



levenhuk 81703 Atom Digital DB10-DB20 LCD Binoculars User Manual

[Home](#) » [levenhuk](#) » [levenhuk 81703 Atom Digital DB10-DB20 LCD Binoculars User Manual](#) 

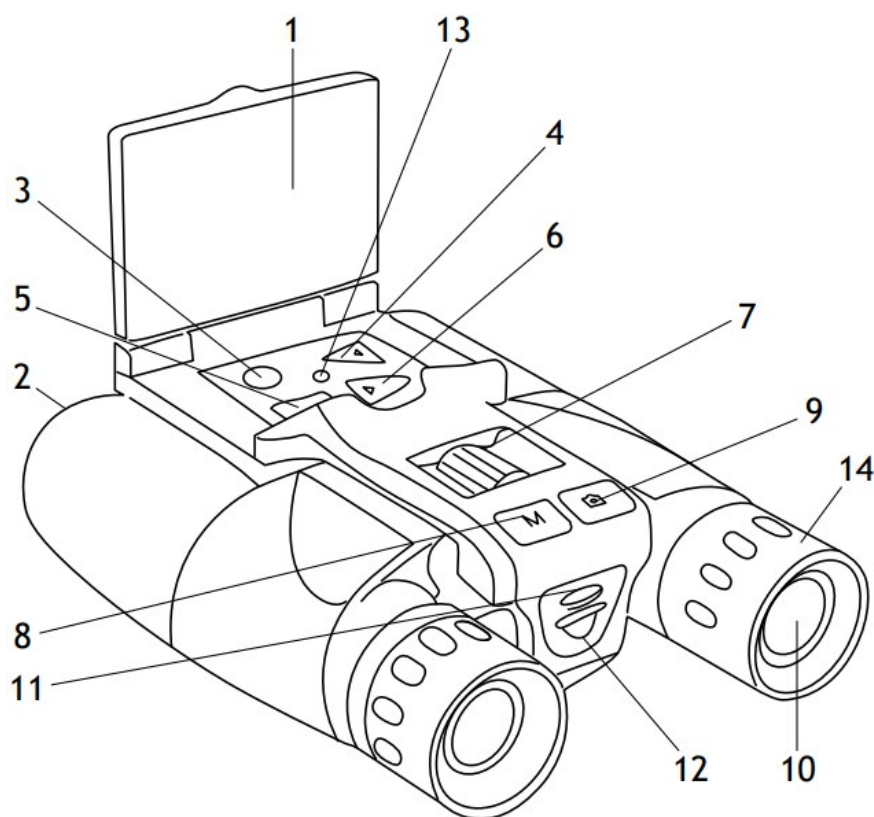
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Contents

- 1 Parts Descriptions
- 2 Getting started
 - 2.1 Charging the device
 - 2.2 Installing/removing the memory card
 - 2.3 Power on/off
 - 2.4 MENU button
 - 2.5 MODE button
 - 2.6 Camera/OK button
 - 2.7 RESET button
- 3 Copying files
- 4 Cleaning and precautions
- 5 Battery safety instructions
- 6 Levenhuk International Lifetime Warranty
- 7 Specifications
- 8 Documents / Resources
 - 8.1 References
- 9 Related Posts

Parts Descriptions



- 1. LCD screen
- 2. Objective lenses
- 3. Power on/off
- 4. Left button
- 5. MENU button
- 6. Right button
- 7. Focusing wheel

8. MODE button
9. Camera/OK button
10. Eyepieces
11. USB and microSD slots
12. LED indicator
13. Reset
14. Diopter adjustment ring



Never, under any circumstances, look directly at the Sun, another bright source of light, or at a laser through this device, as it may cause PERMANENT RETINAL DAMAGE and may lead to BLINDNESS.

Getting started

Charging the device

- This device uses a rechargeable lithium polymer battery. Connect the power cable to the device and the DC adapter (not included) via a USB plug and connect it to the AC power supply to charge the device. When using the device for the first time, charge it for at least 1 hour

Installing/removing the memory card

- The device supports memory cards class 10 up to 32GB.
- -Insert the microSD card into the slot. Make sure the direction is right. Do not force the card in.
- Format the microSD card before starting, as it will improve its compatibility with the device.
- To remove the card from the slot, press the edge of the memory card in gently, and the card will pop out. Then, remove the card.

