

User Manual

Slide Kamera SP series slider is a professional equipment perfect for smooth shots during the camera movement. Suitable for light cameras and photo cameras of a total weight up to 4kg. Specially designed cart that moves along the rail carries the camera and leads it towards the object that is being filmed.



Slide Kamera SP series slider BASIC, PRO

Pdf version of the manual available for download: www.slidekamera.eu



Before you start your work with Slide Kamera S series slider we strongly recommend to read the manual carefully. Please note that using the device in a manner inconsistent with the manual can cause damage or malfunction the manufacturer is not responsible for.

In case of damage during transport you are required to submit:

- ☒ proof of purchase
- ☒ protective styrofoam inserts included in the set in case of new product delivery

If you fail to comply with the abovementioned conditions, the manufacturer reserves the right to refuse the complaint.

Photos of the products may slightly differ from the actual product due to constant modifications and improvements introduced by the manufacturer.

Slide Kamera®

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Table of contents

1. Elements and construction of Slide Kamera SP series slider.....3

2. Product description.....5

2.1. Cart.....5

2.2. Rail and mounting ports.....5

2.3. Side feet.....6

3. Specification.....6

4. Mounting.....7

4.1. Mounting video head on SP series slider cart.....7

4.1.1. Mounting video head directly on SP series slider cart.....7

4.1.2. Mounting video head on SP series slider cart with the use of Slide Kamera AKC-3 adapter or Manfrotto MN577 adapter.....7

4.2. Mounting Slide Kamera SP series slider on Slide Kamera HST series tripods.....9

4.2.1. Mounting Slide Kamera SP series slider directly on Slide Kamera HST series tripods.....9

4.2.2. Mounting Slide Kamera SP series slider on Slide Kamera HST series tripods using Slide Kamera AKC-3 adapter or Manfrotto MN577 adapter.....9

4.3. Mounting Slide Kamera SP series slider on Slide Kamera heads.....10

4.3.1. Mounting SP series slider directly on Slide Kamera rotational heads.....11

4.3.2. Mounting Slide Kamera SP series slider on Slide Kamera heads using Slide Kamera AKC-3 adapter or Manfrotto MN577 adapter.....11

5. Slide Kamera HDN/HDN PRO DC drive for Slide Kamera SP series sliders.....12

5.1. Mounting Slide Kamera HDN/HDN PRO DC drive on SP series slider.....13

6. Transport.....14

7. Maintenance.....14

8. Terms of warranty.....15

1. Elements and construcion of Slide Kamera SP series slider

Once you receive the shipment please make sure that all the elements of Slide Kamera SP series slider are inside.

It is forbidden to remove and reinstall the cart. All attempts to do so may cause damage to the rollers, the manufacturer is not responsible for.

Set includes:

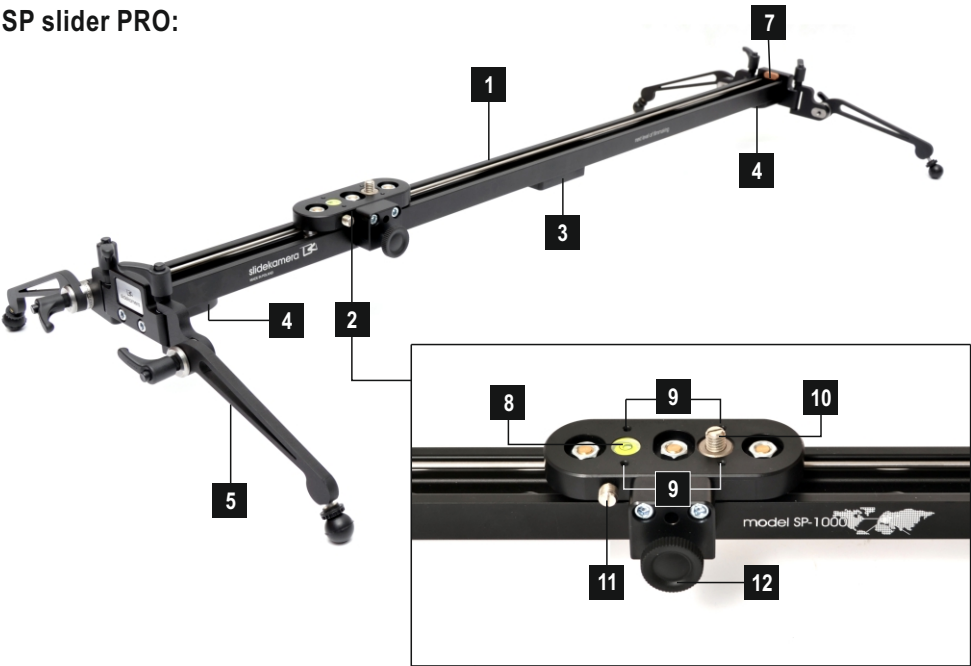
- ☒ rail (length of rail depends on the model)
 - SP-600: 600mm
 - SP-1000: 1000mm
- ☒ f-BASIC SO or f-PRO SP side feet with level adjustment (side feet type depends on slider model)
- ☒ central mounting port with 3/8" and 1/4" holes
- ☒ two mounting ports on both ends of the rail with 3/8" holes
- ☒ cart with 3/8" threaded hole and a level
- ☒ AF-11 SL reduction 1/4"-3/8" mandrel
- ☒ AF-12 SL reduction 3/8" mandrel
- ☒ standstill brake
- ☒ user manual

| Model | Length of rail | Central mounting port with 3/8" and 1/4" holes | Mounting ports with 3/8" hole | Side Feet Type | Brake |
|---------------|----------------|--|-------------------------------|----------------|----------|
| SP-600 BASIC | 600 mm | 1 | 2 | BASIC | included |
| SP-600 PRO | 600 mm | 1 | 2 | PRO | included |
| SP-1000 BASIC | 1000 mm | 1 | 2 | BASIC | included |
| S-1000 PRO | 1000 mm | 1 | 2 | PRO | included |

