CaddyTrek®

R4

User Manual

Digital User Manual

Scan QR Codes to View Videos

You can also click on the blue links to view them as well.

https://www.caddytrek.com/wp-content/uploads/2026/09/CaddyTrek-R4-User-Manual.pdf

Rev. 1.00

WARNING: LITHIUM-ION BATTERY

CAUTION

To prevent the risk of fire or battery explosion, keep away from ignition sources, heat, and flame. Avoid mechanical or electrical abuse.

Lithium-ion batteries provide high energy density and can be recharged time after time. Storing large amounts of energy can be inherently dangerous as these batteries contain lithium ions and highly flammable electrolytes.

Causes of lithium-ion failure include puncture, overheating, overcharging, short circuit, internal cell failure and manufacturing deficiencies. See WARNINGS below.

If your lithium-ion battery has any of the following signs stop using it immediately and call 702-982-6598. Keep away from anything flammable.

- Strange odor
- Leaking
- Change in color or shape
- Excessive overheating
- Strange noises

It is important to be aware of the potential dangers of lithium-ion batteries and follow good battery safety tips to prevent fires or explosions.

WARNINGS

- Store the battery in a cool, dry place away from direct sunlight and excessive heat or cold.
- Do not store or charge the battery in temperatures below -10°C or above 40°C
- Charge in a well-ventilated area.
- Do not charge the battery in a sealed container or upside down.
- Do not charge the battery near the heater, or where heat accumulates, or in direct sunshine.
- Do not leave the battery charging overnight.
- Do not disassemble or open the battery. Risk of electric shock or fire
- Do not touch the electric poles of the battery.
- Do not keep the battery connected to the grid during prolonged power outages.
- Do not splash or immerse the battery in liquids.
- Do not use a non-CaddyTrek branded charger to charge the battery, as it may cause battery damage or cause a fire.
- Do not use the battery if damaged.
- If disposing of a battery, take it to a proper recycling center

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I. Getting Started

What's Included with the CaddyTrek?

The CaddyTrek is shipped with the following items:

- Main Battery
- Main Battery Charger
- Handset
- Handset Battery
- Handset Battery Charger
- Two (2) Year Manufacturer's Warranty

Handset Battery and Charger

The handset comes with a Lithium-Ion 4.2V battery and battery charger. The battery takes about four (4) hours for a full charge and will last about 30 hours.

Charging the Battery

The CaddyTrek uses a Lithium-Ion battery to power the cart and should be fully charged before use. Approx. 6-8 hours.

You can charge the main battery and handset on any 110-volt outlet. Plug the charger into the charging port located on the battery inside the electronics box. Once fully charged, unplug.

The following instructions will show you how to correctly charge the main battery using the provided battery charger and explain what the indicator lights mean.

Checking Battery Level

To check the battery level, press the **RED** button on the top left of the battery (see photo).

Green Light Indicators

- 3-green lights: The battery is fully charged.
- 2-green lights: The battery is 50-75% charged.
- 1-green light: The battery is less than 50% charged.

Note: Low battery voltage is indicated by four loud beeps from CaddyTrek.

I. Getting Started

Using the Battery Charger

1. Charge the main battery in or out of the unit.
2. Plug the battery charger into the main battery's charging port.
3. Plug the other end of the battery charger into a power outlet.
4. The indicator light should turn **RED** to indicate the battery is charging.
5. If the charge indicator light does NOT turn **RED:**
   a. Leave the charger plugged into the battery.
   b. Unplug the charger from the power outlet, wait 5 seconds, then plug it back in.
   c. Within 3 seconds, the indicator light should now turn **RED**.
6. Charge the battery for about 6 hours.
7. Check the battery charge level again (refer to checking battery level above).
8. If the indicator light is **GREEN**, the battery is charged.
   a. Unplug the charger from the battery.
   b. Carefully reinsert the battery back into the CaddyTrek and begin use.
9. If the indicator light is not **GREEN**, charge for an additional 1-2 hours.

Cell Phone Charger (USB Port)

Remove the included Bluetooth dongle to use the charger. To use the CaddyTrek app, you must plug the USB dongle back in.

Unfolding and Folding CaddyTrek

Watch the video below

https://youtube.com/shorts/rBPMTX6iE8c?feature=share

Familiarize Yourself with the Handset Layout

Understanding how to maneuver the unit quickly is essential in avoiding an accident and getting maximum benefit out of the CaddyTrek.

I. Getting Started

Abbreviations

Abbreviations mentioned throughout this user manual and what they mean.

