

Digital endoscope

Art. No. 9680860



About this instruction manual



Read the safety instructions and the instruction manual carefully before using this device.

Keep this instruction manual in a safe place for future reference. When the device is sold or given to someone else, the instruction manual must be provided to the new owner/user of the product.

General warnings



DANGER!

- Keep the tool dry, clean, free of oil, water, gas or other materials that may cause corrosion.
- Keep the work area clean and well lit.
- This device is not intended for use by persons with reduced physical, sensory or mental capabilities.
- This device is not intended for medical use or personal examination.
- Keep bystanders and children away while operating the device.
- Do not overreach, always ensure safe footing and balance.
- Do not expose the device to high temperatures. Use only the recommended batteries. Do not short-circuit the device or batteries or dispose of in fire! Excessive heat and improper handling can cause short circuits, fires and even explosions!

BATTERIES

- Use only alkaline or Ni-MH AA batteries.
- Replace the batteries when the LED indicator turns red.
- Remove the batteries when the product is not in use.



DANGER OF AN ELECTRIC SHOCK!

This device contains electronic parts that are powered by a power source (batteries). Never leave children unattended when handling the device! Only use the device as described in the manual. Otherwise, you run the DANGER of an ELECTRIC SHOCK.



DANGER OF BURNS!

Leaking battery acid can lead to chemical burns. Avoid contact of battery acid with skin, eyes and mucous membranes. In the event of contact with acid, rinse the affected region immediately with a plenty of water and seek for medical attention.



NOTE!

Do not disassemble the device! In the event of a defect, please contact your dealer. They will contact the Service Centre and can arrange the return of this device for repair if necessary.

Use only the recommended batteries. Always replace weak or empty batteries with a new, complete set of batteries at full capacity. Do not use batteries from different brands or types or with different capacities. Remove batteries from the device if it is not to be used for a longer period of time!



Protect privacy!

The Endoscope is intended only for private use. Respect the privacy of your fellow human beings - do not look into private flats with this device, for example!

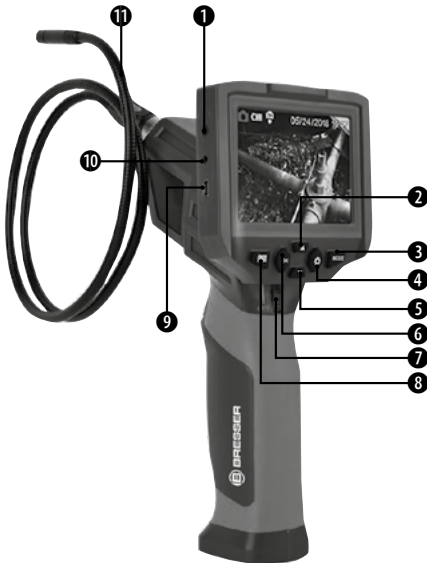
MAINTENANCE

- Always keep the camera lens clean.
- If other components not mentioned need to be replaced, please contact our service department.

Scope of delivery

- › Endoscope camera
- › Detachable 8.89 cm (3.5") LCD screen
- › 1 meter gooseneck/probe with 8.5 mm diameter
- › USB cable
- › A/V cable
- › 4x AA batteries (alkaline or Ni-MH)
- › Instruction manual

Device overview



- ① Disconnection control port
- ② UP/Magnification button
- ③ MODE button
- ④ Menu button
- ⑤ DOWN/Turn button
- ⑥ OK/Confirm button
- ⑦ On/Off switch
- ⑧ Shutter button photo/video
- ⑨ USB connection interface
- ⑩ AV output
- ⑪ Gooseneck/Probe



On/Off switch



SD/TF Card Slot



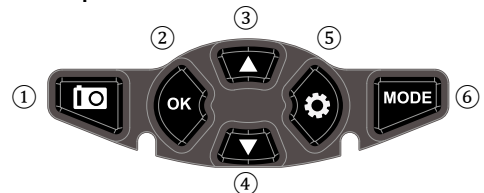
Screen separation lock

CONNECTIONS



- ① **Separate control connection:**
Used to connect an external control device.
- ② **AC OUTPUT:**
Connection for an external display device.
- ③ **USB port:** For connection to a computer.