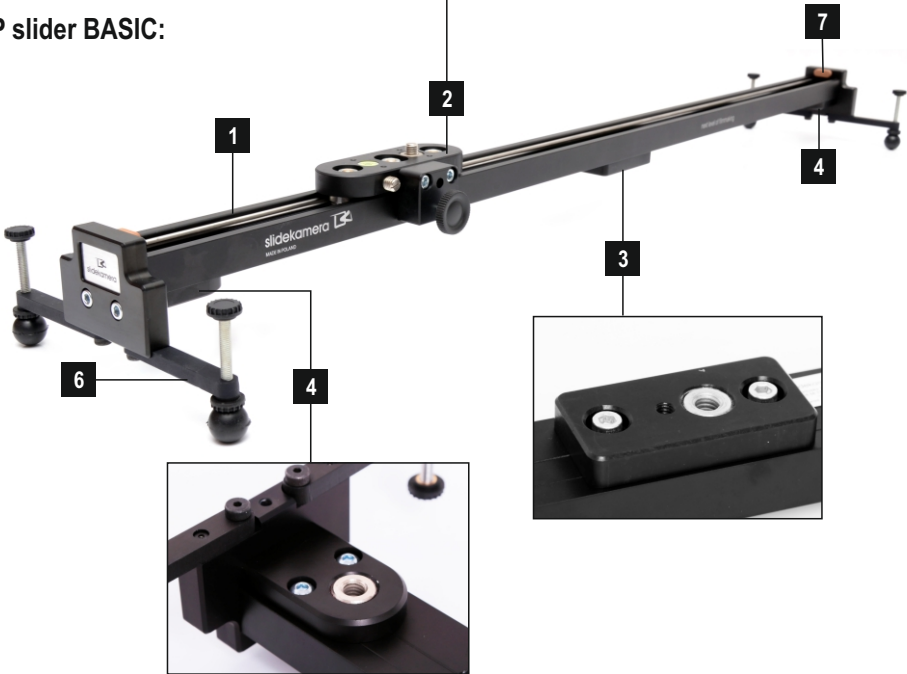
Slide Kamera SP series slider construction:

- Rail [1]
- Cart with 3/8" threaded hole and a level [2]
- Central mounting port with 3/8" and 1/4" holes [3]
- Two mounting ports on both ends of the rail with 3/8" holes [4]
- f-PRO SP side feet [5]
- f-BASIC SP side feet with level adjustment [6]
- Rubber bumpers [7]
- Level [8]
- Four M4 holes [9]
- AF-12SL reduction 3/8" thread [10]
- AF-11SL reduction 1/4"-3/8" thread [11]
- Standstill brake [12]

SP slider PRO:



SP slider BASIC:



2. Product description

Slide Kamera SP series slider is a professional equipment perfect for smooth shots during the camera movement. Suitable for light cameras and photo cameras of a total weight up to 4kg. Specially designed cart that moves along the rail carries the camera and leads it towards the object that is being filmed. Number of mounting holes allowing to mount various accessories in a variety of combinations provide universality of our device and provide the user with great configuration possibilities.

2.1. Cart

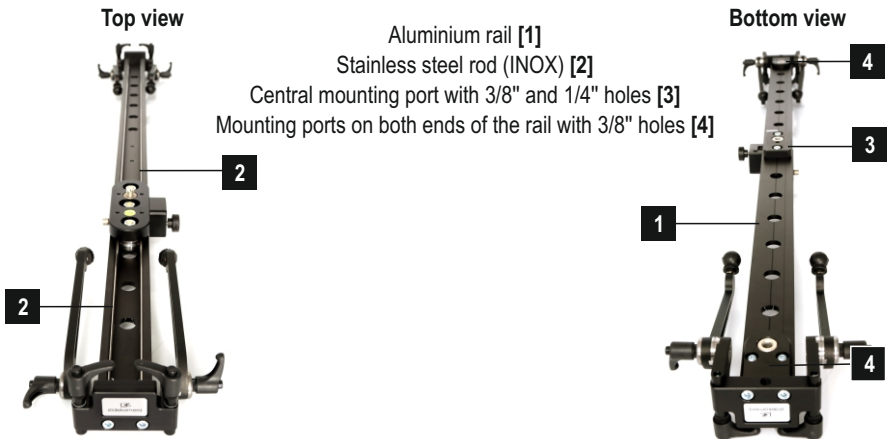
The cart was designed basing on high quality components, what guarantees excellent smoothness and stability of motion. The cart is equipped with three bearinged rollers made of stainless steel (INOX). Additionally, rollers are placed inside the cart in a way that provides perfect protection against damage. The cart is equipped with 3/8" threaded hole, four M4 threaded holes (Slide Kamera and Manfrotto spacing) and two 1/4" holes for mounting accessories in various combinations.

- Level [1]
- Four M4 holes [2]
- 3/8" hole [3]
- 1/4" hole [4]
- Standstill brake [5]
- Stainless steel rod (INOX) [6]

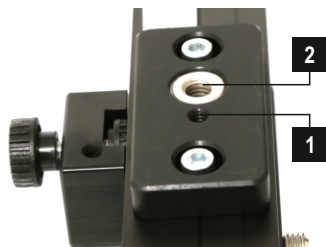


2.2. Rail and mounting ports

Aluminium construction of the rail guarantees strength and lightness of the device. There are two stainless steel (INOX) rods inside the rail. It is also equipped with a central mounting port with 3/8" and 1/4" holes, and two mounting ports on both ends of the rail with 3/8" holes that allow to mount the slider on two tripods. Length of rail depends on SP slider model you select. Available lengths: 600mm, 1000mm.

