

ERMENRICH NU10 NetGeeks Optical Multimeter



ERMENRICH NU10 NetGeeks Optical Multimeter User Manual

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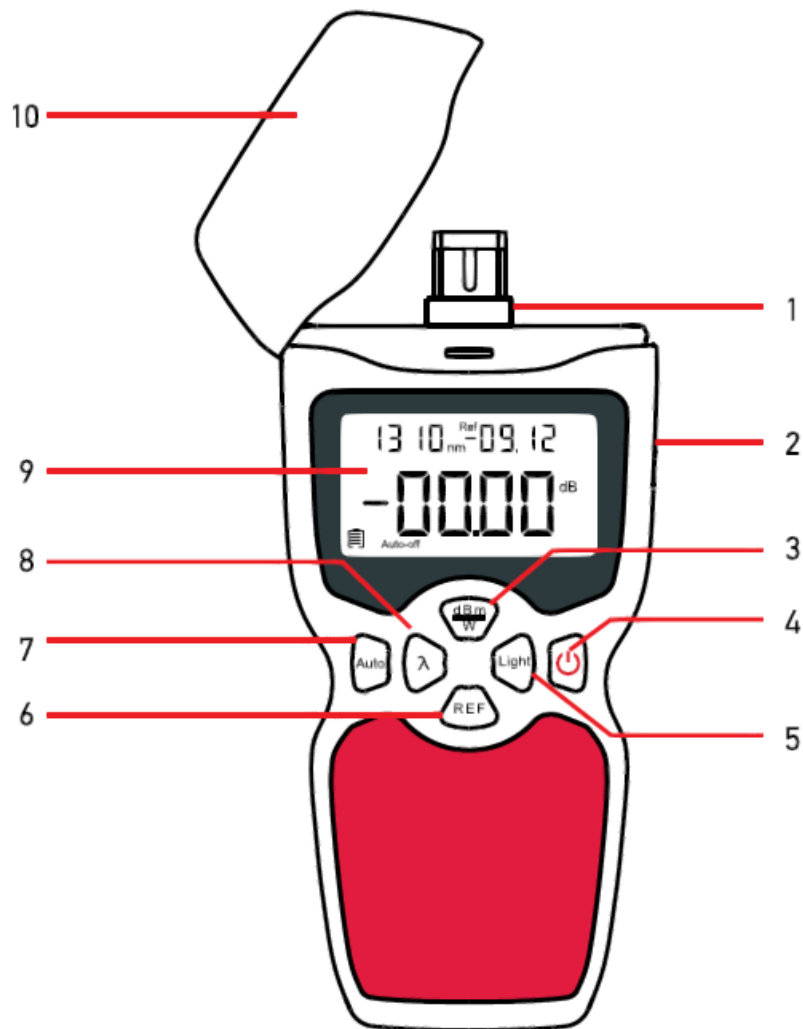
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ERMENRICH NU10 NetGeeks Optical Multimeter



User Manual

1. Fiber optic connector
2. Power input
3. Ta dBm/W button
4. Power button
5. Light button
6. REF button
7. Auto button
8. A button
9. 1 LCD screen
10. Dust cap



Ermenrich NetGeeks NU 10 Optical Multimeter

Please carefully read the safety instructions and the user manual before using this product. Keep away from children. Use the device only as specified in the user manual.

The kit includes: optical multimeter, carry bag, user manual, and warranty.

Install batteries

Open the battery compartment cover and insert 3 batteries according to the correct polarity. Close the cover.

Getting started

Press the power button (4) and hold it for 3 seconds to turn the device on/off.

Press the Auto button (7) to enable/disable the auto-off option (observe the corresponding icon on the screen).

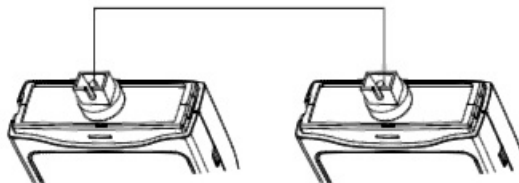
When the auto-off option is enabled, the device will automatically turn off in 60 minutes.