SM	=	Standby Mode
RC	=	Remote Control Mode
PA	=	Power Assist Mode
FL	=	Follow Mode
MD	=	Marching Distance
MC	=	Marching Cruise

Powering up the CaddyTrek

1. Sync the handset with CaddyTrek
   a. Press and hold the power button on the handset
      (circled in red) until you hear the beep.
   b. Turn on the CaddyTrek

Identifying the LED Lights

- Flashing GREEN & BLUE = (SB) mode
- Flashing BLUE= (RC) mode; (PA) mode
- Solid GREEN = (FL) mode
- Solid BLUE = (MD) mode*
- Solid BLUE = (MC) mode*
- Flashing GREEN = Push Mode
- Quick flashing GREEN & BLUE = (SB) to LOCK
- Solid RED light = Reboot the cart

* Refer to page eight (8) of this User Manual

II. USING THE HANDSET

Additional Handset Commands

All modes must be done from (SB) mode. The unit powers up in (SB) mode and returns to (SB) mode upon exiting any other mode.

1. Mute the Handset

a. Press the DOWN arrow (4) times, then press STOP. Listen for the 3 short beeps.

b. Repeat the steps to unmute. Listen for the one long beep.

2. Mute the Cart

a. Press UP, DOWN, UP, DOWN, STOP. Listen for the 3 short beeps.

b. Repeat the steps to unmute. Listen for the one long beep.

3. Check the Handset Battery Charge Level

a. Turn on the handset.

b. Press and hold the STOP button for 2-3 seconds.

c. Read the LED light indicators from left to right.

i. 3 green lights = 100% charged

ii. 2 green lights = 80% charged

iii. 1 green light = 55% charged

iv. 1 green flashing light = 35% charged

v. When the battery level reaches 10%, a low battery alarm will sound (one long and one short beep every minute). You can mute the low battery alarm using the handset's mute function.

4. Using the Directional Buttons

- Press the Forward, Reverse, Left, or Right directional buttons to move CaddyTrek in the desired direction.
- To accelerate CaddyTrek to its maximum speed, hold down the Forward direction button or press it repeatedly.
- To slow CaddyTrek down to a stop while moving forward, repeatedly press the Reverse or Stop button. Once stopped, pressing once more will reverse the unit.
- Note: Pressing the reverse button repeatedly will increase reverse speed.
- To go back into Standby (SB) mode, press STOP, STOP.

5. Recalibrate CaddyTrek

If the unit veers to the left or to the right, you may need to recalibrate it.

a. Power the cart on. Wait about 40 seconds for it to go into Standby (SB) mode.

b. Once in (SB) mode, press LEFT, RIGHT, LEFT, RIGHT, then press STOP.

c. When the cart stops beeping, you can then reboot it.

III. Operation Modes

Bluetooth Capabilities

The CaddyTrek has Bluetooth capabilities, allowing you to easily perform the following tasks directly from your phone:

- Set parameters
- Set preferred distance
- Set preferred speed
- Set lock code
- Find remote control
- Read diagnostic codes
- Gyroscope Calibration

IOS

Android

Connect to Bluetooth

You can download the app from your phone's Play Store.

Manual Push Mode (Free Wheel) Mode

1. Activating Free Wheel Mode from Cart

a. From (SB) mode, short-press both buttons on the cart at the same time. Listen for one short beep.
b. The LED light on the cart will be flashing GREEN, indicating push mode.
c. To disengage, short-press either button. Listen for the double beep.
d. You are now back in (SB) mode.

https://youtu.be/0fyPWwJxugM

2. Activating Push Mode Using Handset

a. From (SB) mode, hold down the forward directional button and listen for the single beep.
b. The wheels will unlock, and you can now move the cart freely.
c. To disengage and return to (SB) mode, press the STOP button, and listen for the double beep.
d. You are now back in (SB) mode.

https://youtu.be/7G7XHyq9-U8

III. Operation Modes

Remote Control (RC) Mode

1. Power on the handset first, and then the CaddyTrek.
2. Position yourself behind the large wheels of CaddyTrek with your chest facing the CaddyTrek.
3. Hold down the "Left" directional (RC) button until the handset emits a short beep and the (RC) light is blinking on the handset. **50-yard max range.**
4. You will hear a single beep, and the LED light on the cart will flash blue when (RC) mode is ready.
5. To stop the cart and remain in (RC) mode, press the STOP button once.
6. To stop the cart and go into (SB) mode, press the STOP button twice. The cart will double-beep.
7. (RC) mode is ready after powering on. (FL) mode is ready after 40 seconds.
8. For fast reverse, press the Reverse (down) button several times till you reach the desired speed.

https://youtu.be/JBQCLpllPeI

Advanced Features: Smart Stop

The CaddyTrek R4 has an additional feature called "Smart Stop." This feature sets a maximum distance between the user and the cart. The cart will automatically stop when it reaches 15 meters from the user and will resume moving once the user approaches within 7.5 meters (half of the stopping distance).

