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Before the first use


Before using the device for the first time, please read the operating instructions and safety instructions carefully.

Keep the operating instructions together with the device for future use. If other people use this device, make this manual available to them. If you pass on the device to a third party, this manual is part of the device and must be supplied with the device.

Explanation of Symbols

The following symbols are used in this manual, on the flash or on the packaging.

 Products marked with this symbol comply with all relevant Community legislation of the European Economic Area.

 Products marked with this symbol are operated with alternating current.

Overview



- 1 Carrying handle
- 2 Tilt lock
- 3 Lamp stand lock
- 4 Bowens S-type bayonet
- 5 Flash tube
- 6 LED modelling light
- 7 Bayonet release
- 8 Umbrella holder and umbrella lock
- 9 Minus "-" button
- 10 LC display
- 11 Photocell (infrared sensor)
- 12 Modelling light / acoustic signal
- 13 Test flash button
- 14 Sync connection
- 15 Connection for mains cable and Fine-wire fuse
- 16 Plus "+" button
- 17 Radio mode button
- 18 SET button
- 19 On/Off switch



Display ads



20 Radio mode

21 Power output M: 3.0 – 9.0

22 Groups A / B / C / D / E / F / G / H / I / J / L / O / P / Q / S / U

23 Radio channels 0 – 31

24 Photocell on / off

25 Acoustic signal

26 Modelling light on / off, proportional

27 EasyCap display

Operation

1) General notes on commissioning

- Please check the scope of delivery for completeness:
1 x Jinbei DM II studio flash, 1 x protective cap, 1 x mains cable 4.5 m, 1 x instruction manual.
- Before using the flash for the first time, please read the operating instructions completely and observe all warnings and safety instructions.
- Mount the flash on a lamp tripod, lock it in place using the lamp tripod lock [3]. Adjust the tilt of the flash with the tilt lock [2].
- Remove the protective cap from the flash tube. To do this, pull the bayonet release button [b] to the rear, turn the protective cap to the left and remove it to the front.
- Put on the desired light shaper / flash umbrella. The flash unit is equipped with an umbrella holder for reflector/translucent umbrellas and the Bowens S-type bayonet [a] for the use of a wide variety of light shapers (softboxes, reflectors, beauty dishes, etc.).

a) Bowens S-type bayonet (3x)

b) Bayonet release

c) Bayonet pins

(3x on the light shaper)



Operation

- Insert the light shaper with the three bayonet pins [c] into the corresponding recesses on the flash unit and lock it by briefly turning it to the right until it audibly clicks into place.
- To remove the light shaper, pull the bayonet release button [b] to the rear, turn the light shaper to the left and pull it off to the front.
- Connect the unit to the mains using the mains cable supplied.
- To switch on, press the on/off switch [19] on the back of the unit, the LC display switches on.
- Select the various unit functions (see page 28ff.).
- To switch off, press the on/off switch [19] on the back of the unit, the LC display switches off.
- Please allow the unit to cool down before packing it for transport or storage. If necessary, remove the light shaper or umbrella, disconnect the flash from the mains and replace the protective cap on the flash tube.

2) Notes on synchronisation

Simultaneous triggering of camera and flash (synchronisation) is possible via:

- A sync cable (3.5 mm mini-jack), for direct connection between camera and flash or for connecting flash triggers from other manufacturers to the sync socket [14].
- The photocell / infrared sensor [11] built into the flash. For this you need an infrared remote trigger for your camera or you trigger the flash as a slave flash via the light pulse of another flash.
- The radio receiver (2.4 GHz) built into the flash. For this you need one of the compatible Jinbei radio remote controls TR-Q7, TR-Q6, TR-V6, TRS-V for your camera.

Operation

3) Notes on radio operation

- When using radio remote controls, please note that the radio channel and (depending on the type of remote control) also the group must be set identically for correct functioning on the flash and on the remote control.
- Please note that the radio frequency (2.4 GHz) used by these devices is shared with other users / devices. Interference cannot be ruled out due to this. If necessary, change the radio channel to avoid interference.

