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INSTRUCTION MANUAL
MANUAL DE INSTRUCCIONES
MANUEL D'INSTRUCTIONS

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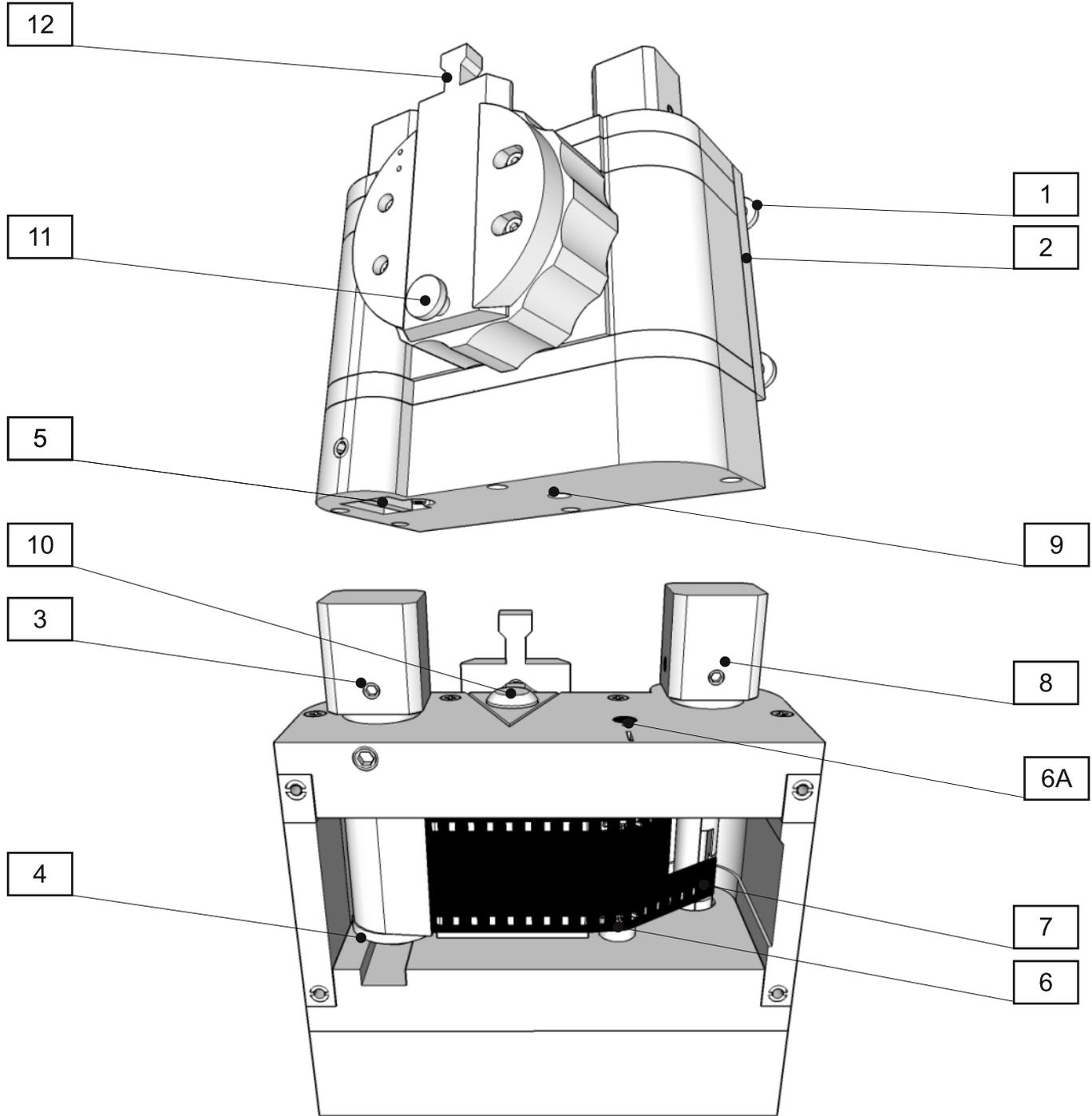
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attaphoto CURVA-45

by
Auloma Holding S.r.l.



Nomenclature

1	Knob	7	Takeup Spool
2	Cover	8	Winding Knob
3	Rewind Knob	9	Threaded Hole
4	Slot	10	Level
5	disengagement mechanism	11	Security Knob
6	Revolution Counter	12	Shutter
6a	Index		

Thank you for purchasing the Auloma Attaphoto CURVA-45. Please read this instruction manual carefully before operating

Working theory

The pinhole camera Auloma Attaphoto CURVA-45 uses a standard 135-film format and uses the principle of pinhole photography. The camera produces images of dimensions 35 x 24 mm and has the capacity to take a number of photographs equal to the capacity of the film (24 or 36 frames) loaded. You can use films of any sensitivity, the opening times of the shutter depend on the sensitivity of the film, in the package is provided a reference table with the approximate opening times of the shutters using a film ISO / ASA 100 in various light conditions, while to obtain more accurate shutter opening values we recommend you visit our website www.auloma.com. The rewinding system of the camera roll allows to easily rewind the film in its container avoiding any accidental exposure to light.

Caution - Safety precautions

1. Children from 0 to 14 years of age are not allowed to use the camera. The camera is composed by detachable components that could be ingested.
2. Do not use the pinhole of the camera to observe the sun or other sources of light, this could damage your eyes.
3. Keep the camera away from heat sources $>90^{\circ}\text{C}$, to avoid irreparable damage
4. Keep the camera away from fire to avoid damage or burning.
5. Keep the camera at least 30mm away from objects that could be damaged by the magnetic field by the neodymium magnet mounted on the shutter, such as: magnetic stripe cards or badges, hearing aids, pacemakers, mechanical watches in accordance with ISO 764, For NON ISO 764 watches, maintain a distance of at least 61mm. A safety distance cannot be determined to avoid damage to hard disks.