The stopping distance can be adjusted in the CaddyTrek App. This feature helps ensure the cart remains within a safe distance from the user. Use the handset for direction and speed.

1. To activate "Smart Stop," while in (RC) mode, long-press the (FL) button. LED light will flash BLUE.

https://youtu.be/OFwq3-qEWn8

III. Operation Modes

Follow (FL) Mode

You can activate follow (FL) mode in two ways:

- From the handset
- From the cart

1. Activate from the handset

a. To activate (FL) mode, hold down the FOLLOW button, listen for the single beep, then start walking.

b. The LED light on the cart will turn solid GREEN.

c. To deactivate, press the STOP or the FOLLOW button; listen for the double beep.

https://youtu.be/ar7oxsCPkMg

2. Activate from the cart

a. To activate (FL) mode from the cart, short-press the LEFT button and listen for the short beep. The LED light (circled in red) will turn GREEN.

b. Walk away from the cart, slowly and in a straight line. While walking away, within about five (5) paces, the cart will be able to pick up speed to keep up with you.

c. To deactivate, short-press either button. CaddyTrek will double-beep when disengaged. You are now free to walk around.

https://youtu.be/ZMeQ4WCyRVg

TIPS

- When walking away from the cart, you want to let the cart slowly pick up its speed. DO NOT walk away from the cart at a fast pace. When deactivating follow mode, SLOW down BEFORE stopping.

III. Operation Modes

Marching Mode (MD)

You can activate (MD) mode by the cart or by the handset.

1. **Activate from the handset**
   a. Hold down the RIGHT directional button until you hear one short beep.
   b. The LED light on the cart will turn solid BLUE.
   c. Once you start walking forward, the cart will move in front of you.
   d. To deactivate, press the STOP button. The unit will double-beep.

   https://youtu.be/rxAbFzdiUmA

2. **Activate from the cart**
   a. Press the RIGHT button on the cart and listen for the short beep, then take a step back. The LED light (circled in red above) will turn solid BLUE.
   b. Once you start walking, the cart will move in front of you.
   c. To deactivate, stop, take one big step back, or short-press either button on the cart.
   d. The cart will double-beep when disengaged.

   https://youtu.be/TA3HALzMxOc

3. **Adjusting the Distance in (MD) Mode**

While using (MD) mode, you can adjust the distance between the user and the cart by using arm gestures. Refer to page nine (9).

   a. Activate marching mode either from the handset or from the cart.
   b. You can adjust the speed once you start walking.
   c. To increase the distance, place your left arm on your upper right chest.
   d. To decrease the distance, place your left arm on your lower right chest.

   https://youtu.be/57cMpQepjyg

Advanced Features: Marching Cruise (MC)

When using (MC) mode, the user can increase or decrease the speed using arm gestures. See page nine (9). We recommend using the arm gestures when encountering uneven terrain, side hills & slopes.

https://youtu.be/XQiRF1wt9kU

TIPS: Do not place the handset on top of the cart (pull handle) while using March mode.

III. Operation Modes

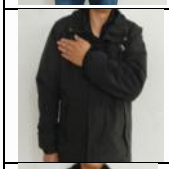
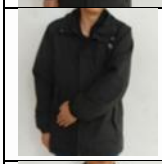
Marching Cruise (MC) Mode Continued:

You can activate Marching Cruise (MC) mode by the cart or by the handset.

1. **Activate from the handset**
   a. Hold down the RIGHT directional button until you hear a double short beep.
   b. The LED light on the cart will turn solid BLUE.
   c. To deactivate, press the STOP button on the remote. The cart will double beep.

2. **Activate from the cart**
   a. Press the RIGHT button on the cart and listen for the double short beep, then take a step back.
   b. The LED light on the cart will turn solid blue.
   c. To deactivate, stop, take a step back, or short-press either button on the cart.

Using Arm Gesture Commands in Marching Mode

	Turn Left: Raise right arm to chest height
	Turn Right: Lower right arm to waist height
	Increase Distance (Use in Marching Mode) & Increase Speed (Use in Marching Cruise Mode): Raise left arm to chest height
	Decrease Distance (Use in Marching Mode) & Decrease Speed (Use in Marching Cruise Mode): Lower left arm to waist height
	Pause: Cross your hands over the lower belly

Steering Cart

https://youtu.be/jRPt4YfM3Ng

March Pausing

https://youtu.be/V5S1jjUFzfk

TIPS: Do not place the handset on top of the cart (pull handle) while using March mode.