4) Notes on the camera in continuous shooting mode

- When the camera is switched to continuous shooting mode, please reduce the power output of the flash unit so that the flash charging time keeps up with the continuous shooting speed of the camera.

5) Notes on overheating protection

- If there is a danger of overheating, the overheating protection on the flash unit will switch on automatically. Please interrupt your work immediately and let the flash unit cool down until the "OH" symbol disappears from the display. You can then continue your work.
- If the symbol "OF" appears on the display, the flash has switched off because it has worked over 1000 times continuously at an output power of over 8.0. Again, wait until the flash has cooled down to continue your work.

Operation

1) Flash output setting

- The flash output from 3.0 to 9.0 can be set in 1/10 or whole f-stop increments. The maximum power is shown in the display [10] as 9.0.
- To adjust in 1/10 f-stop increments, press the Minus-button [9] or the plus button [16] to the desired value.
- For adjustment in whole f-stop steps, keep the minus button "-" [9] or the plus button "+" [16] pressed for a longer time.



Test flash



- Press the test button [13] to trigger a test flash.
- With a green signal, the test button [13] indicates that the capacitor is fully charged and the flash is ready to flash again. When the flash is ready, an acoustic signal sounds at the same time, provided it is switched on with the button [12].

Modelling light / acoustic signal

- With a short press on the button [12], you switch the modelling light on and off and select between proportional power, 100% power and off. The symbol [26] appears on the display.
- When the modelling light is switched on, it also functions as a visual ready indicator for the flash charging process. When a flash is triggered, it switches off. When the flash is ready again, it switches on again. If the acoustic signal is switched on, the modelling light does not function as a visual ready indicator.
- A long press on the key [12] switches the **acoustic signal** on and off. The symbol [25] appears on the display.

Operation

Radio mode

Press the radio mode button [17] to switch the flash to radio mode. The symbol [20] on the display starts flashing.


- Press the "minus" or "plus" button [9/16] until the display shows „7“. Then the flash is set for use with the Jinbei radio remote control TR-Q7.
- Press the "minus" or "plus" button [9/16] until the display shows "C", "N", "S" or "F" for using the radio remote controls.


 For Canon cameras (Jinbei TR-Q6C)

 N: For Nikon cameras (Jinbei TR-Q6N)

 S: For Sony cameras (Jinbei TR-Q6S)

 F: For Fujifilm cameras (Jinbei TR-Q6F)

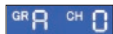
 Press the "minus" or "plus" button [9/16] until the display shows "Radio 6". The flash is then set for use with the Jinbei radio remote control TR-V6.

 Press the "minus" or "plus" button [9/16] until the display shows "Radio 0". Then the flash is set for use with the Jinbei TRS-V radio remote control.

A long press on the radio mode button switches the radio mode off.

Operation

Radio channels and groups



Press once the SET button [18] to set the desired radio channel from "0" to "31". The display starts flashing. Press the minus button "-" [9] or the plus button "+" [16] to set the possible values. The set value is automatically confirmed after 2 seconds.



Press the SET key [18] again to set the desired group to A – J / L / O / P / Q / S / U. The display starts flashing. To set the values in question, press the "Minus" key [9] or the "Plus" key [16]. The set value is automatically confirmed after 2 seconds.

Note: The values set on the flash for channel and group must match the values set on the radio remote control. Group settings are not available with the TRS-V radio remote control.

Photocell / Slave mode

Please press buttons [17] and [18] simultaneously to switch the **photocell** (infrared sensor) for slave mode on or off. The symbol [24] appears on the display. Now the flash is triggered via the flash light of other flash units (studio, camera, clip-on/system flash) or via an infrared remote trigger.

Note: Please note that this method of triggering is highly dependent on the environment and the positioning of the individual flash units in relation to each other.

Note: It is not guaranteed that all camera models are always supported. There may also be restrictions in functionality or in combinations of different technical possibilities.

