Wireless Remote Control ML-L7A
User Manual

Thank you for purchasing an AODELAN product.

AODELAN Wireless Remote Control ML-L7A is compatible with Bluetooth® low energy technology. You can perform remote operations such as recording movies or taking pictures by connecting the ML-L7A Remote Control and a camera.

Please read this user manual as well as the user manual provided with your camera which works with ML-L7A before use.

For your safety

Before using your product, please read the following safety precaution carefully to ensure correct and safe use.
● Do not disassemble or attempt to repair it.
● Do not use the product in the presence of flammable or explosive gas.
● The product is not waterproof. Please keep away from rain, snow and high humidity conditions.
● Do not expose the product to high temperature over 45℃ (e.g. left in a car trunk).
● Do not clean the product with organic solvent or alcohol-based liquid.
● A thorough explanation of how to use the product by an adult is required when the product is used by children. Supervise children while they are using the product.
● Consult local authorities on the proper disposal or recycling of a battery.

Declaration of Conformity USA

Product name: Wireless Remote Control
Trade name: AODELAN
Model number: ML-L7A
FCC ID: 2AEJW-MLL7A
Manufacturer: Shenzhen Aodelan Technology Co., Ltd.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
● Reorient or relocate the receiving antenna.
● Increase the separation between the equipment and receiver.
● Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
● Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.
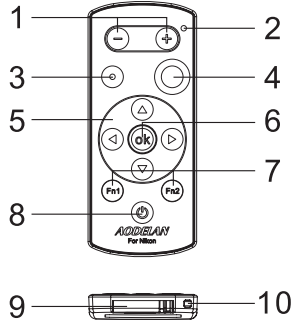
RED 2014/53/EU
Declaration of Conformity EC

Hereby, **Shenzhen Aodelan Technology Co., Ltd.** declares that this product is in compliance with essential requirements and other relevant provisions of Directive 2014/53/EU. This product can be used across EU member states. A copy of the Declaration of conformity can be found at www.aodelan.net.

Parts and Functions of the Remote Control
(Figure 1)

(Figure 1)

1. **– button/+ button:** Performs operations such as zoom control.
2. **Status lamp:** Indicates the remote control status or shooting session status, based on the color and behavior of the lamp. See"Status Lamp on the Remote Control" for more information.
3. **Movie record button:** Starts/stops movie recording.
4. **Shutter-release button:** Functions similarly to the shutter release button on the camera.
   ● *Half-press and press-and-hold operations are not available.*
   ● *When using the self-timer, you can press the button during the countdown to cancel shooting.*
5. **Multi selector:** Functions similarly to the multi selector on the camera. Can be used for manual focus adjustment or item selection.
6. **⊙(apply selection) button:** Functions similarly to the ⊙ button on the camera.
7. **Fn1 button/Fn2 button:** Functions assigned to the **Fn1** button/**Fn2** button on the remote control via the camera can be used. (These buttons are not equivalent to the **Fn** buttons on the camera.)
8. **Power button:** Press the button to turn on the remote control and search for the camera that has already been paired. Keep holding down the button (for at least 3 seconds) to search for a camera that

is not currently paired with the remote control. While the remote control is on, press the button to turn it off.
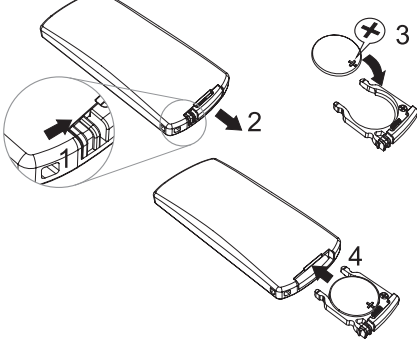9. **Battery holder**
10.**Strap eyelet** (strap is included)

Precautions for Use
● The functions that you can perform using the remote control may vary depending on the camera. See the manual of your camera for further details.

Installing the Battery (Figure 2)

(Figure 2)

When using the remote control for the first time, pull out the battery holder and install the battery CR2025 as shown in Figure 2 while making sure that the positive and negative sides of the battery are in the correct orientation.

