



Testifire 25 Infrared Remote Control User Manual



detectortesters

testing technology from No Climb

User Manual for the Testifire 25 Infrared Remote Control

For use with the Testifire Range of Detector Testers

Important Information

Read this User Manual in full before using your Testifire 25 IR Remote Control

Save this User Manual - Save all safety and operational instructions for future reference.

Take Note of the Warnings - Read carefully and follow all warning labels on the product and those described in this User Manual.

The **Testifire 25 IR Remote Control** requires care to be taken when handling and storing. Dropping on to a hard surface could damage it. Please look after it, treat it with care and it will last for many years.

To protect the electronics contained within the **Testifire 25 IR Remote Control**, never leave the unit in places such as those listed below, whether in use or in storage:

- Places where temperatures and/or humidity are high or go through extreme changes. Direct sunlight, or near other heat sources (stoves, radiators, etc.) Always observe the operating and storage environment restrictions detailed in the Technical Specifications (see Section 5)
- In sandy or dusty environments
- In places prone to strong vibration
- Near to sources of static or radio waves
- Wet or moist environments. **Testifire 25 IR Remote Control** is designed for indoor use only

Testifire 25 IR Remote Control is not designed for use in hazardous areas (those containing explosive vapour or dust).

If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

⚠ Caution:

- Do not disassemble, puncture, modify, drop, throw, or cause other unnecessary shocks to batteries.
- Do not dispose of batteries in a fire or refuse incinerator, or leave batteries in hot places such as a vehicle under direct sunlight.
- Do not store batteries near an oven, stove, or other heat source.
- Dispose of batteries according to the local laws and regulations of your region.
- Some batteries may be recycled, and may be accepted for disposal at your local recycling centre.
- If you are not able to identify the applicable rules in your area, please check the instructions of the battery manufacturer.



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Section I

1.1 Warranty

In addition to any other express warranty given in writing by the Company in relation to the Goods, the Company warrants that the Goods supplied under these terms and conditions will be in accordance with the specification (if any) contained in the Purchase Order, and will be free from defects in workmanship and material for a period of 18 months from the date of delivery to the Buyer or for a period of 12 months after the date of sale by the Buyer to the final customer whichever period is the shorter.

1.2 Acknowledgements

Testifire® is a registered mark of **detectortesters**, No Climb Products Ltd. All other brand names mentioned are trademarks or registered marks of their respective holders, and are hereby acknowledged.

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1.3 Recycling

- The packaging can be easily separated into the following materials:
- Cardboard (outer box)
- Cardboard (inner buffers, boxes)
- Polyethylene (bags)

Please dispose in line with local environmental requirements.

WEEE (Waste Electrical & Electronic Equipment) Regulations 2006

Testifire 25 IR Remote Control is suitably marked to be recycled in accordance with your local environmental requirements. Alternatively these items may be returned to the manufacturer via your reseller for disposal in compliance with WEEE (Waste Electrical & Electronic Equipment) Regulations 2006.

RoHS Declaration

We declare that this product and its associated components are manufactured to be fully compliant with the requirements of the Directive 2002/95/EC Restrictions of use of certain Hazardous Substances in Electrical and Electronic Equipment (The RoHS Directive).

1.4 Health and Safety

Testifire 25 IR Remote Control is a Class I Laser product. Refer to label (Fig 1.)

This product is optically non-hazardous as defined in IEC 60825 and does not under all conditions of operation, maintenance, service and failure, exceed the accessible emission limits (AEL) of a Class I Laser product.



Fig.1

Section 2

2.1 Parts Identification

Testifire 25 Infrared Remote Control



Testifire Range User Interface Infrared Receivers



*Note: User interface style may vary according to the Testifire model

Section 3

3.1 Product Information

Testifire 25 is an **Infrared (IR) Remote Control** designed to remotely activate any Testifire Multi-Stimulus Detector Tester to start or stop a test. It is intended to be used in situations where manual control is required to activate the test sequence. Typically, this would be when testing virtual detectors where the detector to be tested would not penetrate the Testifire cup far enough and thus break the infrared beam to begin the test.

Testifire 25 IR Remote Control is designed to work over a maximum operating distance of 9 metres (Testifire maximum recommended working height).

3.2. Battery Information

The unit operates from 2 x AAA (LR03) dry cell batteries.

To extend battery life and maximise operating distance the use of alkaline batteries is recommended. Please dispose of old, defective batteries in an environmentally friendly manner in accordance with the relevant local legislation.

CAUTION: Replace only with the same or equivalent type of battery that is recommended by the manufacturer.

CAUTION: Make sure batteries are installed correctly as per the internal markings.

Batteries should be removed when the **Testifire 25 IR Remote Control** is not used for extended periods. This will prevent the gradual discharge of the batteries and prevent possible accidental operation of the head unit or damage through battery leakage.

3.3 Inserting the Batteries:

- Remove the battery compartment cover on the back (Fig 2.).

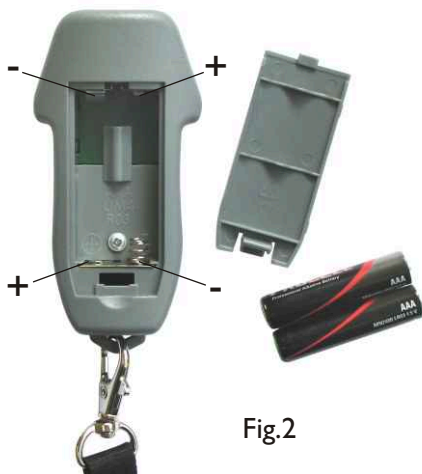


Fig.2

- Insert the supplied 2 no. AAA (LR03) batteries. Please ensure the correct polarity of the batteries (+/-).
- Replace the battery compartment cover.
- Press the **Testifire 25 IR Remote Control** control button to make sure the operation indicator LED illuminates.