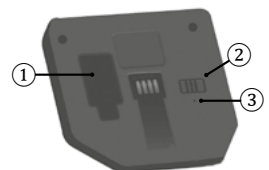
Control panel



- ① **Photography/Video button:**
Press **SNAP** button to take a photograph or start a video recording.
- ② **OK button:** Press the **OK** button to confirm after you have made changes in the menu.
- ③ **UP/Zoom buttons:** Up function in the menu.
Increase the zoom level of the lens.
- ④ **DOWN/Zoom buttons:** Down function in the menu.
Reduction of the zoom level of the lens.
- ⑤ **menu button:** Setting the menu functions.
- ⑥ **MODE button:** Selection between the three modes photo, video as well as playback.

Back of the screen

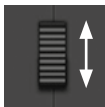
- ① **Memory card slot:**
Slot for the micro SD memory card.
- ② **Screen separation lock:**
Slide the button to the left and the screen will be released from the handle.
- ③ **RESET button:** By pressing the **reset button**, you reset the device to factory settings.



Start-up

Switch on device / camera light

The device is turned on when you slide the switch ⑦ up a little, turned off when you slide the switch ⑦ down a little. As you slide further up, the light on the front of the camera opens and gradually brightens.



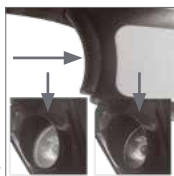
Mount gooseneck/probe

First connect the gooseneck/probe to the connector and screw it tightly upwards to arrange it.



Front light

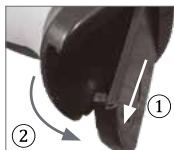
Press the front button to switch the front light on or off.



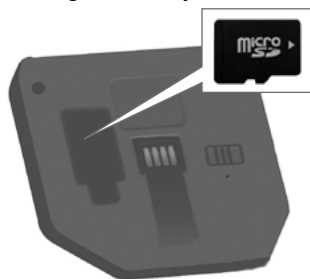
Insert batteries

- ① Slide the battery cover outward.
- ② Gently pull the battery cover towards you to open it

Now insert the supplied 4 × AA batteries into the battery compartment with the correct polarity.



Inserting the memory card



Turn off the power, open the cover on the back of the monitor and insert the memory card as shown in the picture.

- ⚠ Please make sure that the device is switched off
- ⚠ Carefully insert the memory card into the Memory card slot.

Device screen overview



- ① **Mode Display:**
Image Capture / Video Recording / Playback
- ② **Battery power status:** Full / Medium / Low / Empty
- ③ **Memory card status:**
Card inserted / No card inserted.
- ④ **Time and date display**
- ⑤ **Notes on button operation**



Create recordings

In photo/video mode, press the **📷** button to take photos or save movie clips.



Change mode

Press the **MODE** button to switch the Photo/Video/Playback mode.



Photo/Video Settings

Press the **⚙** button to enter the photo settings in photo mode or the video settings in video mode.



General settings

Press the **MODE** button to enter the general settings.

Press the **▲** and **▼** buttons to select/change, and then press the **OK** button to save the changed settings.

Screen menu

Press the  button to enter the menu to change the settings.
The values shown here are the default values.

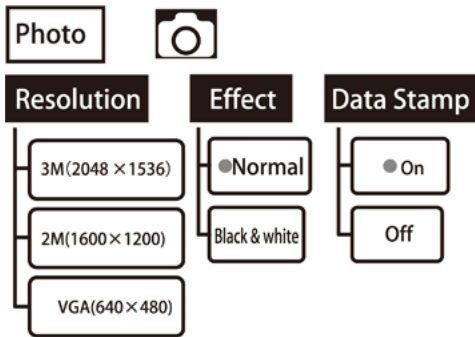
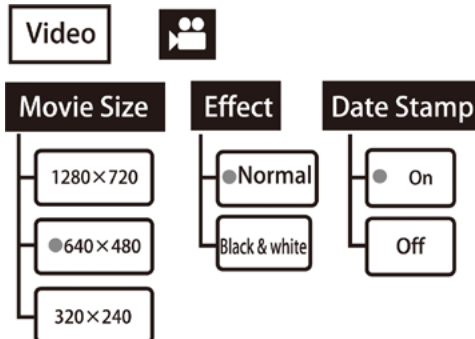


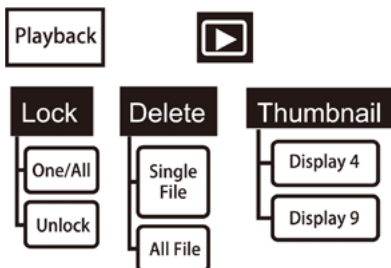
Photo settings

- Resolution** Set image resolution
 - 3 megapixel (2048×1536 pixels)
 - 2 megapixel (1600×1200 pixels)
 - VGA (640×480 pixels)
- Effect** Colour images or black and white
- Data Stamp** Date stamp in image ON/OFF



