

Technaxx® * User Manual

Laser Rangefinder TX-152

The manufacturer Technaxx Deutschland GmbH & Co.KG hereby declares that this device, to which this user manual belongs, complies with the essential requirements of the standards referred to the Directive **RED 2014/53/EU**. The Declaration of Conformity you find here: www.technaxx.de/ (in bar at the bottom "Konformitätserklärung"). Read the user manual carefully before using the device the first time.

Service phone No. for technical support: 01805 012643 (14 cent/minute from German fixed-line and 42 cent/minute from mobile networks).
Free Email: support@technaxx.de

Keep this user manual for future reference or product sharing carefully. Do the same with the original accessories for this product. In case of warranty, please contact the dealer or the store where you bought this product.

Warranty 2 years

Enjoy your product. *Share your experience and opinion on one of the well-known internet portals.

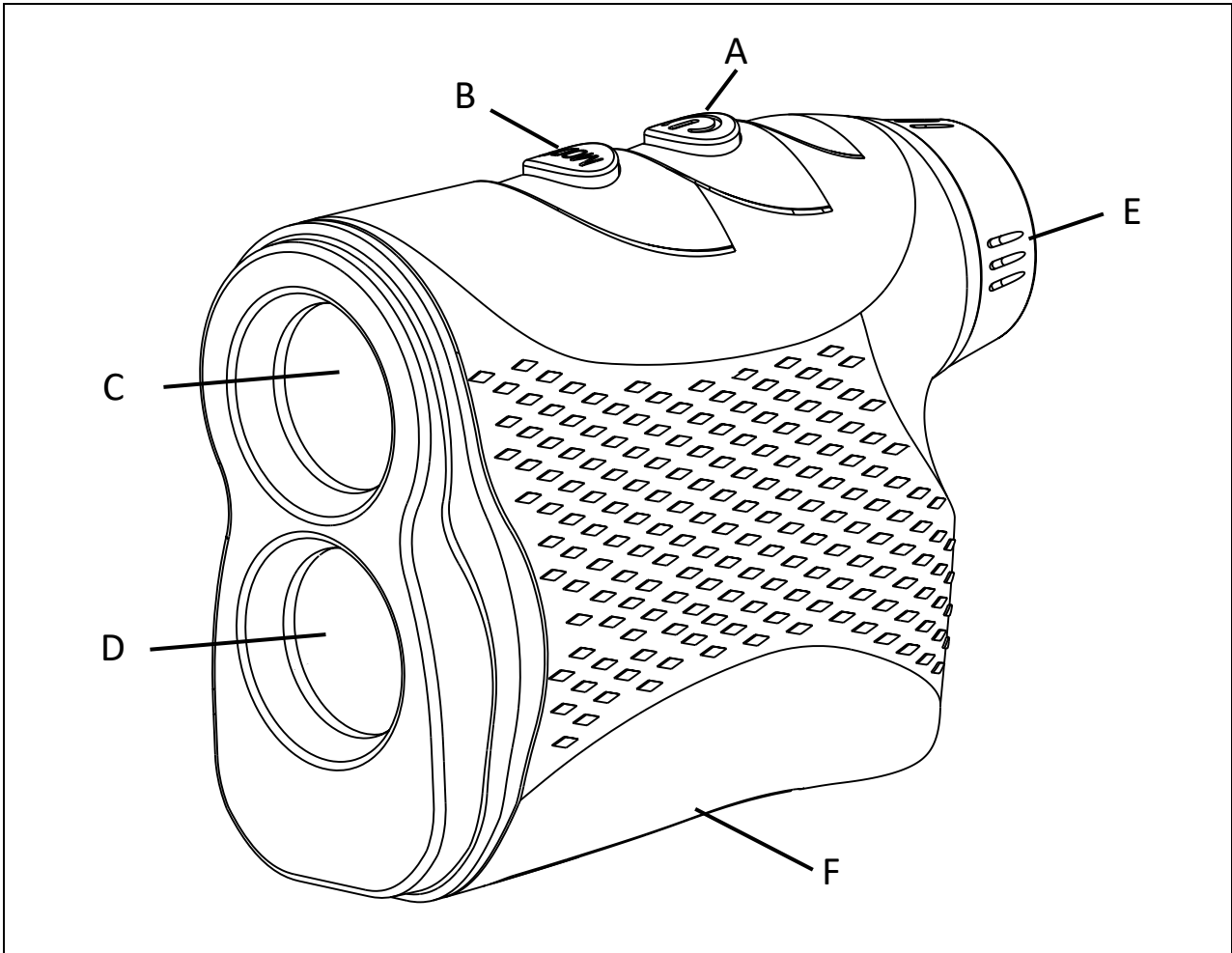
Features

- Measuring range up to 600m
- 6 times magnification
- Focus adjustable
- Golf mode (pin seeker)
- Speed measurement mode
- Accuracy +/- 1m
- With tripod socket

Introduction




The laser rangefinder is a portable optoelectronic device that can be used to measure distance and speed. It is a rangefinder that could measure at high accuracy and fast speed with low power consumption. It is also able to identify small targets (such as flagpoles) and ignore distracting background objects, like trees or bushes.

