FoKoos FR20

FoKoos Golf Rangefinder FR20 User Manual

Brand: **FoKoos** | Model: **FR20**

INTRODUCTION

The FoKoos Golf Rangefinder FR20 is a high-precision optical instrument designed for accurate distance measurement in golfing, hunting, and other outdoor activities. Featuring 7X magnification, a range of up to 1500 yards, and advanced functions like slope compensation and flag-lock vibration, this device provides reliable data to enhance your performance. Its compact, rechargeable, and waterproof design ensures durability and convenience in various conditions.

Image: The FoKoos Golf Rangefinder FR20, a compact and portable device, shown alongside its protective carrying case.

What's in the Box

- Golf Rangefinder
- Carrying Bag
- USB Type-C Charging Cable
- Cleaning Cloth
- User Manual

Image: The FoKoos Golf Rangefinder FR20, its carrying case, charging cable, and user manual, as typically found in the product packaging.

PRODUCT OVERVIEW

Familiarize yourself with the components of your FoKoos Golf Rangefinder FR20:

Image: A detailed diagram highlighting the key parts of the FoKoos Golf Rangefinder FR20, including the Mode Button, Power/Start Button, Rotary Focusing, Objective Lens, Laser Receiver Lens, Eyepiece, Slope Switch, and Built-in Charging port.

Mode Button: Used to cycle through different measurement modes.

Power/Start Button: Powers on the device and initiates measurement.

Objective Lens: The front lens through which the laser is emitted and received.

Laser Receiver Lens: Receives the reflected laser beam.

Slope Switch: Toggles the slope compensation feature on or off.

Built-in Charging: USB Type-C port for recharging the internal battery.

Rotary Focusing: Adjusts the eyepiece for clear viewing.

Eyepiece: The lens you look through to view the target and display.

SETUP

1. Initial Charging

Before first use, ensure the rangefinder is fully charged. Connect the provided USB Type-C cable to the charging port on the device and to a compatible USB power source. The charging indicator will show the status. A full charge supports approximately 30,000 uses.

Image: The FoKoos Golf Rangefinder FR20 being charged via its USB-C port, demonstrating its rechargeable capability.

2. Adjusting Focus

Rotate the eyepiece (rotary focusing ring) until the display and target appear clear and sharp. This ensures optimal viewing and accurate measurement.

OPERATING INSTRUCTIONS

Power On/Off

Press the **Power/Start Button** once to power on the device. The device will automatically power off after a period of inactivity to conserve battery.

Switching Measurement Units (Yards/Meters)

While the device is powered on, press and hold the**Mode Button** for approximately 3 seconds to switch between Yards (Y) and Meters (M).

Measurement Modes

Press the **Mode Button** repeatedly to cycle through the available measurement modes:

1. **Straight Distance Mode (Mode 1):** Measures the direct line-of-sight distance to the target.
2. **Golf Flag Locking Mode (Mode 2) with Vibration:** Designed for golf, this mode helps lock onto the flagpole. Once locked, the device will vibrate to confirm the measurement. Supports distances up to 150 yards for flagpole locking and 300 yards for general flag distance.
3. **Slope Compensation Mode (Mode 3):** When the slope switch is ON, this mode calculates and displays the adjusted distance, taking into account the incline or decline to the target. This provides a more accurate 'plays like' distance for golf.
4. **Horizontal and Height Ranging Mode (Mode 4):** Measures both the horizontal distance and the vertical height difference to the target.
5. **Speed Measuring Mode (Mode 5):** Measures the speed of a moving object.
6. **Continuous Scan Measurement Mode (Mode 6):** Allows for continuous scanning of multiple targets to get distances quickly.

Using Slope Compensation

The FR20 features a physical slope switch. Slide the switch to the ON position to enable slope compensation. When enabled, the device will provide an adjusted distance that accounts for elevation changes, which is crucial for accurate club selection in golf. For tournament play, ensure the slope switch is in the OFF position to comply with rules.

Slop Compensation

Only when slope swtich is on, the divice
can measure and display adjusted distance

Swing Curve

Measured Distance

Slope Adjusted Distance

Image: A visual representation of how slope compensation adjusts the measured distance based on the terrain's incline or decline, providing a 'plays like' distance.