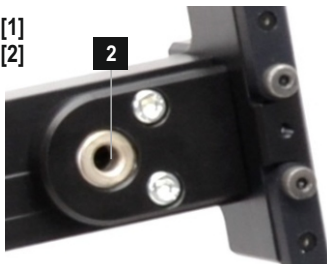


**Central mounting port
with 3/8" and 1/4" holes**



**Mounting port at the end of rail
with 3/8" hole**

1/4" hole [1]
3/8" hole [2]



2.2. Side feet

Depending on the model you select, the device is equipped with two types of side feet: f-BASIC SP and f-PRO SP with level adjustment. Aluminium side feet provide stability on uneven and challenging ground. 3/8" holes in f-PRO SP feet allow to mount the device on two tripods or monopods, what considerably increases stability of support. Additionally, side feet protect the cart from falling out of the rail. Side feet are equipped with rubber bumpers that protect the cart against any damage.

f-PRO SP side feet



f-BASIC SP side feet



3. Specification

| | |
|------------------------------------|--|
| Application: | smooth shots during the camera movement |
| Length of rail: | SP-600: 600mm SP-1000: 1000mm |
| Weight: | SP-600 STANDARD: 2,4kg SP-600 PRO: 2,8kg SP-1000 STANDARD: 3,0kg SP-1000 PRO: 3,4kg |
| Width of rail: | 50mm |
| Maximum width of side feet: | f- BASIC SP: 210mm f- PRO SP: 520mm |
| Safety payload: | 4kg |
| Rail mounting ports: | central mounting port with 3/8" and 1/4" holes two side ports with 3/8" holes |
| Cart mounting ports: | 3/8" threaded hole four M4 mounting holes two 1/4" holes |
| Level: | 1 bubble level on the cart |
| Material: | aluminium rail with two stainless steel (INOX) bars inside |
| Color: | black |

4. Mounting

Number of mounting holes in both the cart and lower mounting ports allow to mount various accessories in a variety of combinations thus providing universality of our product as well as provide the user with great configuration possibilities.

4.1. Mounting video head on SP series slider cart

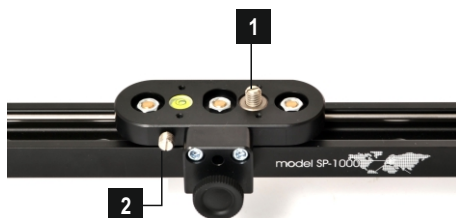
SP series slider cart is equipped with a number of mounting holes that allow to mount the video head either directly using a proper reduction AF-12 SL or AF-11 SL, or through Slide Kamera AKC-3 adapter or Manfrotto MN577 adapter, using four M4x12 screws.

4.1.1. Mounting video head directly on SP series slider cart

3/8 " threaded hole built in the cart plate allows to mount video heads with either 1/4" or 3/8 " thread on the cart with the use of a proper reduction that comes in the set. In order to mount the video head, screw a proper reduction into 3/8" threaded hole on the cart plate then, connect the video head.

AF-12SL reduction 3/8 " mandrel with a cross-cut for a flat wrench [1]

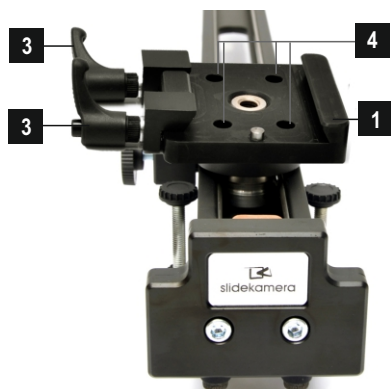
AF-11SL reduction 1/4 " - 3/8" mandrel with a cross-cut for a flat wrench [2]



4.1.2. Mounting video head on SP series slider cart using Slide Kamera AKC-3 adapter or Manfrotto MN577 adapter

Slide Kamera AKC-3 adapter allows to attach accessories used during photo-video realisations very quickly without tedious and time consuming mounting and dismounting. In this case, AKC-3 adapter facilitates mounting video head on SP series slider cart. In order to mount AKC-3 adapter base on slider cart remove AF-12SL reduction 3/8" mandrel with a cross-cut for a flat wrench and AF-11SL reduction 1/4"-3/8" mandrel from the cart plate. Release the clamping knobs [3] and slide out AK-101 sliding plate [2] from AKC-3 adapter base [1]. Screw Slide Kamera AKC-3 adapter base to the cart plate using four M4x12 screws [4] (3mm Allen key).

M4 holes spacing allows also for mounting Manfrotto MN577 adapter with MN501PL plate on SP series slider cart. Method of mounting is the same as in case of mounting AKC-3 adapter. Elements of Manfrotto MN577 adapter are presented on the next page.



Remove the screws: 2 x M8 [5] with square nuts from Slide Kamera AK-101 sliding plate and:

- ☑ 1/4" photographic screw [6] in the case of mounting a head equipped with 3/8" hole
- ☑ 3/8" photographic screw [7] in the case of mounting a head equipped with 1/4" hole
- ☑ grub screw locking 1/4" and 3/8" screws [8]

Screw Slide Kamera AK-101 sliding plate to the camera head base equipped with 1/4" or 3/8" threaded hole using a suitable Slide Kamera photographic screw 1/4" or 3/8".

Slide Kamera AK-101 sliding plate [1]

Video head base [2]

Slide Kamera 3/8" photographic screw [3]

Video head [4]



Slide the head with AK-101 plate into AKC-3 adapter base and lock the clamping knobs.