Note

- Do not disassemble the camera
- The camera isn't waterproof. Do not immerse the camera in liquids or under running water.

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- Do not use acids, corrosive substances, hydrocarbons or anything else not indicated for cleaning surfaces.
- The camera uses a neodymium magnet that can lose part of its attraction force when heated to a temperature of $>80^{\circ}$.
- The camera is a handcrafted product with surfaces finished by abrasive discs. Possible scratches due to processing are a characteristic of our product and can't to be considered defects or that the product has been used.

Preparation before use

Release the four knobs **1** and remove the cover **2**, pull the rewind knob **3** until it clicks and insert the film cartridge into slot **4**. Re-insert the rewind knob **3** so that the film cartridge is secured inside the camera. Pull the disengagement mechanism **5** to the mechanical lock, then pull the film just enough to insert its holes in the cogs on the revolution counter **6**. Continue to pull the film until insert its initial part into the slot of the takeup spool **7**, so take care that a hole in the film is engaged in the hook present in the base of take up spool. Turn the winding knob **8** slightly with one hand to make sure that the takeup spool drags the film and then without letting go of the grip with the other hand push in the disengagement mechanism **5** until it stops. Reinsert the cover **2** closing the film compartment and secure it to the camera by screwing the four knobs **1**. Turn the winding knob **8** to wind the part of the film exposed during the loading operations, turn until will be executed three revolutions of the index **6A** placed on the revolution counter, only now the camera will be able to take the first picture.

Take photographs

Mount the camera on the tripod using the threaded hole **9** or secure it on a support surface, level **10** will help you to understand if the camera is level, unscrew the security knob **11**, lift the shutter **12** to the stop and leave it in place for the time necessary to impress the film and then lower it back to the initial position. Turn winding knob **8** to wind the film and take the next photo, the film will be in the correct position to take the next photo after the index **6A** has taken a revolution. When the film is depleted, winding knob **8** will be locked automatically. Before storing the camera, it is recommended to screw the safety knob **11** back on.

Film cartridge storage

Pull the disengagement mechanism **5** to unlock the winding knob **8**, turn the rewind knob **3** to rewind the film, in this operation when the index **6A** and the winding knob **8** will stop rotating means that the film has been rewound. To be sure, make further rotations of the rewind knob **3** to have the absolute certainty that the film is completely retracted in its cartridge. Release the four knobs **1** and remove the cover **2**, pull the rewind knob **3** until it clicks and remove the roller from the camera.

Maintenance and cleaning

1. Before inserting the film cartridge, after removing the cover **2** use a pump with dust filter to clean the inside of the camera and the cover. Before this operation, it is recommended to treat, the inside of the camera and the side of the cover pointed to the camera inner, with anti-static spray. Recommended antistatic spray: TETENAL manufactured by Tetenal Europe GmbH.
2. Clean the outside of the camera with a soft, clean cloth, preferably a dust-capturing cloth.
3. Clean the eco-leather coating using a dampened microfiber cloth. For persistent stains or dirt, use a specific eco-leather cleaner to apply to a soft cloth and not directly to the camera.

Specifications

1. Overall dimensions (HxWxD): 142x128x112mm (5.5"x5"x4.5")
2. Weight: 920g (230 lb) (Film cartridge excluded)
3. Material: Composite of polyuretane resin and graphite
4. Focal length: 46mm (1"13/16)
5. Pinhole diameter: 0.2mm (0.078")
6. Angle of View: 49°31'35"
7. Film stop: f=230
8. Film size: 135 (35mm)
9. Image size: 24mmx36mm (15/16"x1"27/64)
10. Tripod thread type:: UNC 1/4"x20
11. Working temperature without film: min -30°C.....max 60°C

IT 12. Storage temperature: min -40°C max 70°C

Storage

EN Store the camera in its closed protective bag to prevent dust contamination in an environment with a temperature within the range indicated for storage. ES The manufacturing material makes it resistant to humid environments, however, it is recommended to store it in a dry environment to avoid possible FR oxidation of metal components.

Disposal of the camera



Under no circumstance should you dispose of the camera in normal domestic waste. Dispose of the camera via an approved disposal company of your municipal waste facility. Please observe currently applicable regulations. Please contact your waste disposal center if you need any further information. The following is a list of the materials that compose the camera for ease of disposal:

- Polyurethane resin with graphite additive.
- Brass
- Tin
- Steel
- Polyurethane eco-leather
- Neodymium

Disposal of card exposure times



The exposure times card is made of paper material coated with plastic film. Do not release into the environment and please respect the current regulations on waste disposal.

Disposal of instructions manual



The instruction manual enclosed in the package is printed on paper and can be disposed of at your recycling plant.

Disposal of protective bag



The bag is made of recyclable material and can be disposed of at your recycling plant.

Disposal of packaging



The packaging is made of recyclable material and can be disposed of at your recycling plant.

Intended use

The camera Auloma Attaphoto CURVA-45 is used for taking pictures. Do not use the camera for other purposes, Auloma Holding is not liable for damage caused by improper use of the product.

Customer service

To ensure speedy handling of your issue, please email us for assistance
Email: info@auloma.com

Social community

Owning an Auloma pinhole camera allows you to share your experiences and emotions obtained using this product also through dedicated social platforms. If you are interested in sharing your photos with other photography enthusiasts, publish your photos on the dedicated flickr space:
<https://www.flickr.com/groups/auloma/>,

Or share your photos on the web using #attaphoto tag

<https://www.auloma.com>

<https://attaphoto.com>

<https://twitter.com/Auloma2>

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