TROUBLESHOOTING

PROBLEM	SOLUTION
Racer not responding to controls.	Repeat the pairing process between Racer and Remote. Battery exhausted. (Racer's lights slowly flashing). Recharge battery. Remote battery exhausted. (Status LED slowly flashing) Replace with new battery.
Cannot see camera view.	Connect to Racer's WiFi hotspot.
Racer not responsive when controlling with app.	WiFi range is 50-60 feet. Close the distance between Racer and User.
Video lags.	WiFi range is 50-60 feet and can be blocked by obstructions. Move closer and have clear line of sight.
I can see video, but I cannot control the car with the phone.	The car's battery is exhausted. Recharge battery.

SPECIFICATIONS

- Fits Smart Phones with screen size: 4.7"—5.9" measured diagonally

CARE & MAINTENANCE

- Spot clean only with damp cloth. Do not use harsh chemicals.
- Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.
- Ensure that the lenses are not scratched and keep them clean for clear visibility.
- Store in cool dry area.
- Ensure that the strap is kept clean.

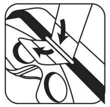
*Requires iOS® or Android™ smartphone operating Google Cardboard-compatible apps (not included). Recommended screen size: 4.7"—5.9" measured diagonally.

MerchSource, LLC. is not affiliated with or responsible for any content distributed through the App Store® or Google Play™.

VR HEADSET SET UP:

Download and install the VR ITALIA app from the App Store™ or Google Play™.

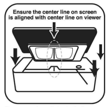
Note: Please remove your phone case before inserting your phone into the VR Headset.



Insert top strap through the top of the VR Headset then through the Side Strap's buckle. Adjust with loop and hoop padding.

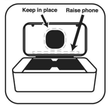
Note: Side strap and top strap can be removed completely for handheld viewing.

Open the front part of the VR Headset.


Ensure the center line on screen is aligned with center line on viewer

Place your phone flat onto the lens portion of the VR Headset compartment and close the compartment. **Make sure your phone's split screen line matches up with the line found inside of the VR Headset.**

Note: If your viewing experience is blurry please make sure the phone is properly aligned with the center line.



If your phone doesn't line up properly you may need to use the provided foam padding to raise your phone. Foam padding can also be placed behind phone to keep it in place.

Using the adjustable straps, secure the VR Headset to your head.

Note: For optimal performance the phone should not move inside of headset.

USING YOUR HEADSET:

Press the top button on the VR Headset to select objects in your app or video (not supported by every app or video). Certain screen protectors may interfere with the top button function.

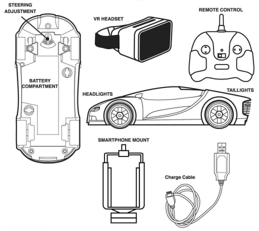
⚠ **SAFETY WARNINGS: PLEASE READ ALL SAFETY WARNINGS BEFORE USE**

- The VR Headset should not be used by children under 8 years of age.
- Adults should monitor children over the age of 8 for the symptoms described below and ensure they take the recommended breaks.
- Use the VR Headset only for its intended purpose.
- Some people may experience seizures or dizziness when experiencing virtual reality. Stop use immediately if you feel any discomfort and consult your doctor if you have any concerns.
- Ease into the use of the VR Headset to allow your body to adjust; use for only a few minutes at a time at first, and only increase the amount of time using the Gear VR gradually as you grow accustomed to virtual reality. Looking around when first entering virtual reality can help you adjust to any small differences between your real world movements and the resulting virtual reality experience.
- Only use the VR Headset in a safe environment and always be aware of your surroundings. The VR Headset produces an immersive virtual reality experience that blocks your view of your actual surroundings.
- Always remain seated when using this product.
- Never wear the VR Headset in situations that require attention, such as walking, bicycling, or driving.
- Take frequent breaks when using the VR Headset (at least a 15 minute break every 30 minutes is recommended).
- Never use the VR Headset while in a moving vehicle as this may increase any susceptibility to adverse symptoms.
- Do not handle sharp or otherwise dangerous objects while using the Smartphone 360˚ Virtual Reality Headset.
- Make sure the VR Headset is level and secured comfortably on your head, and that you see a single, clear image.
- Do not modify or service the VR Headset. The VR Headset has no serviceable parts.
- The VR Headset is not a protective case for your phone. Avoid dropping, hitting, or sitting on headset.
- Inspect the product before every use. If the product appears worn, frayed, cracked, or broken in any manner, discontinue use and discard immediately.