III. Operation Modes

Power Assist Mode

We suggest using Power Assist mode when encountering steep hills and slopes.

Activating Power Assist Mode with Handset

1. Press the DOWN direction button. Listen for one short beep. The LED light on the cart will FLASH BLUE when ready.
2. Use the **Up** and **Down** buttons to adjust the speed. Use the **Left** and **Right** buttons to control the direction.
3. Power Assist mode also includes the "Smart Stop" feature. This function sets a maximum distance between the user and the cart. The cart will automatically stop when it reaches 4 meters from the user and will resume moving once the user comes back within 4 meters.

https://youtu.be/kBzYHfdvQHA

4. The stopping distance can be adjusted via the CaddyTrek Bluetooth App. Refer to "Smart Stop" on page six (6) of this User Manual. This feature helps ensure the cart stays within a safe distance from the user.

https://youtu.be/OFwq3-qEWn8

IV. ADDITIONAL FEATURES

Locking and Unlocking the Cart

Before locking the cart, you must first set up a passcode through the CaddyTrek app. Refer to page five (5) of this user manual. The cart will not enter lock mode until a passcode is set up in the app.

Once you have set up a passcode, you can then lock the cart.

Lock the cart

- Hold down the left button on the cart until you hear the double short beep.
- The LED light on the cart will QUICKLY FLASH GREEN AND BLUE.

Unlock the cart

- Enter code by pressing buttons on the cart; or
- Use the handset to enter any mode; or
- Bring the handset close to the cart (within 1.5m of the cart)

https://youtube.com/shorts/a-ntTAwhU_A?feature=share

Disable and Find Lost Handset

If you lost your remote, you can still use the cart by disabling it.

Disable the handset

- Press and hold both buttons on the cart until the cart beeps.

Locate the handset

- Press and hold both buttons on the cart for more than 4 s. The handset will then beep every 1 to 2 seconds.

V. PRECAUTIONS

Wide Open Spaces

CaddyTrek is designed for use in wide open spaces only. Do not operate CaddyTrek in enclosed or confined areas.

Do NOT block the camera.

In the Parking Lot

Use manual Push or Power Assist mode in the parking lot to navigate around cars or other obstacles that can cause the signal to bounce.

Obstacles

The user needs to be aware of obstacles. Use caution and move slowly around obstacles, including bodies of water, bunkers, and other obstructions.

When in doubt, use RC or Push mode.

Signal Interference

When encountering interference, use manual "Push" mode.

Be aware of the following:

- Overhead power lines
- Radio and cell phone towers
- Nearby airports or air bases
- WI-FI or similar electronic signals

RF (Radio Frequency) Interference

If you experience signal interference while in RC mode, it is probably due to cell phone towers nearby or the location of the golf course.

Should you *encounter* interference with the handset, change mode to manual "Push" mode.

Wet Conditions

- DO NOT use the CaddyTrek in wet conditions.
- DO NOT hose down the CaddyTrek with water.
- If it rains, turn off the unit and push the cart to a dry, safe area.
- Dew on the grass is OK to use the cart.

VI. TROUBLESHOOTING

Powering On

If there is no response after two minutes of powering on, reboot the R4.
If after 45 seconds, you do not hear a beep and see a blinking yellow light, reboot the R4.

To reboot the R4, turn off the unit and then turn it on again. Must have a blinking yellow light to use the camera for follow mode.

If you see a red light on the LED, then reboot the R4.

Pairing

If you see three green lights on the handset, then pairing was UNSUCCESSFUL. Repeat the pairing process.

https://youtube.com/shorts/qgQvBUo8etc?feature=share

Sun Glare

Like any other camera, facing directly into the sun may cause sun glare. Shadow the camera with your body.

When using follow mode and walking directly into the sun, switch to Marching Mode to turn the cart away from the sun to prevent glare.

VII. TIPS AND TRICKS

- When going down a steep hill, DO NOT use follow mode. This may cause the cart to tip over. Use Marching Mode or Manual Push Mode.
- Do not walk too fast – The unit may start to sway as the camera tries to find the user. If it starts to sway, stop walking, let the cart catch up, and then start walking again.
- Walk slowly on narrow cart paths to avoid swaying and hitting the curb and/or falling off the cart path.
- DO NOT overload the cart. The maximum load weight is thirty-three pounds. If the cart is overloaded, this could cause the cart to sway.
- Clean the camera lens with a dry, soft cloth regularly.
- If after the first attempt of activating follow mode, wait two seconds, then try again.
- When using Manual Push (Free Wheel) Mode, use it on level grounds.
- Always use an ungloved hand when activating the camera.
- When in doubt, press STOP, STOP. This will take you to Standby (SB) mode. Watch below.