Flag-Lock with Vibration

In Golf Flag Locking Mode (Mode 2), aim the crosshairs at the flag. The device will intelligently lock onto the flag, ignoring background objects, and provide a short vibration to confirm the measurement. This ensures you get the precise distance to the pin.

USB Rechargeable

30000 times of use after full charging

Image: The display of the FoKoos Golf Rangefinder FR20 indicating the flag-lock feature with vibration confirmation, ensuring accurate targeting of the flagpole.

7X Magnification

The 7X magnification allows for clear and precise targeting of objects at long distances. Use the rotary focusing to ensure the image is sharp.

Image: An exploded view illustrating the optical components that provide the 7X magnification capability of the rangefinder.

Official Product Video: Introduction to FoKoos Golf Rangefinder

Your browser does not support the video tag.

Video: An official introduction to the FoKoos Golf Rangefinder, demonstrating its key features and benefits for users.

MAINTENANCE

- **Cleaning:** Use the provided cleaning cloth to gently wipe the lenses. For stubborn smudges, a small amount of lens cleaning solution can be applied to the cloth, not directly to the lens.

- **Storage:** Store the rangefinder in its carrying case when not in use to protect it from dust, dirt, and physical damage. Keep it in a cool, dry place.

- **Water Resistance:** The device is IP54 waterproof, meaning it is protected from dust and splashing water from any direction. Avoid submerging the device in water.

- **Battery Care:** Recharge the battery regularly, even if not frequently used, to maintain battery health. Avoid completely draining the battery for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery; device malfunction.	Charge the device fully. If problem persists, contact customer support.
Inaccurate measurements.	Unstable aiming; dirty lens; incorrect mode.	Ensure stable aiming. Clean lenses. Verify correct measurement mode is selected.
Display is blurry or foggy.	Eyepiece not focused; condensation; dirty lens.	Adjust the rotary focusing ring. Allow device to acclimate to ambient temperature if moved from cold to warm environment. Clean lenses.
Flag-lock not working.	Not in Flag Locking Mode; flag too far or obscured.	Ensure Mode 2 is selected. Ensure flag is within range (up to 150 yards for lock) and clearly visible.

SPECIFICATIONS

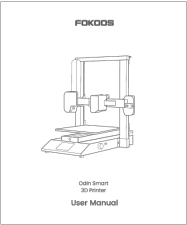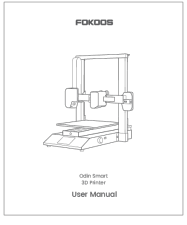| Feature	Detail
Brand	FoKoos
Model Number	FR20
Magnification	7X
Measuring Range	5 to 1200 yards
Accuracy	±0.5 yards
Flagpole Locking Distance	Up to 150 yards (flag-lock), 300 yards (general flag)
Battery Type	Rechargeable Lithium Ion (included)
Charging Port	USB Type-C
Water Resistance Level	IP54 Waterproof
Item Weight	172 Grams (6.1 ounces)

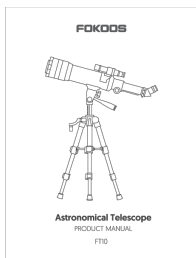| Feature	Detail
Product Dimensions	4.13"L x 2.83"W x 1.57"H
Color	Black
Material	Plastic

WARRANTY AND SUPPORT

FoKoos provides **24 hours full-time service** and a **1-year warranty** for every customer. If you encounter any issues with your rangefinder or require technical support, please do not hesitate to contact the manufacturer directly. Refer to the contact information provided in your product packaging or visit the official FoKoos website for support details.

Related Documents - FR20

	[FOKOOS FE10](#) FOKOOS FE10
	[FOKOOS Odin Smart 3D Printer User Manual](#) User manual for the FOKOOS Odin Smart 3D Printer. Provides detailed instructions on setup, assembly, operation, software installation, and maintenance for optimal 3D printing.
	[FOKOOS Odin Smart 3D Printer User Manual](#) Comprehensive user manual for the FOKOOS Odin Smart 3D Printer, covering setup, operation, troubleshooting, and after-sales service.

[FOKOOS FT10 Astronomical Telescope: Product Manual, Setup Guide, and Specifications](#)
Comprehensive product manual for the FOKOOS FT10 Astronomical Telescope, covering setup instructions, accessories, maintenance, warranty, and basic parameters. Learn how to assemble, use, and care for your telescope.