AGES
8+

CONTENTS:

VR Racer	VR Headset	Cellphone Mount
Remote Controller	Recharging Cable	



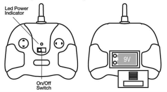
BATTERIES:

The remote control requires a 9V battery (Included).
The car uses a rechargeable battery (included).
You will need to use a Phillips or Cross screwdriver to open the battery compartments.

RACER:

The rechargeable battery has a partial charge. For best results, it will need to be fully charged before use.

1. Open the battery compartment and remove the battery.
2. Use the included USB charging cable to connect the battery to a powered USB port or standard 5V USB wall adapter. Only use the included cable for charging. The USB end of the cable will glow red and flash green while charging. Please allow approximately 120-150 minutes for a full charge.
3. When the battery is fully charged the USB will glow a solid green.
4. Disconnect the battery from the cable and insert into the battery compartment. Disconnect cable from power source and store for easy access.
5. Connect the power leads to the car's power cable.
6. Replace battery cover and tighten screw.



SAFETY PRECAUTIONS

- Avoid water when operating.
- Adult supervision required.
- Indoor use only. Hard floors preferred. Use on carpet not recommended.
- Do not submerge car or controller in water.
- Do not use people or animals as obstacles.
- Do not run car into furniture objects or hard surfaces as this will cause damage to both the objects and car.
- Keep fingers, hair and loose clothing away from the tires, gears and motor while car is switched to "ON'.
- Do not leave car or remote near sources of heat or under direct sunlight for long periods of time.
- Remove all batteries when not in use to avoid accidental operation.
- Adult supervision is recommended when operating car.
- Thoroughly inspect products before every use. If the product appears worn, frayed/splintered, cracked, or broken in any manner, discontinue use and discard immediately.
- Keep these instructions for future reference.

⚠ **BATTERY WARNING:**

- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable batteries.
- Alkaline batteries are recommended. Use only the specified voltage.
- Insert batteries using the correct polarity. Always use, replace, and recharge (if applicable) batteries under adult supervision.
- Do not charge with non-rechargeable batteries.
- Do not short-circuit the battery supply terminals.
- Do not dispose of batteries in fire, batteries may explode or leak.
- Remove batteries before storing.
- Recycle or dispose of batteries according to federal, state, and local laws.
- Keep these instructions for future reference.

⚠ **RECHAREGABLE BATTERY WARNING: (REPLACEABLE BATTERY)**

- There is a risk of fire and personal injury if battery is punctured, damaged, or misused.
- Do not dismantle, crush, incinerate or short-circuit battery.
- Never expose battery to extreme temperatures or moisture.
- Keep away from flammable materials and direct sunlight.
- Only charge using the provided charger, cable, and/or adapters.
- Rechargeable battery is only to be charged by an adult.
- Adult Supervision of the battery while it is charging is required.
- Allow battery to cool to room temperature before charging.
- Charge on a non-flammable surface and keep away from flammable products
- Discontinue charging if battery becomes hot, swells, smokes, or gives off a strong odor.
- Battery chargers used with the product are to be regularly examined for damage to the cord, plug, enclosure, and other parts, and in the event of such damage, they must not be used until the damage has been repaired.
- Remove batteries before storing.
- Recycle or dispose of battery according to federal, state, and local laws
- Keep these instructions for future reference.

NOTE: If the car drifts left or right while driving on a level surface, use the Steering Adjustment to make corrections.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the 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.

NOTE: 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.

FCC RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the car at least 20cm from nearby persons.

FAO®, FAO Schwarz®, names and logos are trademarks or registered trademarks. All rights reserved. www.fao.com

Distributed by and ©2018 MerchSource, LLC. Irvine, CA 92618.
For customer support please call 1-888-987-6533.
Printed in China

BC **KEEP THIS INSTRUCTION MANUAL AS IT CONTAINS IMPORTANT INFORMATION FOR FUTURE REFERENCE.**

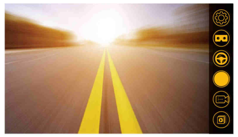
Due to continuous product improvements, the picture on the manual may differ slightly from the actual product.