Section 3

3.4 Preparation for use

The **Testifire 25 IR Remote Control** is only compatible with Testifire models running firmware version 5.4 and later. Firmware versions earlier than 5.4 do not support the use of the **Testifire 25 IR Remote Control** and will not operate Testifire. For details on how to check your firmware version see Section 7.3 (System Information) of the Testifire User Manual.

It is recommended that you update your Testifire to the latest firmware version before use. Refer to: <http://www.testifire.com/site/firmware/> for details.

3.5 Operation

Use the lanyard to place the **Testifire 25 IR Remote Control** around your neck. This will ensure it is readily accessible during use (fig. 3).

With your Testifire Detector Tester turned on and ready to test, offer Testifire up into a suitable position to begin the test (fig. 4) (See Testifire User Manual for further information). Point the **Testifire 25 IR Remote Control** at Testifire and press the remote control button to start the test (fig. 5).

The remote control button must be pressed again to stop the current test.

Note: If you do not stop the test via the remote control button, you will not be able to operate the Testifire via the Testifire User Interface.

3.6 Single Stimulus or Combination Testing

Either Single Stimulus or Combination Tests (i.e. tests with more than one stimulus at a time) can be carried out with just two presses of the remote control button: one press to start and the second to stop the test.

3.8 Sequential or Sequential/Combination Tests

During a Sequential Test, press the remote control button to end one part of the test and then press it again to start the next part of the test.

For example, for a “**Smoke 1; Clear 2**” test: Position Testifire over the detector and press the remote control button to start the Smoke Test. Once the detector has activated; press the remote control button again to stop the Smoke Test. Press the remote control button once to start the Clearing part of the test programme. Finally, press the remote control button when the detector has cleared to stop the programmed test.

Note: There is a maximum allowable delay of 10 seconds between the steps in a sequential test. A delay in pressing the remote control button of greater than 10 seconds will reset the test sequence.



Fig. 3



Fig. 4



Fig. 5

Section 4

4.1 Technical Support

In the unlikely event that the **Testifire 25 IR Remote Control** fails to activate your Testifire, please carry out the following checks:

| Error/Problem | Solution/Action |
|---|---|
| Operating indicator LED does not illuminate when the remote control button is pressed. | Check that the batteries have been inserted correctly or replace them (2 x AAA). |
| Operating indicator LED illuminates when the remote control button is pressed but Testifire does not start the test. | <p>Make sure Testifire is turned on and you are pointing the remote control at the elevated Testifire.</p> <p>Check operating distance. Must not be greater than 9 metres. Operating distance is reduced if the batteries are depleted.</p> <p>Check Testifire firmware version. Make sure your Testifire is running the latest version. See http://www.testifire.com/site/firmware/ or contact your authorised reseller.</p> |
| My Testifire firmware has been updated to the latest version and I still can't activate a test using the Testifire 25 IR Remote Control . | <p>Make sure that Testifire works without the Testifire 25 IR Remote Control. by placing your hand inside the Testifire cup with a smoke test selected. Testifire should activate and begin the test. If Testifire operates as normal, this could indicate a fault with the Testifire 25 IR Remote Control.</p> <p>To check, if you have access to another Testifire, try the Testifire 25 IR Remote Control with that unit.</p> |
| After completing a test using the Testifire 25 IR Remote Control , the test period timed out (2 mins) and the red/green LED is flashing. I am unable to operate Testifire via the User Interface. (On firmware versions 5.4 or earlier). | If after starting a test, using the Testifire 25 IR Remote Control , the test times out after the standard 2 mins, you will not be able to operate the Testifire via the User Interface. Please press the button on the Testifire 25 IR Remote Control to end the test. You will now be able to operate the Testifire via the User Interface. |

Section 4

4.2 Service and Repair

IMPORTANT: There are no serviceable parts in the **Testifire 25 IR Remote Control**.

Do not attempt to open or repair it.

For support, service and further information, please contact:

detector testers

No Climb Products Ltd.

Edison House,

163 Dixons Hill Road,

Welham Green,

Herts,

AL9 7JE

United Kingdom

Tel: +44 (0) 1707 259446

Fax: +44 (0) 1707 282777

Email: support@testifire.com

Online help available at: www.testifire.com

Section 5

5.1 Technical Specifications

Operating Features

- Control activation button
- Operation-indicating LED
- 10-second time-out
- Lanyard

Power source

- Batteries 2 x AAA (LR03) - Alkaline 1.5V (not included)

Environmental

- Operating temperature range: +5°C to +45°C (41°F to 113°F).
- Operating humidity range: 0 to 85% RH non-condensing.
- Storage temperature range: -10°C to +50°C (14°F to 122°F).
- Storage humidity range: 0 to 90% RH non-condensing (up to +35°C / 95°F)
- Operating distance: - up to 9 metres

IP rating

- Rated according to IEC60529 to IP20.

Weight

- 26g without batteries (50g with batteries)

Dimensions

- 47.3mm wide x 97mm long x 21mm deep (excluding lanyard)

Note: Product specifications may be subject to change without prior notice or obligation on the part of the manufacturer.

International Patents:

Testifire is protected by the following patents and has patents applied for:

Patents: EP(FR,GB)091055B, DE69820382.8, ZL98120414.7, US6423962, EP(FR,GB)1290661B, DE60112442.1, ZL01801074.1, US6640608, HK1065150, EP(FR,GB)1390927B,

DE50205116.7, DE60314594.9, GB2385179B, GB2409319B.

Patents Applied for: US10/503745, EP1794728A, WO 2007/015045, WO 2007/060447, GB2432703A

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