(If replacing the battery; pull out the battery holder and replace the battery to a new one as shown in Figure 2 while making sure that the positive and negative sides of the battery are in the correct orientation.)

Pairing the Remote Control and Camera
Before using the remote control for the first time, it must be paired with the camera.
In this manual, "pairing" refers to the process of mutual authentication that is performed between Bluetooth® devices to establish a connection.

1. **Enable pairing on the camera.**
   ● Network menu on the camera→**Choose connection**→**Remote control**→ ⊙ button →Network menu on the camera →**Connection to remote**→ ⊙ button

2. **Press and hold (for at least 3 seconds) the power button on the remote control.**
   ● Pairing starts for the remote control and camera. While the process is being performed, the status lamp on the remote control blinks quickly (twice per second).
   ● When pairing is complete, the remote control and camera are connected. The 🕭 icon is displayed on the shooting screen of the camera.
   ● If a pairing failure message is displayed, perform the procedure again from step 1.
   ● To turn off the remote control, press the power button on the remote control.

Precautions for Use
● Only one camera can be paired with the remote control at a time.
● When another camera is paired with the remote control, the pairing information kept on the remote control is replaced by that of the newly paired camera.

● Since operations may vary depending on the camera, see the manual of your camera for further details.

Connecting to a Paired Camera
If the camera has already been paired with the remote control, a connection can be established simply by pressing the power button on the remote control. In this case, do not press and hold the button.
● Before establishing the connection, turn on the camera and select **Remote control** in **Choose connection** in the network menu.
● If the connection is not established properly, check the camera settings and turn the remote control off and back on again.
● A camera that was previously paired with the remote control needs to be paired again if another camera is paired with the remote control or if the camera settings are reset.

Auto Off Function of the Remote Control
The remote control automatically turns off in the following situations:
– When no pairing device has been detected for 1 minute
– When the wireless connection is interrupted and not restored within 1 minute
– When another device is selected as the pairing device on the camera
Press and hold the power button to try re-pairing or check the pairing settings on the camera.

Status Lamp on the Remote Control*

Color	Status	Description
Green	Blinking once per second	Remote control is searching for device that has already been paired.
Green	Blinking quickly (twice per second)	Pairing process is being performed.
Green	Blinking slowly (once per 3 seconds)	Connection is established between remote control and camera.
Orange	Blinks once	Still image shooting starts.
Orange	Blinks twice	Still image shooting ends.
Red	Blinks once	Movie recording starts.
Red	Blinks twice	Movie recording ends.

* The information may vary depending on the camera.

Specifications

Transmission method: Bluetooth® Specification Version 4.1
Operating distance: Approx. 10m / 32.8 ft.
Power: 3V CR2025 lithium battery
Operating environment
   Temperature: 0°C–40°C (32°F–104°F)
   Humidity: 85% or less (no condensation)
Dimensions (W × H × D):
   Approx. 40.2 × 94.2 × 9.0 mm (1.6 × 3.7 × 0.4 in.)
Weight: Approx. 24 g (0.8 oz) (including battery)
Accessory: Strap x 1

Specifications and design are subject to change without notice.
Bluetooth® mentioned in the manual is a protected trademark which does not belong to Shenzhen Aodelan Technology Co., Ltd.

AODELAN

无线遥控器　　ML-L7A
使用说明书

感谢您购买奥德兰产品。

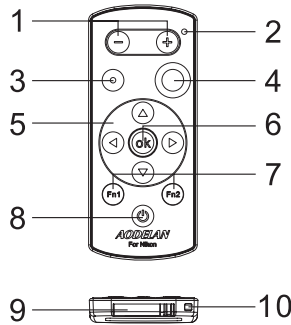奥德兰无线遥控器 ML-L7A 可以兼容蓝牙低功耗技术。通过连接遥控器 ML-L7A 和照相机，可执行录制动画或拍摄照片等遥控操作。

