

**DIGIPHOT**®

**optic**



Portable video magnifier

DM - 50



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# Welcome!

Thank you for buying this ultra compact mobile Digital - Magnifier. Use the DM - 50 for reading, writing, reading maps, menus etc. We hope you will enjoy your Digital - Magnifier.

This manual gives you detailed descriptions of all functions the DM - 50 has to offer. Pictures in the manual can differ from the actual product. All Digiphot reserves all rights for the content. Please read this manual thoroughly before first use of the DM - 50 and keep it safe for later use.

## Caution

### FCC - Information

This device was tested and fulfills the demands for a class B digital device according to article 15 of the FCC regulations.

This ensures proper protection from harmful defects in a living environment.

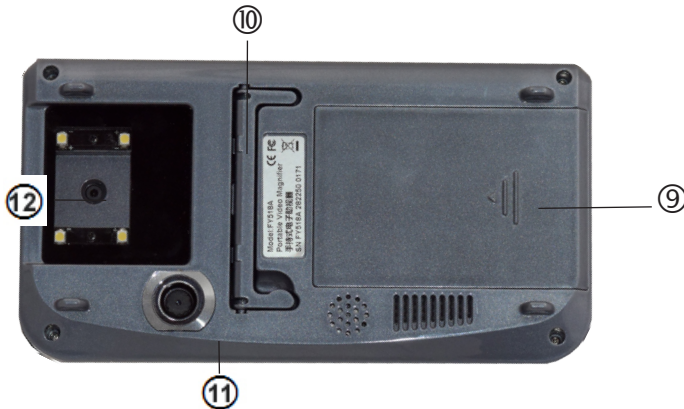
# Overview

## Contents of the package



- 1) Digital - Magnifier
- 2) Carry Bag
- 3) AC - Unit
- 4) Video Cable (for connection with an AV plug)
- 5) Computer Cable (Connection with USB plug)
- 6) Microfibre Cloth
- 7) Hand Strap

# Part Names & Functions



- 1) 5" Display
- 2) Battery Charge Indicator
- 3) Power Button
- 4) Freeze / Unfreeze Button
- 5) Video Mode
- 6) Focus Position
- 7) Zoom In
- 8) Zoom Out
- 9) Battery Compartment
- 10) Writing Stand
- 11) Camera Focus Distance
- 12) Camera Focus Close
- 13) Video Port
- 14) USB Charging Port

## Safety & Maintenance

To keep your magnifier in a good condition, please observe the following guidelines:

1. Read the instructions in this manual before you try to use the product.
2. Do not attempt to repair the magnifier or open the the case. This product does not contain any user-serviceable parts.
3. Keep the magnifier away from moisture, wetness and any liquids.
4. Always operate the magnifier in places with a temperature between 10°C and 50°C.
5. Always store the magnifier in a place with a temperature between 0°C and 65°C.
6. Do not attempt to force any other connectors into the video port. All suitable connectors should fit into the ports easily.
7. Only use the AC - unit that came with the product to charge the batteries. Other adapters could potentially damage the device.


## Getting started



**Before charging the batteries remove the protective foil in the battery case!**

### Charging the batteries

Before using the magnifier you have to charge the batteries.

1. Plug the small end of the power adapter into the USB port located on the left side of the device ①4 . Then plug the other end of the adapter into a standard AC outlet. The LED - power indicator ② on the front of the unit will be red to show that the battery is charging. Charging time before first use can be up to 10 hours.
2. When the battery is finished charging the indicator LED will be green. Unplug the adapter and the LED will turn off.
3. You can now use the magnifier for up to 4 hours.  
A low battery will be indicated by a red symbol  on the left bottom corner of the screen. You have to connect the power adapter to recharge the batteries.




### Attention:

Always turn the magnifier off when charging. The batteries will not be charged if the device is turned on while plugged in.



## Reading with the magnifier

To read with the magnifier, please proceed as follows:

1. Turn the magnifier on by pressing the power button ③ (on the upper left side of the device) for 3 seconds.
2. Place the magnifier on top of the text you want to read.
3. Position the crosshair + that is located just below the video mode button ⑤ on top of the approximate spot you want to read. Anything beneath the crosshair is magnified and shown on the screen.
4. Gradually slide the device to the right to read to the end of the line. Slide the unit downwards and back to the left to start reading the next line.
5. To change the level of the magnification please press the enhance button  or the decrease button .
6. To change the color scheme on the screen press the video mode button  until you find a colour scheme that is most suitable for your visual needs.
7. To freeze the current image press the freeze button ④ (on the upper right side of the device). Press it again to un-freeze.
8. The device will turn itself off automatically after 3 minutes of inactivity.
9. To turn off the magnifier press the power button ③ (on the upper left side of the device) for 3 seconds.