Slide Kamera cart [5]

Clamping knobs [6]



Elements of Manfrotto MN577 adapter with MN501PL plate

Manfrotto MN577 adapter [1]

Manfrotto MN501PL plate [2]

Four M4 holes [3]

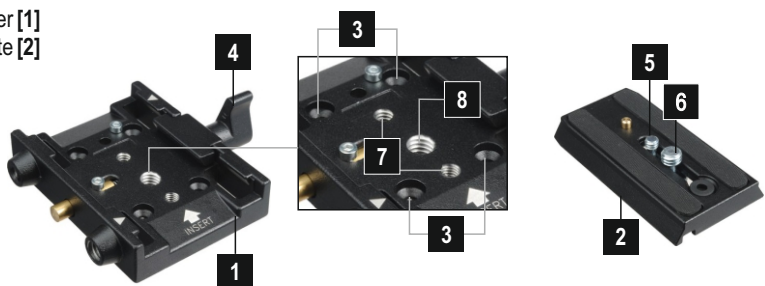
Clamping knob [4]

1/4" screw [5]

3/8" screw [6]

1/4" threaded hole [7]

3/8" threaded hole [8]



4.2. Mounting Slide Kamera SP series slider on Slide Kamera HST series tripods

Slide Kamera SP series slider is designed for Slide Kamera HST series tripods. Method of mounting in case of HST-2 and HST-3 tripod is the same. Slide Kamera SP series slider can be mounted on the tripod either directly, using Manfrotto half ball or Slide Kamera HSZ-2 quick mounting screw, or indirectly, using a proper adapter: Slide Kamera AKC-3 or Manfrotto MN577, that allow to change the accessories used in photo-video productions in a very fast and easy way.

4.2.1. Mounting Slide Kamera SP series slider directly on Slide Kamera HST series tripod

Slide Kamera SP series slider can be mounted directly on HST series tripod with the use of Slide Kamera HSZ-2 quick mounting screw [1] or Manfrotto half ball [2]. Whereas HSZ-2 quick mounting screw allows to mount the slider on the tripod rigidly, Manfrotto half ball gives the possibility to level the slider. In order to mount SP slider on the tripod, first mount either HSZ-2 screw or Manfrotto half ball on the tripod and then screw 3/8" screw [3] into 3/8" hole of central mounting port [4] of Slide Kamera SP series slider.



4.2.2. Mounting Slide Kamera SP series slider on Slide Kamera HST series tripods with the use of Slide Kamera AKC-3 adapter or Manfrotto MN577 adapter

Slide Kamera AKC-3 adapter or Manfrotto MN577 adapter allows to mount and dismount Slide Kamera SP series slider on/from the tripod in a very fast and easy way. Method of mounting both adapters is the same, photos below present Slide Kamera AKC-3 adapter in use.

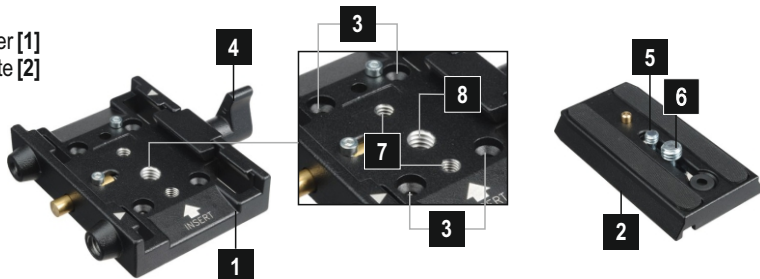
In order to mount AKC-3 adapter slide AK-101 sliding plate out of the AKC-3 adapter base. Remove all screws except for the 1/4" [1] and 3/8" [2] photographic screws and the grub [3] that locks them.

- Slide Kamera 1/4" photographic screw [1]
- Slide Kamera 3/8" photographic screw [2]
- Grub screw locking 1/4" and 3/8" screws [3]



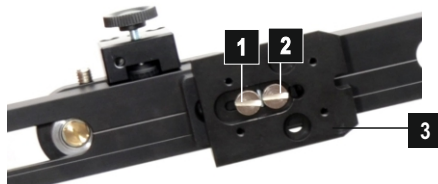
Elements of Manfrotto MN577 adapter with MN501PL plate

- Manfrotto MN577 adapter [1]
- Manfrotto MN501PL plate [2]
- Four M4 holes [3]
- Clamping knob [4]
- 1/4" screw [5]
- 3/8" screw [6]
- 1/4" threaded hole [7]
- 3/8" threaded hole [8]



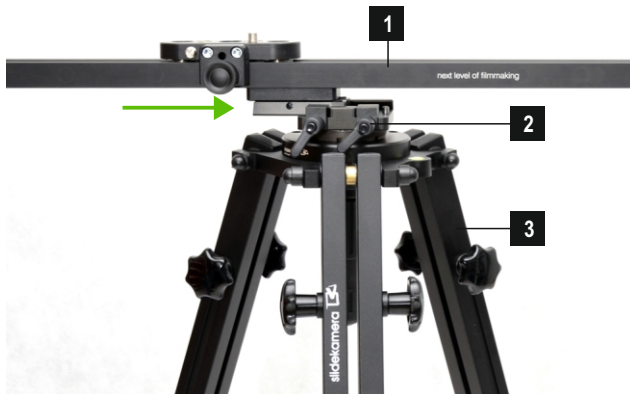
Mount Slide Kamera AK-101 sliding plate to central mounting port using Slide Kamera 1/4" and 3/8" photographic screws.

- Slide Kamera 1/4" photographic screws [1]
- Slide Kamera 3/8" photographic screws [2]
- Slide Kamera AK-101 sliding plate [3]



Mount Slide Kamera AKC-3 adapter base to HST-2 or HST-3 tripod socket using Manfrotto half ball or Slide Kamera HSZ-2 quick mounting screw. Whereas HSZ-2 quick mounting screw allows to mount the device on the tripod rigidly, Manfrotto half ball gives the possibility to level the slider.