Operation

EasyCap-Modus

Long press the SET key [18] to activate EasyCap mode. The corresponding icon [27] appears in the display.

Briefly press the "minus" or "plus" key [9/16] to set "1" for the first flash, "2" for the second flash and "1/2" to end the EasyCap mode and confirm your entry by briefly pressing the SET key [18].

Notes on changing the flash tube

Please note the following instructions for changing the flash tube:

Make sure that the unit is switched off and disconnected from the power supply. Wait until the flash tube has cooled down before changing it. Always use clean cotton gloves or a microfibre cloth to change the flash tube.



Fig. 1: Unwind the twisted ignition wire from the flash tube holder and carefully pull the flash tube out of the unit.



Fig. 2: To insert a new flash tube, support the legs of the flash tube and carefully push the flash tube into the end position. Then wrap the ignition wire around the flash tube holder again.

Troubleshooting / fault rectification

Unit does not switch on

- Please check that the mains cable is correctly seated.
- Please check (if necessary with a suitable measuring device) whether there is voltage for the mains cable at the socket.
- Please check the appliance fuse and the house fuse. Replace the fuse(s) if necessary.

Modelling light does not work

- Please check whether the modelling light is switched on.

Flash does not fire

- Disconnect the unit from the power supply. Please check that the flash tube is correctly seated and that the ignition wire is correctly connected. Never touch the flash tube or the ignition wire with your bare hand. Use cotton gloves or a microfibre cloth.
- Replace the flash tube if necessary (see page 31).
- Please check whether the overheating mode has been activated on the unit. In this case, the symbol appears on the LC display. Please interrupt your work immediately and let the flash unit cool down until the symbol "OH" on the display disappears. The unit is then ready for operation again.

Flash does not fire via the photocell (infrared sensor)

- Please check whether the photocell is switched on.
- Please check whether the photocell is covered.

Troubleshooting / fault rectification

Flash does not synchronise

- Please check the cable connection between camera / flash or flash trigger / flash. If necessary, use a different sync cable.
- When using a radio remote control, please check that the batteries / accumulators of the radio remote control are not empty.
- Please check whether the radio remote control is correctly seated in the hot shoe of the camera.
- Please check whether identical radio channels and groups are set on the flash and on the radio remote control.
- Please check whether other devices in the vicinity operate with the same radio frequency and switch them off if necessary.

Error messages

- "OU" stands for "over use". The main capacitor is defective and you must give the flash to a suitable specialist for repair.
- "OT", stands for "over time". The charging system is defective and you must hand the flash over to qualified personnel for repair.

If a problem persists, please contact your Jinbei dealer.

Technical data



We reserve the right to update functions or parameters without further notice.

Model:

Power:

Power control:

Flash mode:

Sync Mode:

Recycling time:

Flash duration (t=0.5):

Colour temperature:

Modelling light:

Modelling light control:

Radio receiver:

Flash release:

Cooling:

Other features:

Power supply:

Compatible Jinbei radio
remote controls:

Dimensions:

Weight:

Box Content:

Technical data

DMII-4	DMII-6
400 Ws / GN66	600 Ws / GN 80
M: 3.0 - 9.0 (1/64 - 1/1) setting in whole f-stops or in 1/10 steps	
M	
Normal	
0.1 - 0.9 s	0.1 - 1.0 s
1/800 - 1/2200 s	
5500 ± 200 K	
15 W LED (4100 K ± 200 K)	
Off proportional 100% full	
integrated 2.4 GHz (Frequency band: 2.402 – 2.480 GHz / max. radiated power: 6 dBm) 32 radio channels (0 - 31)	
16 groups (A, B, C, D, E, F, G, H, I, J, L, O, P, Q, S, U)	
Radio sync cable (3.5 mm mini jack DC 5 V) photocell (slave)	
Test flash trigger	
Fan Overheating protection	
LC display Ready indicator (acoustic, optical) Acoustic signal (can be switched off) Photocell on / off Overheating warning „OH	
Bowens S-type bayonet umbrella holder tripod mount (5/8")	
Carrying handle	
AC 195 - 245 V 50/60 Hz Fuse 15 A	
TR-Q6 C for Canon cameras TR-Q6 S for Sony cameras	
TR-Q6 F for Fujifilm cameras TR-Q6 N for Nikon cameras	
TR-Q7	
TR-V6 for cameras with standard ISO hot shoe	
TRS-V for cameras with standard ISO hot shoe	
27.0 x 13.5 x 20.5 cm (L x W x H)	
1.4 kg	1.6 kg
Jinbei DMII studio flash, protective cap, power cord and user manual	