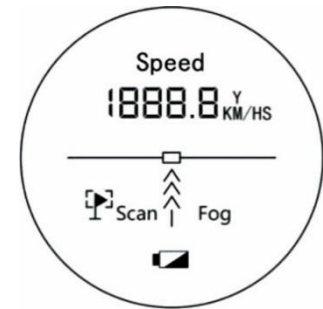
Product overview




A	Power button
B	Mode button
C	Laser emission / objective lens
D	Laser receiving lens
E	Lens focus adjustment
F	Battery compartment

LCD Display

Scan	→ Continuously measuring mode
Fog	→ Fog mode
Speed	→ Speed measurement mode
 + Scan	→ Pin seeker mode
	→ Target centre
8888	→ Display numerical value
----	→ No numerical value
^Y KM/HS	→ Unit indicator
	→ Low battery indicator



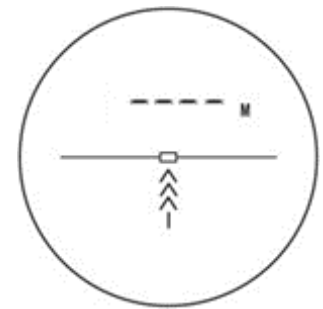
Use of the device

The rangefinder has two buttons: the power button “” (A) and the mode button “MODE” (B).

Power on

Short press power button to turn on the rangefinder. It enters into distance measuring mode. The LCD will display as shown in the picture beside.

Note: The device will turn off automatically after not using it for 1 minute.




Adjust focus

Look through the eyepiece, rotate the eyepiece clockwise or counter-clockwise until the view is clearly in focus. People with farsighted or short-sighted vision can use the rangefinder within a range of -5 to +5 dioptre without wearing glasses.

Change mode and units

Short press the mode button (B) to switch the mode. Long press the mode button (B) to switch units. Modes are “Measure”, “Fog”, “Pin seeker”, “Speed”. Units are “M” for Meter or “Y” for Yards in the distance measuring. “KM/H” for Kilometres per hour or “M/S” Metre per Second in the speed.

Low Battery

When the battery indicator “” is shown in the display, please replace the battery. Open the battery compartment and replace the 2 AAA batteries with new ones.

Note: Please ensure the correct polarity of the battery.

Modes

Pin seeker mode

Especially for golfing, this mode is very useful. To measure the distance to the pin flag, activate this mode. The flag will be tracked and isolated from the background. Move the target centre around the pin flag while scanning. The flag distance will be measured exactly.

Press the power button shortly and the distance value will be displayed. Hold the power button and continuously measuring around flagpole until the value is stable. This value is the distance to the flagpole.

Fog mode

Thru the fog, you will not be able to measure distant targets because the fog will reflect the laser. This mode will filter the reflected laser within the first 30 meters. Now the measure of the distance is not caused by errors by fog reflecting lasers.

Short press the power button to measure in fog mode the distance to an object.

Speed mode

For speed measuring of moving objects, ranging is measured twice. Two distance difference, divided by the time interval of the two ranging measurements, the speed of moving objects can be obtained.

Aim at the object and short press the power button. Keep aiming at the object while it moves towards you or away from you until the speed value displays on the screen.

Troubleshooting

Q: The device cannot be switched on

A: Battery may be empty. Replace the 2 AAA batteries with new ones.

Q: Can I use rechargeable batteries?

A: Yes, rechargeable batteries are useable.

Q: The measured value can't be displayed

A1: Be sure the laser emission and receiving lens is clean.

A2: The measuring range of the rangefinder could be influenced by the angle of the targets. Be sure it can reflect the laser towards the rangefinder.

Q: The speed measuring can't be displayed

A: The to be measured target should be moves towards you or away from you.

Safety instructions

WARNING Class 1 laser product.

WARNING Do not stare into the laser beam or view it directly with optical instruments.

Important Hints

- The measuring range of the rangefinder could be influenced by the angle between the laser and the targets. The measuring range is better when there is a smooth surface, bright colour, big surface of targets, and an orthogonal angle between the laser and the target.
- A low battery can affect accuracy.
- If you do not use the rangefinder for a long time, please take the battery out.
- If the external lens is stained, please clean it gently with the attached lens cloth.
- Collision or high pressure should be avoided when carrying about or operating.
- Keep the device in a dry, cool and airy place and avoid dust, direct sunshine and extreme change of temperature.
- If the device was subjected to extreme temperature fluctuations, wait around 2 hours until the device has reached ambient temperature before use.

DO NOT

- Do not look directly into the Laser emission lens while tracking.
- Do not touch the eyepiece directly in order to avoid damage. This device has been accurately aligned and adjusted with precise equipment. Never disassemble it.
- Do not point the laser towards the sun or strong light, to prevent the photosensitive element from damages.
- Do not use other materials for cleaning as the given to prevent the coating from being damaged.

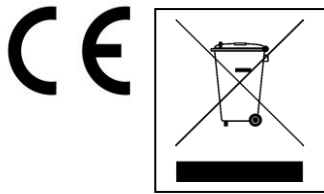
Children and persons with disabilities

Electrical devices shall neither belong in the hands of children or to persons with limited physical/sensory/mental abilities. Children should always be supervised to ensure that they do not play with this device.

Always keep plastic packaging out of reach of small children. It poses a suffocation risk!

Technical specifications

Laser type	Class 1
Wavelength	905nm
Lens diameter	16mm
Exit pupil diameter	3.8mm
Measuring range of distance	5-600m
Measuring range of speed	0-300km/h
Magnification	6 times
IP-Class	IP 54
Precision of distance measure	±1m
Precision of speed measure	±5km/h
Operation temperature	0°C to 40°C
Battery	2x AAA battery, 1.5V
Weight / Dimensions	172g / (L) 105 x (W) 82 x (H) 43mm
Package content	Technaxx TX-152, 2x AAA batteries, belt bag, hand rope, cleaning cloth, user manual



Hints for Environment Protection: Packages materials are raw materials and can be recycled. Do not disposal old devices or batteries into the domestic waste. **Cleaning:** Protect the device from contamination and pollution. Avoid using rough, coarse-grained materials or solvents/aggressive cleaner. Wipe the cleaned device accurately. **Distributor:** Technaxx Deutschland GmbH & Co.KG, Kruppstr. 105, 60388 Frankfurt a.M., Germany