

# AROFLY<sup>®</sup>

Intelligent Dynamic Pressure Technology

## Quick Start Guide



## PACKAGE CONTENTS



Package Box



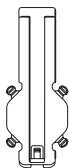
LINK Transmitter



AROFLY Power Meter



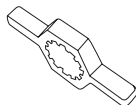
Cadence Sensor



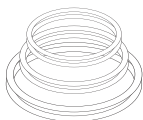
LINK Holder



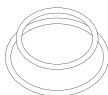
Presta Valve Adaptor



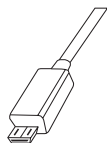
Wrench tool



LINK Holder-Rubber Tie x 6



Cadence-Rubber Tie x 2



Micro USB Cable

## INSTALLING AROFLY POWER METER ON CYCLE REAR VALVE ONLY

### Tips:

Before installing AROFLY power meter to the rear tire valve, please inflate the bike tires to appropriate tire pressure as marked on the tire. Suggest the road bike to be 90~120psi (6~8bar); Mountain bike to be 35~65psi (2.4~4.5bar)

Before using AROFLY power meter, twist open the cap, then remove the INSULATION TAB, from between the battery contact.



Place Wrench onto the AROFLY Base. Twist counter-clockwise to open AROFLY Cap.



Pull and remove Insulation Tab from AROFLY to connect battery. Replace the cap to AROFLY.

Installing AROFLY to the cycle rear valve: If it is a Schrader valve, please install directly; If it is a Presta valve, please use the Presta valve adaptor first, included in the kit, before installing the AROFLY power meter.



If it is a Presta valve, please loosen "the valve pin" to the top-end of the Presta valve shaft.



Install "Valve Adaptor" on Presta valve. Ensure the correct side of the Adaptor to the Valve.




Twist Adaptor firmly on the Presta valve.



Install AROFLY on the Adaptor.



If it is a Schrader valve, AROFLY can be installed directly onto the rear valve (no need for any adaptor).

 Be sure to twist tightly to avoid air leakage, and to ensure good contact with valve pin.

## INSTALLING CADENCE SENSOR ON CYCLE LEFT CRANK ONLY

Using the rubber ties included, secure the cadence sensor to the inner side of the cycle left crank.



Attach the cadence sensor to the inner side of the cycle left crank for best performance

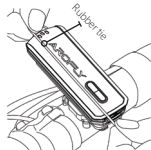
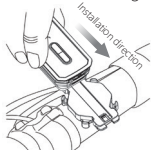
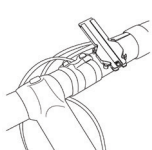
### Tips:

Insert the battery to Cadence Sensor



## MOUNTING THE LINK TRANSMITTER

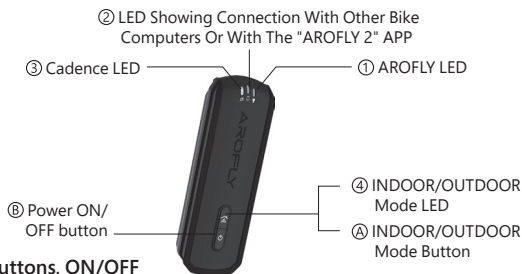
1. Use the proper size of Rubber ties (included in this package) to fix the "Holder" on the bike Handlebar or Stem.
2. Slide the "LINK Transmitter" into the "Holder" starting from the front of the bracket, as shown in the picture.
3. Use the Rubber Tie (included), to secure the "LINK Transmitter" on the Holder. (Ensure the Rubber Tie is secure in the holder groove.)



### Remark:

For your Attention: After installation of the "LINK", there must be no other device or equipment in front of the "LINK Transmitter".