Video settings

- Movie Size** Set video resolution
 - 1280×720 pixel
 - 640×480 pixel
 - 320×240 pixel
- Effect** Video in colour (normal) or black and white
- Data Stamp** Date stamp in video ON/OFF



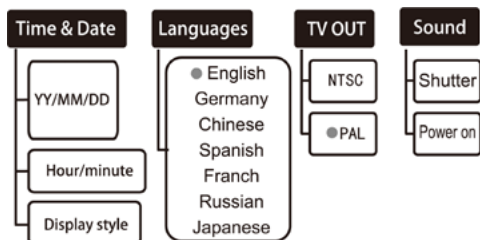
Playback settings

- Lock** Lock videos
 - Single Video / All
 - Unlock
- Delete** Deleting video files
 - Delete single file
 - Delete all files
- Thumbnail** Number of thumbnails on the screen
 - 4 thumbnails
 - 9 thumbnails

General settings



Press the  button and the **MODE** button to enter the General settings.



Time & Date Setting the date and time format

- Year/Month/Day
- Hour/Minute
- Display Style

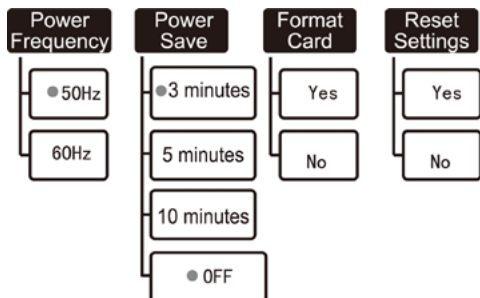
Languages Screen language selection

TV OUT Selecting the video output mode of the AV output jack (see Connections)

- NTSC (America)
- PAL (Europe)

Sound - When pressing the  button

- When the device is switched on **7**, a sound is heard



Power Frequency Anti-flicker settings

- 50 Hz
- 60 Hz

Power Save Power saving mode - automatic shutdown of the device after set duration.

- 3 minutes
- 5 minutes
- 10 minutes
- Automatic

Format Card Format the memory card

- Yes (Attention, all data on the memory card will be irrevocably deleted.)
- No

Reset Settings Resetting the device settings to factory defaults

- Yes (Attention, the device settings will be irrevocably reset.)
- No

Transferring saved videos and photos to a computer

You can connect the endoscope to a computer with a USB cable.

You can find the saved photo/video files on the computer by searching in "My Computer \ Removable Disk".

Once the removable disk is selected, you can view, delete, move or copy any video or photo.

Troubleshooting

Switch off the unit:

- If the endoscope does not switch on, check whether the batteries are defective, missing or not inserted correctly. Replace the batteries or insert them correctly. Be sure to use only alkaline batteries.

Notes on Cleaning

Disconnect the device from the power source (remove batteries) before cleaning! Only use a dry cloth to clean the exterior of the device. To avoid damaging the electronics, do not use any cleaning fluid. Clean the eyepieces and lenses only with a soft, lint-free cloth like a microfibre cloth. To avoid scratching the lenses, apply only gentle pressure with the cleaning cloth. Protect the device from dust and moisture. Keep it in the supplied bag or transport packaging. The batteries should be removed from the unit if it has not been used for a long time.

Specifications

Monitor

Screen Type:	3.5 inch. (88,9 mm)
Colour LCD resolution:	320×240 pixels (QVGA)
Rotation:	360°
Resolution video recording:	320×240, 640×480, 1280×720 pixels
Resolution image capture:	640x480, 1600×1200, 2048×1536 pixels
Menu languages:	English, German, Chinese, Spanish, French, Russian, Japanese
Connections	Remote control port, AV output, USB and SD card slot

Camera

Probe diameter:	7.0 mm
Probe length:	100 cm (optional)
Resolution:	2 Megapixels
VGA viewing angle:	60°
Depth of field:	80mm-infinity
Light source:	6 adjustable high intensity LEDs

Other information

LED Flash:	1W CREE LED
Operating Temperature:	32 °to 113°F (0° to 45°C)
Power Source:	4 × AA batteries
Battery life:	4 to 5 hours
Certifications:	CE FCC RoHS
Weight:	435g
Dimensions (height×width×depth)	360mm × 400mm × 130mm

Notes | Notes

DE

EN

FR

NL

ES

Expand your horizon

EC DECLARATION OF CONFORMITY

CE A "Declaration of conformity" in accordance with the applicable directives and corresponding standards has been prepared by Bresser GmbH. This can be viewed at www.bresser.de/download/9680860/CE/9680860.pdf

DISPOSAL



Dispose of the packaging materials properly, according to their type, such as paper or cardboard. Contact your local waste-disposal service or environmental authority for information about the proper disposal.