Optical power meter function

This function is intended to test optical power.

1. Connect one end of the fiber cable end to the fiber optic connector (1) of the optical multimeter; connect the other fiber cable end to the corresponding connector of the external optical light source (external device).



2. Turn on the external optical light source (external device).
3. Press the J.. button (8) to select a wavelength value (850nm, 1300nm, 1310nm, 1490nm, 1550nm, or 1625nm). The wavelength value of the optical multimeter and the wavelength value of the light source must be the same.
4. Press the dBm/W button (3) to select the units of measurement.
5. Press the REF button (6) to display the last saved reference value (the default value is 0dB).
6. Press the REF button (6) to measure the optical power. The result will be displayed on the screen.
7. Press and hold the REF button (6) to save the value as a reference value.

Optical light source function

You can use this optical multimeter as an optical light source to test fiber optic cables with the use of another optical power meter (external device).

1. Insert one end of the fiber cable to the fiber optic connector (1) of this optical multimeter.
2. Connect the other cable into a corresponding connector of another optical power meter (external device).
3. Press the button (8) to select a wavelength value (850nm, 1300nm, 1310nm, 1490nm, 1550nm, or 1625nm).
4. Press the Light button (5) to turn the light source on or off, or it will automatically turn off in 60 minutes. The default wavelength value for the light source function is 1310nm.
5. Proceed as described in the instructions of the optical power meter (external device).

Specifications

Optical power meter wavelength	850/1300/1310/1490/1550/1625nm
Power detection range	-50... +26dBm
Fiber connector type	FC/ST/SC
Maintained cable type	single-mode (SM), multimode (MM)
Units of measurement	dB/dBm/W
Optical power meter function	+
Optical light source function	+
Auto-off	60min
Operating temperature range	-10... +60°C / +14... +140°F
Power supply	3pcs alkaline AAA batteries

The manufacturer reserves the right to make changes to the product range and specifications without prior notice.

Care and maintenance

This is a class II laser product. Please DO NOT look directly into the beam with unprotected eyes or through an optical device at any time and never direct it toward other people. Do not use the device if it is not working properly. Protect the device from sudden impact and excessive mechanical force. Store the device in a dry cool place. Please note that the parameters of the power supply must comply with the technical characteristics of the device. Do not try to disassemble the device on your own for any reason. For repairs and cleaning of any kind, please contact your local specialized service center. Only use accessories and spare parts for this device that comply with the technical specifications. Never attempt to operate a damaged device or a device with damaged electrical parts! If a part of the device or battery is swallowed, seek medical attention immediately.

Battery safety instructions

Always purchase the correct size and grade of battery most suitable for the intended use. Always replace the whole set of batteries at one time; taking care not to mix old and new ones, or batteries of different types. Clean the battery contacts and also those of the device prior to battery installation. Make sure the batteries are installed correctly with regard to polarity(+ and-). Remove batteries from equipment that is not to be used for an extended period of time. Remove used batteries promptly. Never short-circuit batteries as this may lead to high temperatures, leakage, or explosion. Never heat batteries in order to revive them. Do not disassemble batteries. Remember to switch off devices after use. Keep batteries out of the reach of children, to avoid risk of ingestion, suffocation, or poisoning. Utilize used batteries as prescribed by your country's laws.


Levenhuk International Warranty

Levenhuk products, except for their accessories, carry a 5-year warranty against defects in materials and workmanship. All Levenhuk accessories are warranted to be free of defects in materials and workmanship for six months from the purchase date. The warranty entitles you to the free repair or replacement of the Levenhuk product in any country where a Levenhuk office is located if all the warranty conditions are met.

For further details, please visit: [levenhuk.com](https://www.levenhuk.com) warranty

If warranty problems arise, or if you need assistance in using your product, contact the local Levenhuk branch.

Documents / Resources

	<p>ERMENRICH NU10 NetGeeks Optical Multimeter [pdf] User Manual</p> <p>NU10 NetGeeks Optical Multimeter, NU10, NetGeeks Optical Multimeter, Optical Multimeter, Mu ltimeter</p>
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References

- [User Manual](#)

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