lenses. All of them except Apo-Makro-Planar T\* 4/120 support auto focus. All of them support IBIS when working on cameras with IBIS function, e.g., GFX100, GFX100S and GFX 50S II).

## 3 . Settings

**Lens installation:** 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.

**Full frame/Medium format selection:** Please make sure the **35mm mode is set to Off** in the camera menu. If it's set to On or Auto, the

pictures may be cropped which isn't necessary since we are using medium format lenses.

**AF/MF selection:** C645 lenses don't have AF/MF switches. We use their aperture ring instead. When it's turned to the minimum stop, i.e., maximum F number, the adapter informs the camera to enter MF mode. Otherwise, it's in AF mode. 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. It's in standard INI file format. Don't modify it unless you understand how to do so. If you want to restore its content to default, just remove it. The adapter will regenerate a default version next time when the adapter is used on a camera.

**Aperture setting:** Aperture may be set through the aperture ring on the lens. But if it's in MF mode, the aperture ring is set to the minimum stop. In that case aperture can be set through command dial on the camera. Meanwhile, if you set the value of "**LensApertureRing=**" in SETTINGS.INI to 0 (the default value is 1), aperture is always set through

command dial on the camera.

**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:** Because of the limitation of the old lenses' design, AF-S is suggested. On cameras with PDAF support, e.g., GFX100 and GFX100S, AF-C may work, too. But don't expect good performance. On other cameras, 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. Meanwhile, please avoid using focus points in columns close to the left and right edge.

**Image stabilization settings:** To use IBIS on cameras like GFX100, GFX100S and GFX50S II, make sure the value of "**FocusBracketing=**" in

SETTINGS.INI is set to 0 (the default value). Don't forget to turn on IS in camera menu.

**Focus bracketing settings:** To use focus bracketing, please set the value of "**FocusBracketing=**" in SETTINGS.INI to 1 (the default value is 0). Be noted that please **always use AF** to set the working range and start position. If you manually turn focus ring of the lens, focus bracketing function won't work properly.

#### 4 . Firmware update

You need a PC or MAC and a USB Micro B 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 disconnect itself and reconnect automatically.
4. Check the installed firmware version (VERSION.TXT on the adapter)

For example:

Before:

FBL: C6G2 1.4

Fringer adapter product: C645-GFX II

Version: 0.70

Internal Version: 22.2.3.1

after:

FBL: C6G2 1.4

Fringer adapter product: C645-GFX II

Version: 1.0

Internal Version: 22.2.27.1

**Be noted:** 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 it's out of the free warranty period, there is a paid repair service. In any case, you may contact us for the service:

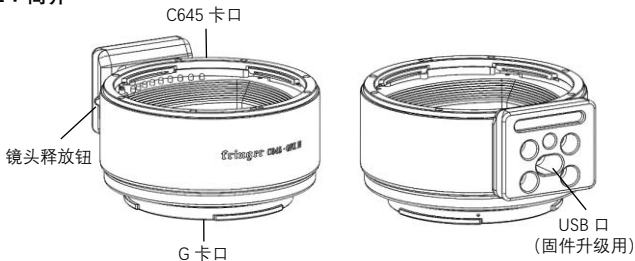
**fringeradapter@163.com**

## 6 . Manufacturer information

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

# Fringer C645-GFX II (FR-C6TG2) 自动转接环 用户手册

## 1. 简介



本产品支持 C645 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。

最新版用户手册和固件下载：

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

或 <https://fringeradapter.mysxl.cn/#service-c645-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）：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，由于镜头能力限制，更易出现合焦慢、合焦误差等现象。

**镜头兼容性。**本品兼容所有的 Contax 645 镜头，除了 Apo-Makro-Planar T\* 4/120 外均支持自动对焦，所有 C645 镜头在带有机身防抖的机身(GFX100/GFX100S/GFX50S II 等)上均支持机身防抖。

## 3. 设置说明

**镜头安装：**将镜头后卡口上的红点和转接环 C645 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。

**画幅选择：**请务必在相机菜单中将 **35mm 模式**设为“关”，否则会出现画幅裁切。

**AF/MF 选择：**由于 C645 镜头没有 AF/MF 开关，我们使用镜头光圈环的最小光圈档位（最大 F 值的那一档）指定 MF 模式，如果光圈环在

此档位上，转接环会通知机身进入 MF 模式，而无需设置机身上的 AF/MF 开关。

**转接环配置文件：**本产品支持用户使用配置文件中的软开关来指定某些高级功能是否启用。用附送的 USB 电缆将转接环连接到电脑，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，格式为标准的 INI 文件。除非你知道如何改动这个文件的内容，否则请不要修改。如果文件被改乱了并且你不知道如何恢复，可以删除此文件，转接环会在下次在相机上工作时自动生成缺省的版本。

**光圈设置：**缺省情况下，可以使用镜头光圈环设置当前光圈值，但如果使用 MF 模式（光圈环在最小光圈档位），则改用机身拨轮设置光圈。如果在转接环配置文件中将“LensApertureRing=”的值设为 0(缺省值为 1)，则总是使用机身拨轮设置光圈。

**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：**由于镜头 AF 性能限制，**建议仅使用 AF-S**，对于 GFX100 和 GFX100S 等带相位对焦能力的机身，可以谨慎使用 AF-C（效果有限），对于其它机身，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**，同时，避免使用左右两侧边缘几列的对焦点，由于老镜头的像差比较严重，造成越是大光圈、越是离中央几列距离远的对焦点，合焦误差越大。

由于 C645 镜头的设计比较老旧，跟不上现代无反相机的要求，**如果出现 AF 速度、精度无法满足您的需求的情况，请改用 MF 模式。**

**防抖设置：**对支持机身防抖的机身如 GFX100/GFX100S/GFX50S II，如需使用机身防抖，请确保转接环配置文件中的“FocusBracketing=”值为 0（缺省值），然后在机身菜单中打开防抖，机身防抖可以正常工作。

**对焦包围设置：**如需使用对焦包围功能，请将转接环配置文件中的“FocusBracketing=”值改为 1（缺省为 0）。注意，在设置对焦包围范围、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 电脑以及一根标准的 Micro B 类型的 USB 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: C6G2 1.4  
                              Fringer adapter product: C645-GFX II  
                              **Version: 0.70**  
                              Internal Version: 22.2.3.1

升级后:                    FBL: C6G2 1.4  
                              Fringer adapter product: C645-GFX II  
                              **Version: 1.0**  
                              Internal Version: 22.2.27.1

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](mailto: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。

fringer  
SMART ADAPTER