使用前，请阅读本使用说明书以及与 ML-L7A 搭配使用的相机随附的使用说明书。

安全须知

请在使用前仔细阅读"安全须知"，并以正确的方法使用。
- 请勿试图自行拆开或进行维修。
- 请勿在有可能起火、爆炸的场所使用本产品。
- 本产品不具备防水特性，请远离雨、雪等高湿度的场合。
- 请勿将产品放置在超过 45℃ 的高温环境下，比如汽车尾箱内。
- 请勿使用有机溶剂或含酒精的液体来清洁该产品。
- 成年人需要在儿童使用本产品时详细说明如何使用本产品，并在儿童的使用过程中进行监督。
- 有关电池的妥善处理和回收，请咨询地方当局。

部件（图一）

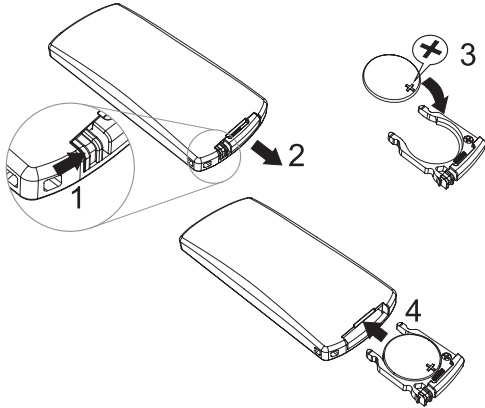

（图一）

1. **－按钮 /+ 按钮**：执行变焦控制等操作。
2. **状态指示灯**：根据指示灯的颜色和状态，指示遥控器状态或拍摄片段状态。请参阅"遥控器上的状态指示灯"以了解更多信息。
3. **动画录制按钮**：开始 / 停止动画录制。
4. **快门释放按钮**：与照相机上的快门释放按钮的功能相似。
   - 不具有半按和按住不放的操作功能。
   - 当使用自拍时，可以在倒计时期间按此按钮取消拍摄。
5. **多重选择器**：与照相机上的多重选择器的功能相似。可用于手动对焦调整或项目选择。
6. **ＯＫ（应用选择）按钮**：与照相机上的 ＯＫ 按钮的功能相似。
7. **Fn1 按钮 /Fn2 按钮**：可使用通过照相机分配至遥控器上 Fn1 按钮 /Fn2 按钮的功能。（这些按钮的功能不等同于照相机上的 Fn 按钮功能。）
8. **电源按钮**：按下按钮可开启遥控器并搜索已配对的照相机。保持按住按钮（至少 3 秒）可搜索当前未与遥控器配对的照相机。遥控器开启期间，按此按钮可将其关闭。
9. **电池仓**
10. **挂带孔**（挂带附送）

使用注意事项
- 可使用遥控器执行的功能因照相机而异。请参阅照相机的说明书以了解更多详细信息。

装入电池（图二）

（图二）

首次使用遥控器时，如图二所示，请拉出电池仓并装入电池 CR2025，同时确保电池的正负极方向正确。（如需更换电池，则也按照图二所示，拉出电池仓并更换为新电池，同时确保电池的正负极方向正确。）

配对遥控器和照相机

首次使用遥控器以前，必须与照相机配对。在本说明书中，"配对"是指在 Bluetooth® 设备之间执行相互验证以建立连接的过程。
1. **在照相机上启用配对。**
   - 照相机上的网络菜单→**选择连接→遥控→ＯＫ按钮→**照相机上的网络菜单→**与遥控的连接→ＯＫ按钮**

2. **按住（至少 3 秒）遥控器上的电源按钮。**
   - 遥控器和照相机配对开始。执行过程中，遥控器上的状态指示灯快速闪烁（每秒两次）。
   - 配对完成后，遥控器和照相机即连接。照相机的拍摄画面上显示 图标。
   - 如果显示配对失败信息，请从步骤 1 开始重新操作。
   - 若要关闭遥控器，请按遥控器上的电源按钮。

使用注意事项
- 一次只可将一台照相机与遥控器配对。
- 当另一台照相机与遥控器配对时，遥控器上保留的配对信息会被新配对的照相机信息取代。
- 由于操作可能因照相机而异，请参阅照相机的说明书以了解更多详细信息。

连接已配对的照相机

如果照相机已与遥控器配对，只需按遥控器上的电源按钮即可建立连接。在这种情况下，请勿按住按钮不放。

- 建立连接前，请开启照相机并选择网络菜单内**选择连接**中的**遥控**。
- 如果未正确建立连接，请检查照相机设定，然后关闭遥控器并再重新开启。
- 如果另一台照相机已与遥控器配对，或重设了照相机设定，则曾与遥控器配对的照相机需要重新配对。