DOWNLOADING AND INSTALLING THE VR ITALIA RACER APP

The VR Italia App is needed to access the car's camera.
It can also be used to control the car. Search "VR Italia Racer" in your smartphone's app store or scan the QR code located below.

Google Play™

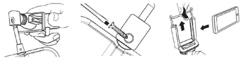
iOS™

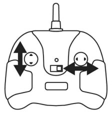


CELLPHONE MOUNT

You can mount a WiFi-equipped mobile device to your remote for a car's-eye view of the road.

1. Insert antenna through the hole at the base of the cellphone mount.
2. Align the hole on the mount with the hole in the antenna. Use the included screw to secure the mount to the remote.
3. Carefully slide the phone into the mount by pulling the top of the mount upwards. Adjust angle as needed.





PAIRING CAR WITH REMOTE

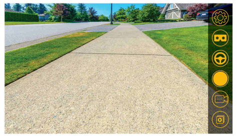
The remote needs to pair with the car in order to control it.

1. Turn on the remote. Its status LED will flash.
2. Turn on the VR Racer. Its headlights and taillights will flash
3. The pairing process is automatic. After a few seconds, the lights will stop flashing and remain lit. The remote will issue a tone indicating that the process is complete and the car is ready to run.

USING THE VR ITALIA APP

Once the car is powered on, the VR Italia app can view its camera

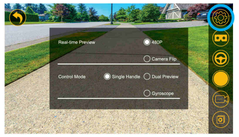
1. Go to your phone's WiFi access
2. Select the network labelled "VR Italia Racer".
3. Once the phone has connected to the network, return to the VR Italia app and see the car's-eye view.



Remember to keep an eye on the car itself while driving! The WiFi range is up to 60 ft. To exit a screen, tap the ↰ icon in the upper left corner.

SETTINGS

Tap the Settings button to customize the experience.



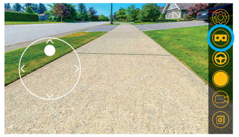
Real-time Preview ● 480P
○ Camera Flip
Control Mode ● Single Handle ○ Dual Preview
○ Gyroscope

Resolution – Cannot be changed from 480P (640x480 pixels)
Camera Flip – Flips the image, not the car.
Control Mode – You can control the car without the remote using the on-screen joystick(s).

- **Single Handle** uses one joystick to control movement and turns.
- **Dual Handle** replicates the Controller's method.
- **Gyroscope** – This uses your smartphone's internal accelerometer to control the Racer just by moving it. It overrides the other two modes.
- Deselect **Gyroscope** to turn it off and return to the other control modes.

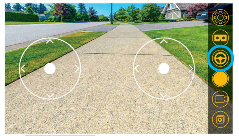
DRIVE

The Racer can be controlled directly from the VR Italia app without the controller. Select Single or Dual control in Settings (above).



Single Control:

- Touch and drag within the on-screen circle(s) to control the car just like with a joystick.
- An on-screen guide will give general guidance to help avoid obstacles ahead.

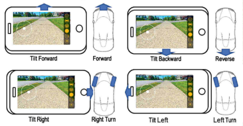


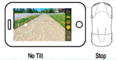
Dual Control:

- On-screen controls match the Remote Control's Joysticks. The left controls movement forwards or backwards, while the right controls steering.

Gyroscope:

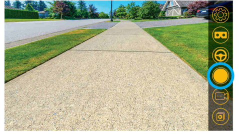
Controls the Racer just by moving the phone. For best results have the phone flat before tapping the Drive button as the Racer will start moving otherwise.





SNAPSHOT

NOTE: You must grant the app access to your photo album in order to use this feature.
Tap the Snapshot button to take a picture which will be saved to your phone's memory.

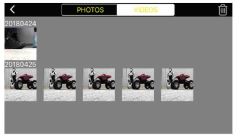


VIDEO

Tapping the Video button will start recording a video of your Racer's travels. Tap the button again to end the video.
Snapshots and video can be also accessed from within the App using the Album button.

ALBUM

Tap the bottom button on the screen to access the Album. There you can review all of the photos and video captured during your drive. You can play them back and remove them from the app's album.
NOTE: Some operating systems may require you to delete the images from within the phone's photo and video album.



NOTE:

- The Remote has an effective range of up to 65 feet
- WiFi control is effective to a maximum of 50-60 feet.
- Both ranges are reduced if objects block the signals.
- Use of the Remote offers extended play time compared to controlling the Racer with the app.