## LINK TRANSMITTER: BUTTONS AND LED STATUS



### Buttons, ON/OFF

- **Power ON:** Press and hold the Power button for 3 seconds.( ⑤ )
- **Power OFF:** Press and hold the Power button for 3 seconds.( ⑤ )
- **INDOOR/OUTDOOR Mode:** On the "LINK", press once on the INDOOR/OUTDOOR mode button to switch.( ⑥ )
- **Paring:** On the "LINK", simultaneously press and hold the INDOOR/OUTDOOR mode button and the Power ON/OFF button.( ⑥ + ⑤ )

## LINK TRANSMITTER: BUTTONS AND LED STATUS

### LED STATUS

#### ① AROFLY LED Activity On The LINK TRANSMITTER

- **Solid green:** "LINK", not connected with the AROFLY power meter.
- **Solid blue:** "LINK", connected with the AROFLY power meter.
- **Flashing red:** On the "LINK", indicates the battery of the AROFLY power meter is low.
- **Solid red:** On the "LINK", it is a warning message, please check the status on the "AROFLY 2" APP.
- **Alternating green, blue, and red:** The "LINK" is attempting to pair with the AROFLY power meter.

#### ③ Cadence LED Activity On The LINK TRANSMITTER

- **Solid green:** "LINK", not connected with the Cadence sensor.
- **Solid blue:** "LINK", connected with the Cadence sensor.
- **Flashing red:** On the "LINK", indicates the battery of the Cadence sensor is low.
- **Alternating green, blue, and red:** The "LINK" is attempting to pair with the Cadence sensor.


#### ② LED Activity On The LINK TRANSMITTER Showing Connection With Other Bike Computers Or With The "AROFLY 2" APP.

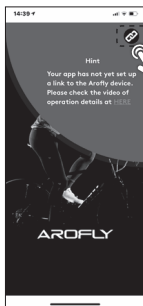
- **Flashing red:** On the "LINK", indicates the battery of the "LINK" is low.
- **Solid red:** On the "LINK", indicates the "LINK" battery is charging.
- **Red OFF:** On the "LINK", indicates the "LINK" battery has been completed charged.
- **Solid blue:** On the "LINK", indicates transmitting ANT+ and BLE signals simultaneously. Check the connection status on the devices (Bike Computers or the "AROFLY 2" APP).

#### ④ INDOOR/OUTDOOR Mode, LED Activity

- **Solid blue:** On the "LINK", indicates Indoor mode, when riding indoor, please select the correct bike trainer on the "AROFLY 2" APP.
- **Blue OFF:** On the "LINK", indicates the "LINK" is on Outdoor mode.

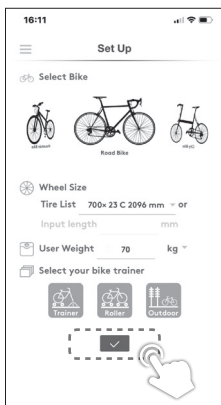
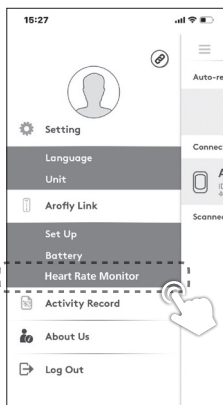
## TO CONNECT WITH THE "AROFLY 2" APP AND TO SETUP THE LINK TRANSMITTER

1. Turn power ON the "LINK" and turn on Bluetooth, on your phone.
2. Open "AROFLY 2" APP, and click the connection icon , to search for the "LINK" that you are currently using.
3. The LINK TRANSMITTER code will show on the "AROFLY 2" APP, click it to connect.



## TO CONNECT WITH THE "AROFLY 2" APP AND TO SETUP THE LINK TRANSMITTER

- If connected with Heart Rate Monitor, click the "Heart Rate Monitor" in the Main page to pair.
- Enter Set Up page, input requested details and then click  to start your ride.



### Reminder:

If using other GPS bike computers, Heart Rate Monitor should be paired with other GPS bike computers, not with "AROFLY 2" APP

- Display real-time riding data

Press  to start the ride and display data.

Press  to end the ride.

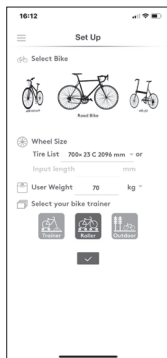
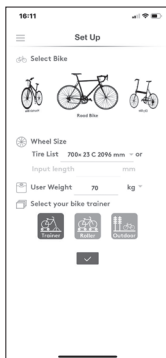


### Data Display:

- Speed
- Cadence
- Power
- Trip Time
- Trip Distance
- Rear Tire Pressure
- Ascent
- Left/Right Pedal Ratio
- Heart Rate

## INDOOR/OUTDOOR MODE

On the LINK Transmitter, press once on INDOOR/OUTDOOR mode button ④ to switch the modes.