Power on/off

Press and hold the POWER button until the LCD screen is on in order to turn the device on. Turn the focusing wheel to adjust the focus.

MENU button

To change the settings, press the MENU button and highlight the desired menu item by scrolling up or down using the Right and Left buttons.

Select the highlighted item by pressing the Camera/OK button.

In the menu, you can select photo or video resolution, change the language, set the date, set auto power off, format the memory card, view and delete the current file or all files from the memory card, etc.



Note! To get to the submenu of the playback mode, you need to select the playback mode first (MODE button).

MODE button

This button switches between 3 in-built modes: 1) photo mode; 2) video mode; and 3) playback mode.

Camera/OK button

Button functions:

1. takes a picture in Photo mode;
2. starts and stops video recording in Video mode;
3. enters the sub-menu.

RESET button

Press this button to reset the device if it has stopped functioning.

Copying files

You can transfer files from the device to your smartphone, tablet, or PC directly, without installing an app.

- Insert the memory card into a card reader; or
- Connect the device to your computer with a USB cable

Cleaning and precautions

Do not expose the device to direct sunlight — that could cause a fire!

Do not scratch or touch the optical surfaces with your fingers.

Remove the batteries before cleaning the device! Use only dry, lint-free cloths to wipe the outer parts of the device. Do not use cleaning fluid to avoid the electronics damage. To avoid scratching the lenses, only use a soft cloth and do not press too hard. Keep the device away from dust and water. Keep the device in a bag or a box.

Remove the batteries from the device if it has not been used for a long time

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 Lifetime Warranty

All Levenhuk telescopes, microscopes, binoculars, and other optical products, except for their accessories, carry a lifetime warranty against defects in materials and workmanship. A lifetime warranty is a guarantee on the lifetime of the product on the market. 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: www.levenhuk.com/warranty

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

Specifications

Product ID	81703	81704
Model	Levenhuk Atom Digital DB10 LCD	Levenhuk Atom Digital DB20 LCD
Magnification, x	digital: 1-8 optical: 10	digital: 1-8 optical: 12
Objective lens diameter, mm	25	32
Field of view, °	8	
Close focus, m / ft	10 / 32.8	
Observation distance, m / ft	10-1000 / 32.8-3280	
Operating temperature range, °C / °F	-20...+60 (operating), -30...+70 (storage) / -4...+140 (operating), -22...+158 (storage)	
Power supply	rechargeable lithium polymer battery, 3.7V 1000mA·h	
Storage	class 10, microSD up to 32GB	
Screen	2", 320x240px	2.4", 320x240px
Image format and resolution	JPG; 40M/30M/25M/20M/10M/8M/5M/3M	
Video format and resolution	AVI; 2.5K/1080p FHD/1080P/720P	
Language settings	Chinese, English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish	
Tripod adapter thread	1/4"	
Dimensions, mm / in	160x125x60 / 6.2×4.9×2.3	144x97x63 / 5.6×3.8×2.4
Weight, g / lb	287 / 0.6	460 / 1.0

www.levenhuk.com

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Documents / Resources

 <p>LEVENHUK ATOM DIGITAL DB10/DB20 LCD BINOCULARS</p> <p>81703, 81704, 81703 Atom Digital DB10-DB20 LCD Binoculars, 81703, Atom Digital DB10-DB20 LCD Binoculars, LCD Binoculars, Binoculars</p>	<p>levenhuk 81703 Atom Digital DB10-DB20 LCD Binoculars [pdf] User Manual</p>
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- [Levenhuk's official website in USA](#)
- [Levenhuk Limited Warranty – Levenhuk's official website in USA](#)
- [Doživotní záruka společnosti Levenhuk – Oficiální webové stránky Levenhuk pro Českou republiku](#)
- [Levenhuk Lebenslange Garantie – Die offizielle Website von Levenhuk in Deutschland](#)
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- [A Levenhuk élettartamra szóló szavatossága – A Levenhuk hivatalos magyarországi weboldala](#)
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- [Поддержка - Гарантийное обслуживание Левенгук - Levenhuk Russia](#)