Unlock AKC-3 adapter clamping knobs, slide AK-101 sliding plate, mounted to the central port of the slider, into AKC-3 adapter base, thus connecting Slide Kamera SP series slider with Slide Kamera HST series tripod. Lock the clamping knobs.



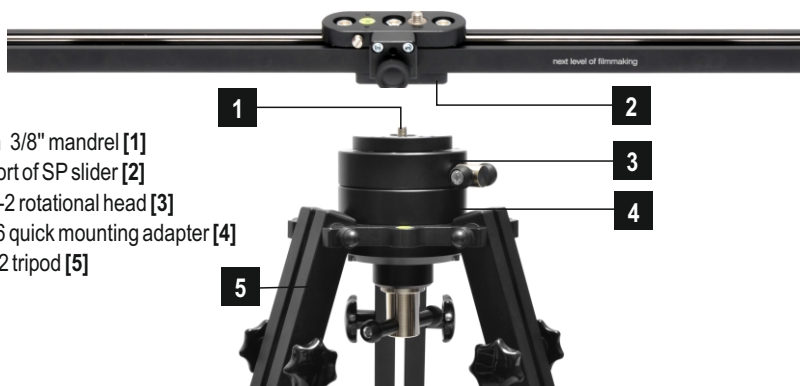
- Slide Kamera SP series slider [1]
- Slide Kamera AKC-3 adapter [2]
- Slide Kamera HST-2 tripod [3]

4.3. Mounting Slide Kamera SP series slider on Slide Kamera heads

Slide Kamera SP series slider can be also mounted on Slide Kamera heads. Method of mounting for all heads is the same. The device can be mounted either directly, using AF-12 LG reduction 3/8" mandrel or indirectly, using Slide Kamera AKC-3 adapter or Manfrotto MN577 adapter. Adapters allow to mount and dismount the devices quickly and effortlessly. Central mounting port with 1/4" and 3/8" holes allows also for mounting the device on other video heads available on the market.

4.3.1. Mounting SP series slider directly on Slide Kamera rotational heads

In order to mount Slide Kamera SP series slider directly on Slide Kamera rotational head remove all screws from the head mounting plate except for the central screw: AF-12 LG reduction 3/8" thread. Next, screw the reduction into 3/8" hole of central mounting port of the slider. Method of mounting presented on the example of Slide Kamera HGO-2 rotational head.



AF-12 LG reduction 3/8" mandrel [1]

Central mounting port of SP slider [2]

Slide Kamera HGO-2 rotational head [3]

Slide Kamera AF-16 quick mounting adapter [4]

Slide Kamera HST-2 tripod [5]

4.3.2. Mounting Slide Kamera SP series slider on Slide Kamera heads with the use of Slide Kamera AKC-3 adapter or Manfrotto MN577 adapter

Mounting of Slide Kamera SP series slider will be presented on the example of Slide Kamera HG-5 oil pan and tilt head. In order to mount Slide Kamera slider on Slide Kamera head remove all screws from the head mounting plate and mount a proper adapter base: Slide Kamera AKC-3 or Manfrotto MN577. Method of mounting the adapters is the same. Photos below present the example of AKC-3 adapter in use.

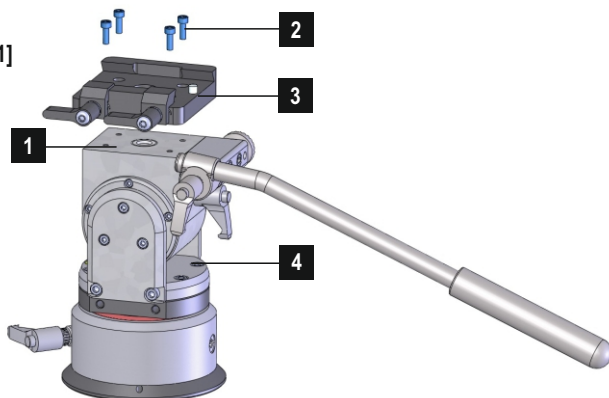
Slide out the AK-101 sliding plate from the AKC-3 adapter, remove all screws except for the 3/8" and 1/4" photographic screws and the grub screw that locks them. Screw AKC-3 adapter base to Slide Kamera HG-5 head mounting plate using four M4x12 screws (provided with Slide Kamera AKC-3 adapter).

Slide Kamera HG-5 head mounting plate [1]

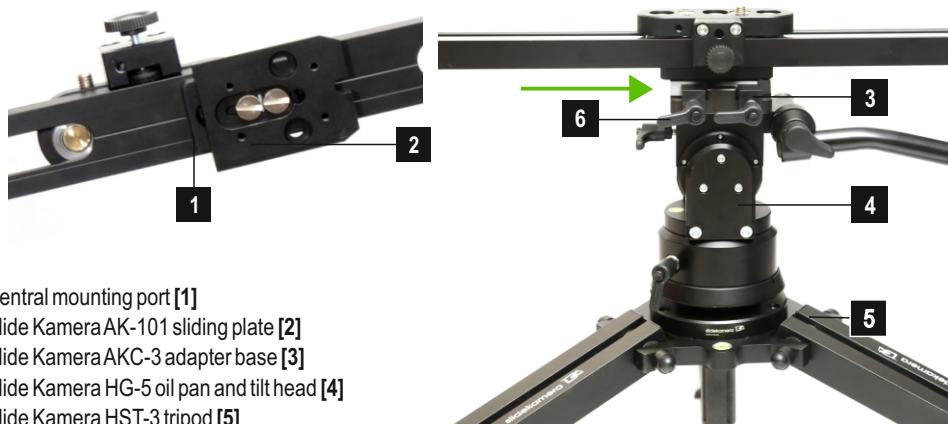
Four M4x12 screws [2]

Slide Kamera AKC-3 adapter base [3]

Slide Kamera HG-5 pan and tilt head [4]



Mount Slide Kamera AK-101 sliding plate to central mounting port using Slide Kamera 1/4" and 3/8" photographic screws. Unlock AKC-3 adapter clamping knobs, slide AK-101 sliding plate mounted to the central port of the slider into AKC-3 adapter base, thus connecting Slide Kamera SP series slider with Slide Kamera head. Lock the clamping knobs.