Do not dispose of electronic devices in the household garbage!

According to the European Directive 2002/96/EU on Waste Electrical and Electronic Equipment and its transposition into national law, used electrical equipment must be collected separately and recycled in an environmentally sound manner.

Batteries and rechargeable batteries must not be disposed of with household waste. You are legally obliged to return used batteries and accumulators and can return the batteries after use either at our sales outlet or in the immediate vicinity (e.g. in the trade or in municipal collection points) free of charge. Batteries and accumulators are marked with a crossed-out dustbin and the chemical symbol of the pollutant, "Cd" stands for cadmium, "Hg" stands for mercury and "Pb" stands for lead.

WARRANTY & SERVICE

The regular guarantee period is 5 years and begins on the day of purchase.

You can consult the full guarantee terms as well as information on extending the guarantee period and details of our services at www.bresser.de/warranty_terms.

Would you like detailed instructions for this product in a particular language? Then visit our website via the link below (QR code) for available versions.

Alternatively you can also send an email to manuals@bresser.de or leave a message on +49 (0) 28 72 – 80 74-220*. Please always state your name, precise address, a valid phone number and email address, as well as the article number and product name.

*Number charged at local rates in Germany (the amount you will

be charged per phone call will depend on the tariff of your phone provider); calls from abroad will involve higher costs.

Errors and technical changes excepted.

MANUAL DOWNLOAD:



<http://www.bresser.de/P9680860>

SERVICE AND WARRANTY



www.bresser.de/warranty_terms

Please be prepared for service requests:

Art. No.: 9680860

Product name:
BRESSER Digital Endoscope

Instruction manual:

Manual_9680860_Digitales-Endoskop_en_BRESSER_v022022a.pdf

SERVICE

EN AT CH BE

For questions about the product and any complaints, please contact the Service Centre first, preferably by e-mail.

E-Mail: service@bresser.de
Phone*: +49 28 72 80 74 210

BRESSER GmbH
Kundenservice
Gutenbergstr. 2
46414 Rhede
Germany

*Lokale Rufnummer in Deutschland (Die Höhe der Gebühren je Telefonat ist abhängig vom Tarif Ihres Telefonanbieters); Anrufe aus dem Ausland sind mit höheren Kosten verbunden.

GB IE

Please contact the service centre first for any questions regarding the product or claims, preferably by e-mail.

E-Mail: service@bresseruk.com Telephone*: +44 1342 837 098

Bresser UK Ltd.
Suite 3G, Eden House
Enterprise Way
Edenbridge, Kent TN8 6HF
United Kingdom

*Number charged at local rates in the UK (the amount you will be charged per phone call will depend on the tariff of your phone provider); calls from abroad will involve higher costs.

FR BE

Si vous avez des questions concernant ce produit ou en cas de réclamations, veuillez prendre contact avec notre centre de services (de préférence via e-mail).

E-Mail: sav@bresser.fr
Téléphone*: 00 800 6343 7000

BRESSER France SARL
Pôle d'Activités de Nicopolis
314 Avenue des Chênes Verts
83170 Brignoles
France

*Prix d'un appel local depuis la France ou Belgique

NL BE

Als u met betrekking tot het product vragen of eventuele klachten heeft kunt u contact opnemen met het service centrum (bij voorkeur per e-mail).

E-Mail: info@bresserbenelux.nl
Telefoon*: +31 528 23 24 76

BRESSER Benelux
Smirnoffstraat 8
7903 AX Hoogeveen
The Netherlands

*Het telefoonnummer wordt in het Nederland tegen lokaal tarief in rekening gebracht. Het bedrag dat u per gesprek in rekening gebracht zal worden, is afhankelijk van het tarief van uw telefoon provider; gesprekken vanuit het buitenland zullen hogere kosten met zich meebrengen.

ES IT PT

Si desea formular alguna pregunta sobre el producto o alguna eventual reclamación, le rogamos que se ponga en contacto con el centro de servicio técnico (de preferencia por e-mail).

E-Mail: servicio.iberia@bresser-iberia.es
Teléfono*: +34 91 67972 69

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