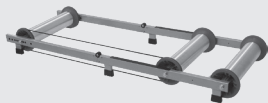


### Reminder:

When riding indoor, the Bike Trainer or Roller must be selected correctly on the "AROFLY 2" APP.

### Tips:

- When riding outdoor, please confirm the INDOOR/OUTDOOR mode LED ④ on LINK Transmitter is OFF.
- AROFLY measures power by tire pressure variation. When riding indoor, it only works on the bike trainer with rollers, for the rear tire of the bike.
- AROFLY performs better on rollers without any resistance.



Roller



Trainer

## WARNING MESSAGES

When AROFLY LED ① activity is solid red, please check below errors on the "AROFLY 2" APP and resolve.

- **LOW TIRE PRESSURE:** Action, inflate your tire pressure
- **INDOOR MODE STILL ON:** Action, switch the INDOOR mode OFF on the "LINK"
- **CHECK VALVE:** Action, correctly install AROFLY power meter again

## SPECIFICATION

### AROFLY Power Meter

Product Name	AROFLY Power Meter
Size	Diameter 20mm/ Height 20 mm
Weight	7.2g (Battery excluded)
Battery	CR 1632
Working Hours	1500 Kilometers
Water Proof	IPX6
Transmission	By Bluetooth

### LINK Transmitter

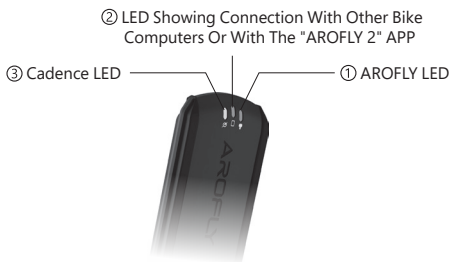
Product Name	LINK Transmitter
Size	92.3 mm x 30.3 mm x 21.1 mm (without holder)
Weight	42g
Battery	Rechargeable Battery
Working Hours	15 hours
Water Proof	IPX6
Transmission	By Bluetooth / ANT+

### Cadence Sensor

Product Name	Cadence Sensor
Size	37.6 mm x 33.3 mm x 10.3 mm
Weight	10.3g
Battery	CR 2032
Working Hours	350 hours
Water Proof	IPX6
Transmission	By Bluetooth



## CHANGE BATTERY



### AROFLY Power Meter

When LED activity ① is flashing red, it means the "AROFLY Power Meter" battery is low, replace with new battery.



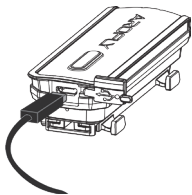
Open Arofly Cap



Take out battery

### LINK Transmitter

When LED activity ② is flashing red, it means the "LINK" battery is low. Please use the USB cable included in the package to charge the "LINK".



### Cadence Sensor

When LED activity ③ is flashing red, it means the "Cadence Sensor" battery is low, replace with new battery.



## ATTENTION

1. Please follow the bicycle manufacturer's instructions to regularly check your cycle tire-pressure, that it is at optimum level before installing AROFLY on the tire valve.
2. AROFLY is compatible with most Presta & Schrader cycle valves, but may not fit on other types of cycle valves.
- 3." AROFLY 2" APP is compatible with most iOS and Android systems for smart phones, but does not guarantee to work with other operating systems due to the diversity.
- 4.Because of the system diversity, we can not guarantee compatibility with certain heart-rate monitors
5. AROFLY power meter is NOT suitable on tubeless tires, because the sealant inside the tube, will damage the AROFLY sensor.
6. Please be sure to update the "LINK" software to the latest version.

## WARRANTY

1. AROFLY comes with a 12 month warranty against manufacturer's defects, or failure to work within the 12 months, from date of original purchase. Warranty cannot be transferred.
2. Warranty does not cover failure from, neglect, accidental damage, due to dropping, crushing, misuse, and failure to follow the instruction manual.
- 3.If the AROFLY is opened without the manufacturer's assistance or any tampering with the electronic components, it will COMPLETELY VOID the WARRANTY.



Design & Manufacture by  
TBS Group Corporation  
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