# Using the Digital Magnifier

## Video - Mode


Press the yellow video mode button  to choose between the following 14 different color schemes:

- Full color
- Gray shades
- White on Black
- Black on White
- White on Blue
- Blue on White
- Yellow on Black
- Black on Yellow
- Yellow on Blue
- Blue on Yellow
- Red on Black
- Black on Red
- Green on White
- White on Green




## Magnification adjustment

Press the  button to increase magnification and the  button to decrease it.

## Freeze Frame

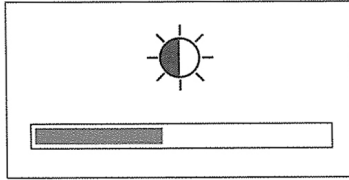
Press the freeze button  to freeze and unfreeze the current image. While freezing an image you have access to the magnification and video mode functions.




## Focus Far and Near (Switching between lenses)

If you want to watch distant objects with your digital magnifier press the freeze button  for 2 seconds to switch to a lense with a far focus. The  icon will appear on the upper right corner of the screen. Now you can take the magnifier and focus it on the object of your choice (e.g. schedules, etc.). If you want to switch back press the freeze button  for 2 seconds again.


## Brightness adjustment


Press the yellow video mode button  for 3 seconds and the brightness bar will be displayed.




Press the enhance button  to increase brightness and the decrease button  to decrease brightness. To close the menu just press the video mode button  again.

## Volume adjustment

Hold the yellow video mode button  for 3 seconds.

To turn the control tone on or off press the freeze button  . If the loudspeaker icon on the right side of the screen is visible it means the tone is on. Otherwise it is off.

## Battery indicator

When the batteries are low you will see the  icon on the lower left side of the screen. This indicates that you need to recharge the device.

To enhance the batteries life span turn off the magnifier if you don't use it.

## Writing with the digital magnifier

If you want to use the magnifier for writing you will find a writing stand on the underside of the device ⑩ . This stand lifts a part of the unit. You can see everything you write on the display of the magnifier.

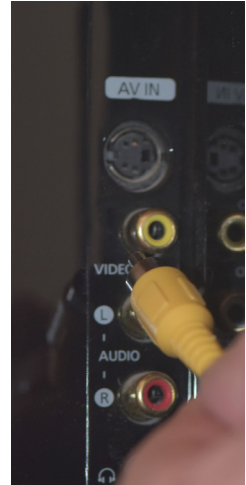


To use the stand proceed as follows:

1. Turn the device over. The stand is located between the camera window and the battery cover.
2. Place your finger in the indentation adjacent to the stand.
3. Flip the stand until it snaps into place.
4. Turn the device around again and put it on a flat surface. You can now write on the object that is being magnified.
5. If you want to read with the magnifier push the stand back into its former position.

## Connecting the magnifier to a TV

If you need a larger magnification than the magnifier's 5 inch screen you can connect the device to a television using the video cable. To connect your magnifier with a TV please proceed as follows:



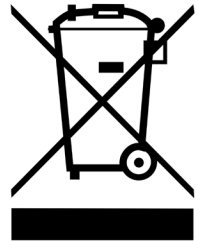
1. Insert the 3.5mm plug on the end of the video cable into the magnifier's video port.
2. Insert the RCA plug on the video cable into one of your television's yellow video input connectors. Your TV's manual contains all the information about how to find these connectors.
3. Turn on the television. If necessary switch your television to the appropriate channel. Texts / templates you magnify will appear on the TV screen.

## Warranty

Each Digiphot product is checked with great care and is free of any material and manufacturing faults. This product has a warranty of 24 months and the batteries for 6 months.

The warranty becomes void if the device is treated improperly or after repair attempts by unauthorized individuals or if it has been opened by unauthorized individuals.

This icon which has been printed onto the product or in the manual means that the electric device has to be disposed of separated from domestic waste. There are separate methods of waste disposal for recycling in the EU.



For further information, please ask your local authorities or the retailer who sold you the product.

If despite our descriptions you still should encounter any problems with the Digital - Magnifier please contact our service hotline.

You can reach us from Monday to Thursday from 8pm – 4pm and Friday from 8pm – 2pm at this number:

+49 (0) 96 27 - 9 12 18

or send a mail to:

[service@digiphot.eu](mailto:service@digiphot.eu)

Please keep in mind that returns are only possible after a previous consultation and issuing a RMA - number.

After examining the faulty product we decide if an exchange, a partial replacement or a repair will take place. We are not liable for damages resulting from improper use.

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