- Central mounting port [1]
- Slide Kamera AK-101 sliding plate [2]
- Slide Kamera AKC-3 adapter base [3]
- Slide Kamera HG-5 oil pan and tilt head [4]
- Slide Kamera HST-3 tripod [5]
- Clamping knobs [6]

Central mounting port with 1/4" and 3/8" holes allows also for mounting Slide Kamera SP series slider on other video heads available on the market.

5. Slide Kamera HDN/HDN PRO DC drive for Slide Kamera SP series sliders

Slide Kamera HDN/HDN PRO DC drive for Slide Kamera SP series sliders, is equipment specially designed for smooth shots in motion ranging from 2mm/s to 55mm/s as well as Timelapse photos. HDN/HDN PRO DC drive for Slide Kamera SP series sliders consists of an intuitive controller: HDN-ST or HDN-ST PRO and a power unit HDN-ZN-2. Speed stability of our drive ensures perfect smoothness of motion both horizontally and at a certain angle. Quiet operation reduces the noises to the minimum on the recorded material. Additionally, the device is very light, its weight does not exceeds 1kg. Slide Kamera HDN DC drive is available in two versions: HDN and HDN PRO with photocamera synchronization.

- HDN-ST PRO controller [1]
- HDN-ZN-2 power unit [2]
- Shutter releasc available in HDN PRO version [3]
- 100÷240VAC adapter [4]



HDN/HDN PRO drive can be supplied from either AC adapter or three R6/AA batteries. It is designed in a way to allow simple connection / disconnection of the drive at any time, ie, the cameraman can perform alternately hand held camera movement and use the drive. Drive controller is equipped with 1/4" mounting hole that allows to mount it on devices with the use of Slide Kamera AF-17 articulated arm or 11" Magic Arm.



5.1. Mounting Slide Kamera HDN/HDN PRO DC drive on SP series slider

To mount Slide Kamera HDN/HDN PRO DC drive on Slide Kamera SP series slider unscrew standstill brake from the cart using 5mm Allen wrench and screw the drive instead. It is important that the drive is in parallel position in relation to the cart plate. Make sure that the arm with the motor is lifted (the spring should be compressed) before you mount the drive.



When using the drive, make sure to unlock standstill brake [1] integrated with HDN-ZN-2 power unit. In order to shoot without using the drive lift the motor arm and lock it in this position with the clamping knob [2]. The cart will move freely.



6. Transport

Slide Kamera SP series slider is a very precise device allowing to obtain excellent visual effects. However, some of the elements of our device are susceptible to damage. These are the guide rails, which are in direct contact with the rollers and the rollers themselves. Even the smallest damage (hitting, scratching) can cause performance deterioration of the device. During the transportation it is crucial to secure the abovementioned elements in the most effective way.

It is recommended to transport the Slide Kamera SP series slider in Slide Kamera PSK cover that allows to transport Slide Kamera sliders with accessories safely, in any way so that the rails and rollers are protected against damage.

It is crucial that during transport the cart is immobilized and side feet assembled.

| Slide Kamera SP series slider | Cover |
|----------------------------------|--------------------|
| Slide Kamera SP 600mm BASIC/PRO | Slide Kamera PSK-1 |
| Slide Kamera SP 1000mm BASIC/PRO | Slide Kamera PSK-3 |



Slide Kamera PSK cover is made of waterproof polyester fabric of high durability, resistant to abrasion and weather conditions. It is equipped with inside straps that secure Slide Kamera slider during transport. Sides of PSK cover are filled with 1cm Nexus foam.

7. Maintenance

- ☑ Use a soft cloth to clean. Never use abrasive or caustic products, which could cause the damage of the protective coatings
- ☑ To remove any impurities, you can use compressed air
- ☑ Do not lubricate the rollers, or rails along which the rollers move
- ☑ In case of an excessive clearance of the cart please contact Slide Kamera service
- ☑ Do not leave the device in the sun because the grease may flow out from the roller bearings what can lead to a serious damage

**Any changes in design and repairs are made only and exclusively by the manufacturer.
Failure to comply with the recommended guidelines outlined in this manual
will result in loss of warranty.**

8. Terms of warranty

All Slide Kamera products are covered manufacturer's warranty for a period of 12 months from the date of sale. Warranty covers any design faults or of the material of the product which resulted in the product malfunctioning. The warranty covers the repair, or, if the repair proves impossible, replacement of the product with a new one. However, the cost of repair of the product cannot overrun the catalogue value of the product. The warranty does not cover damage and / or product defects resulting from the improper usage, as well as not following product maintenance specifications.