VIII. SPECIFICATIONS

Remote Control	Range up to 50 yards
Motor	Dual motors (250 watt each)
Drive:	Follow: Front wheel drive Remote: Rear wheel drive
Battery Type	Lithium-ion
Battery:	24V 10.5Ah Weight: 6 lbs / 2.7 kg Average Charge Time: 6 Warranty: 2 years
Battery Charger:	Input: 100/240V AC Output: 29.4V 1.8A DC Trickle Charger
Weight	30 lbs. (without battery) 37 lbs. (with battery)
Speed R/C	Up to 7 km per hour
Stopping Distance “Follow”	1.1yd / 1 m (from golfer)
Max. Detection Distance “Follow”	5.5 yd / 5 m (from golfer)
Maximum Load	33 lbs / 15 kg
Slope	20 degree straight uphill
Driving Range (holes)	36 Holes
Dimensions: • Folded • Fully Expanded	 L 59 x W 60 x H 32 cm L 93 x W 60 x H 102 cm
Wheels	Polyurethane (PU)
Frame Material	Aluminum Alloy (Aerospace Grade)
Frame Color	Black
Cover Color Options	Black and Blue
Handset Battery Type Operational Time Charge Time	Lithium-ion polymer 30 hours 2 hours / DC

IX. WARRANTY POLICY

Warranty Policy

FTR Systems warrants the product against manufacturing defects and defects in materials for a period of **TWO (2) YEARS** from the date of purchase.

The following is covered under the terms of the limited warranty:

YEAR 2: motors, electronics, battery, and mechanical parts.

The manufacturer is not responsible for damage or part failure due to normal wear-and-tear or misuse of the product.

Water-damaged caddies: The manufacturer does not warrant water-damaged batteries and electronics; due to fire risk, under no circumstances should they continue to be used.

FTR System's Warranty Obligations

If a defect arises and a valid claim is received within the warranty period, at its option, FTR Systems will either:

- Send parts for replacement at no charge; or
- Repair the defect at no charge, using new or refurbished parts in cases where service work is required.
- FTR Systems, Inc., does not warrant water-damaged batteries and electronics; due to fire risk, under no circumstances should they continue to be used.

Customer's Warranty Obligations

- Customers do not need to register for warranty. Upon shipping to the customer, CaddyTrek is automatically registered for warranty.
- Customers **must** keep the **original shipping box,** including all packaging material supplied with it.
- Customers should follow a regular maintenance program to keep their unit in top performance.
- Customers should follow recommended use guidelines when using the product. Using the CaddyTrek in areas or in a manner not defined as normal operating standards can void any future warranty claims.
- Maintain sufficient charge on the battery at all times. Charge the battery using the supplied charger for the product.

Please note: If your CaddyTrek needs to come in for warranty or service work, the unit must be shipped in its original shipping box. If the original box is not available, please call our support team at 702-982-6598 x4 for further instructions.

Failure to comply with this policy may result in additional shipping costs.

https://www.caddytrek.com/warranty/

X. RETURN POLICY

Return Policy

If for any reason the customer wishes to return their item, the item must be returned within 30 days after receipt, in its original packaging, for a complete refund. Returns will not be accepted after 30 days. The 30-day return allotment begins on the delivery date of the customer receiving their CaddyTrek. The customer is responsible for return shipping.

All returns to FTR Systems must be authorized prior to shipment. A Return Merchandise Authorization (RMA) number is provided solely by FTR Systems to authorize the return.

Return Guidelines:

- Product must be shipped in its original shipping box.
- Use original packing materials to prevent damage during shipping transit.
- Returns must include any accessories (if applicable) and documentation that came with the original shipment.
- Customer pays for return shipping.

If the customer fails to adhere to FTR Systems Return Policy, the returned shipment will be refused at the time of delivery.

To receive an RMA number, please get in touch with FTR Systems at (702) 982-6598 x2.

All returns are evaluated at the time FTR Systems receives the package and are subject to a 10-15% restocking fee. Damage incurred during shipping transit will be the responsibility of the customer, including any additional fees.

Before a refund can be issued, FTR Systems reserves the right to make a final assessment to determine the condition of the returned item(s) and to refuse the return if the guidelines listed above are not met.

https://www.caddytrek.com/returns/

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