遥控器的自动关闭功能

在以下情况中，遥控器会自动关闭：
- 1 分钟未检测到配对设备
- 无线连接中断且未在 1 分钟内恢复
- 当在照相机上将另一台设备选择为配对设备

按住电源按钮以尝试重新配对，或检查照相机上的 配对设定。

遥控器上的状态指示灯 *

颜色	状态	说明
绿色	每秒闪烁一次	遥控器正在搜索已配对的设备。
绿色	快速闪烁（每秒两次）	正在执行配对过程。
绿色	慢速闪烁（每 3 秒一次）	已在遥控器和照相机之间建立连接。
橙色	闪烁一次	静止图像拍摄开始。
橙色	闪烁两次	静止图像拍摄结束。
红色	闪烁一次	动画录制开始。
红色	闪烁两次	动画录制结束。

* 信息可能因照相机而异。

规格

传输方式：Bluetooth® 技术规格 4.1 版
工作距离：约 10 米
电池：3V　CR2025 锂电池
操作环境
　　温度：0℃ –40℃
　　湿度：85% 或更低（不结露）
尺寸（宽 × 高 × 厚）：约 40.2 × 94.2 × 9.0 mm
重量：约 24g（含电池）
配件：吊带 1 条

规格和设计如有变更，恕不另行通知。
本说明书中所提到的 "Bluetooth®" 是受保护的商标，不属于深圳市奥德兰科技有限公司。

Troubleshooting

Having this problem	Please check the following points
The status lamp does not light up during operation; the remote controller cannot be turned on.	• Pull out the battery holder to check whether the battery is installed with the positive and negative sides are in the correct orientation. • Check the battery level and replace the battery to a new one if needed.
Cannot pair with the camera, remote operations cannot be performed	• Check whether the pairing operation is in accordance with the steps and requirements in "Pairing the Remote Controller and Camera" and its "Precautions for Use". • Pairing and remote operations cannot be performed when the camera is connected to a computer or GPS receiver, etc. with an interface cable. Perform pairing and remote operations after disconnecting the cable. • Remote operations cannot be performed when the camera is connected via Wi-Fi. Remote operations can be performed again when the Wi-Fi connection is terminated.
The remote control operation takes time or fails	• The remote controller performs Bluetooth® communication using radio waves in the 2.4 GHz band. For this reason, there may be radio wave interference and results in the remote control operation may take time or fail if there are electronic devices operating on the same frequency band nearby. In such a case, restart the camera and the remote controller, try to move away from the interference area and then operate it again. • Check whether the remote controller is too far away from the camera (more than 10 meters). In addition, the operating distance of the remote controller may become shorter if people or other obstructions are between the remote controller and the camera.

故障排除

存在问题	请检查以下几点
操作时状态指示灯不亮，遥控器无法开机	• 拉出电池仓，检查电池正负极方向是否安装正确。 • 检查电池电量，在需要时更换为新电池。
无法与相机配对，不能进行遥控操作	• 检查配对操作是否按照"配对遥控器和照相机"及其"使用注意事项"中的步骤和要求。 • 如果相机已经通过接口电缆连接到计算机或 GPS 接收器，则无法进行配对和遥控操作。只有断开电缆连接才能进行配对和遥控操作。 • 如果相机已经通过 Wi-Fi 连接到其他设备，则不能进行遥控操作。Wi-Fi 连接结束之后可以继续进行遥控操作。
遥控操作需要较长时间或者失灵	• 本遥控器使用 2.4 GHz 频段的无线电波进行蓝牙通信。因此，如果附近有电子设备以相同的频段运行，可能会发生无线电波干扰而导致遥控操作需要较长时间或者失灵。在这种情况下，请重启相机和遥控器并尽量远离干扰区域，再次进行操作。 • 检查遥控器是否距离相机太远（超过 10 米）。另外，如果有人或其他障碍物挡在本遥控器与相机之间，遥控器的操作距离可能会变短。