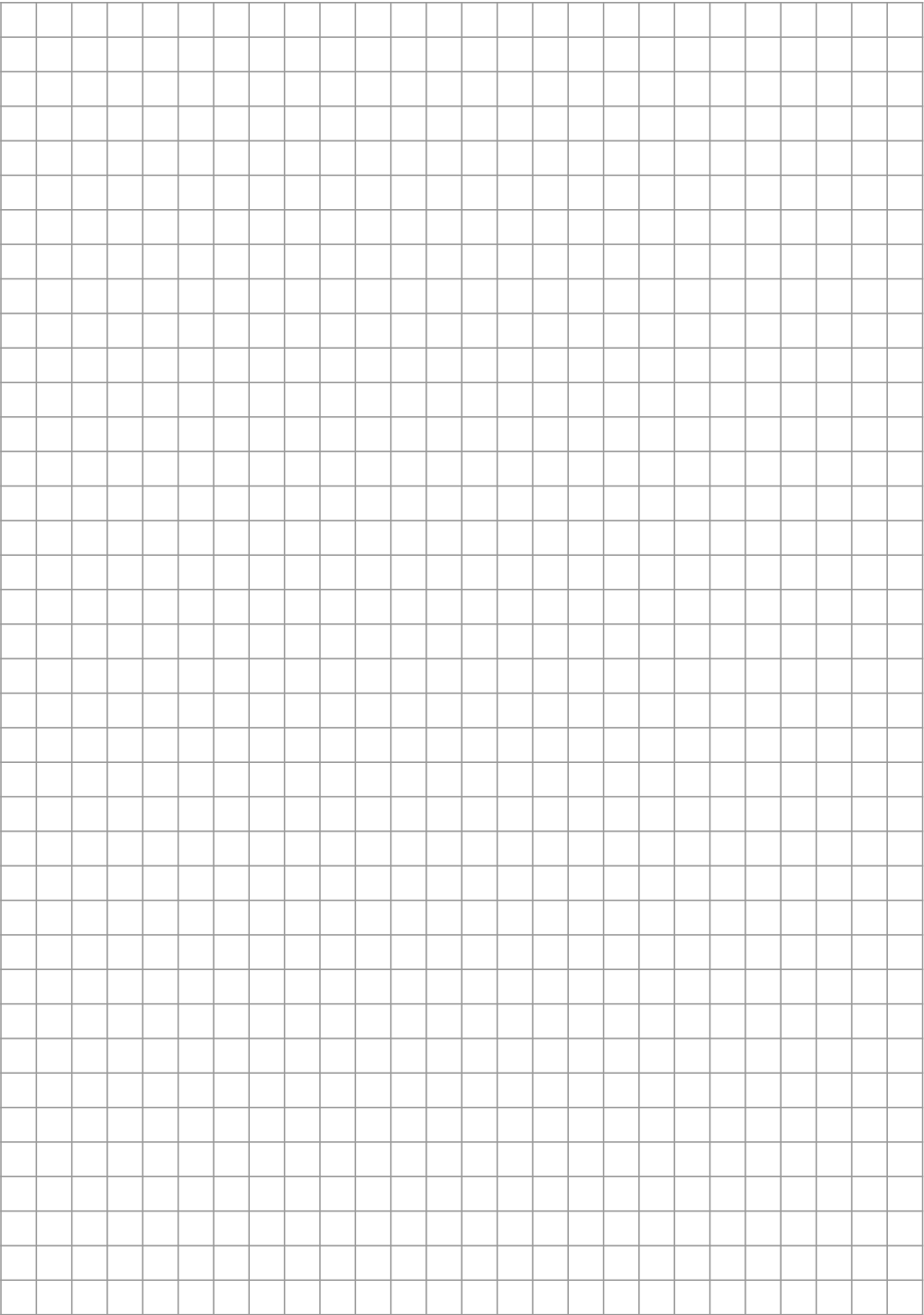
Warranty excludes:

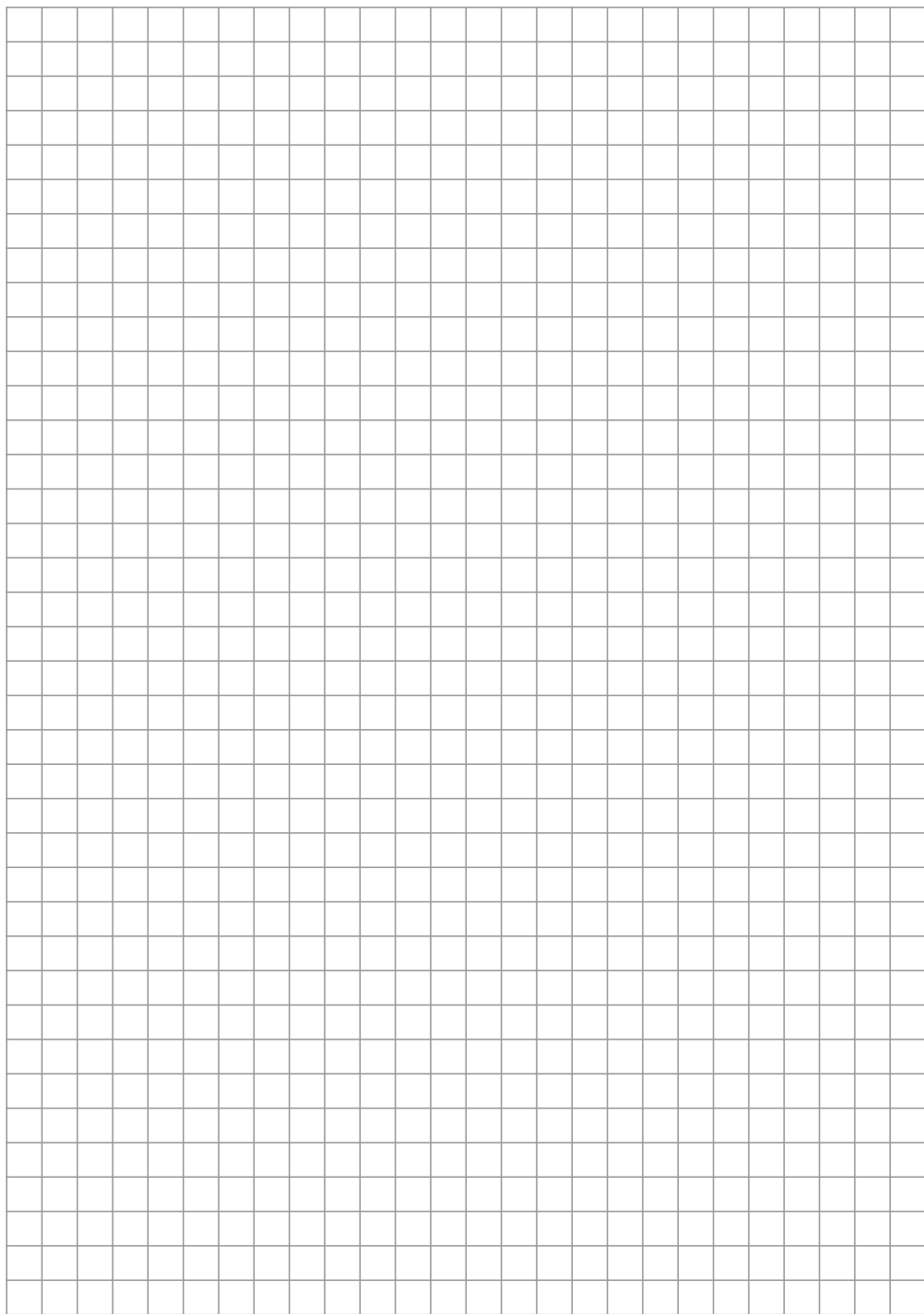
- ☒ unauthorized attempts to repair or modify
- ☒ mechanical damage caused during transport and operation of such features, scratches, dents, pits, dirt, etc ...
- ☒ flooding, moisture

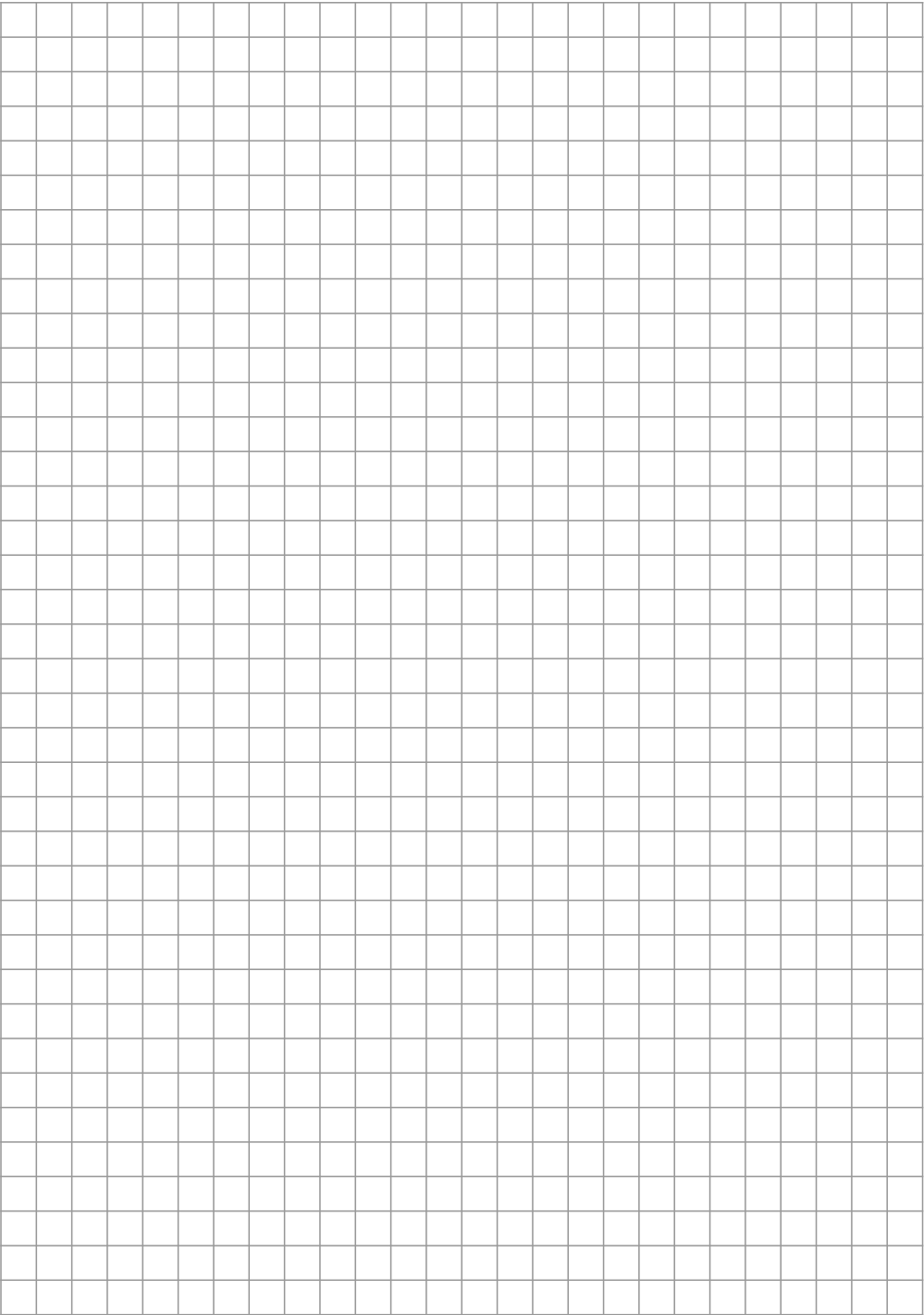
To obtain warranty service the purchaser should deliver the damaged product together with a proof of purchase and proof of payment (invoice, cash register receipt). The product will be accepted for warranty service on condition that it is delivered with correctly filled in complaint form and properly protected during transport. You can download the complaint form from: www.slidekamera.pl / www.slidekamera.eu.

After the warranty period is exceeded any spare parts can be purchased directly from the manufacturer or in any selected points of sale.

The manufacturer runs also a post warranty service: HET-CNC s.c., 80-175 Gdańsk (Poland), Ul. Kartuska 386









made in **POLAND**