Safety instructions

Danger from electric current!

Faulty electrical installations or excessive mains voltage can cause electric shock.

- Only connect the product if the mains voltage of the socket corresponds to the specifications on the type plate.
- Connect the product to an easily accessible power outlet so that you can quickly disconnect it from the mains in case of problems.
- Use only the supplied power cord.
- Do not use the product if it is visibly damaged or if the cable is defective.
- If the product or its accessories are damaged, they must be replaced or repaired by the manufacturer, its service department or a similarly qualified person to prevent hazards.
- The housing must not be opened and repairs must only be carried out by a qualified technician. To do this, contact a specialist workshop. Any liability and all warranty claims are excluded in the event of repairs by the user, improper connection or incorrect operation.
- If you do not use the product for a long period of time, always disconnect it from the power source.
- Protect the product from moisture. Do not touch the product with wet/damp hands or immerse it in water.
- This product is not waterproof! Do not use this product in the rain or in wet environments. Never touch the product during a thunderstorm.
- Before disconnecting the power, turn off the power at the main switch.
- Do not store or use the flash unit in locations where it is exposed to strong electromagnetic fields or dust. Keep the unit away from other sources of interference.
- Switch the flash unit off and disconnect it from the power supply when changing the flash tube.

Safety instructions

Attention!

- Never use the power cord as a carrying handle.
- Keep the product and accessories away from naked flames, hot surfaces and highly flammable materials.
- Lay the power cord so that it does not present a tripping hazard.
- Do not bend the power cord or lay it over sharp edges.

Attention!

Danger for children and persons with limited physical, sensory or mental abilities (e.g. partially disabled, older persons with limited physical and mental abilities) or lack of experience and know-how (e.g. older children).

- This product may be used by persons with reduced physical, sensory or mental abilities or lack of experience and know-how, provided that they are supervised or have received instructions for the safe use of the product and understand the potential hazards arising from its use. Children must not play with the product. The product must not be cleaned or maintained by children. Keep children under eight years of age away from the product and its accessories.
- Do not insert any objects into the product.
- Do not leave the product unattended during operation.
- The product is not a toy. Keep the product, accessories and packaging materials away from children and pets to prevent accidents and suffocation.
- For photographic lighting purposes only. Not suitable for permanent room lighting.

Safety Instructions

- Do not film car, bus, bicycle, motorbike or train drivers while driving with this product. The driver may be blinded and cause an accident. This also applies to unlisted persons or groups if possible glare could cause an accident.
- Do not shine directly into the eyes of people or animals as this may cause damage to the retina, visual disturbances and even blindness.
- Ensure adequate ventilation during operation. Never cover the ventilation slits of the unit.
- Do not use or store the unit in high temperatures or in closed rooms with direct sunlight. The product should not be used in ambient temperatures above 40°C.
- Please note that the flash tube, modelling light and a connected reflector can become very hot during operation. Do not touch these parts during or immediately after operation. Allow the unit components to cool down before replacing the flash tube or reflector.
- Handle glass parts such as the flash tube with care so that the glass is not broken. Do not touch the flash tube with bare hands, use clean cotton gloves or a microfibre cloth. Small residues of skin grease can cause the flash tube to burst.
- Make sure that the flash tilt lever is firmly tightened before using the unit and connecting accessories to it.
- Mount the flash unit on a tripod with sufficient load-bearing capacity and set up the tripod so that it cannot tip over or slip.
- Allow the flashgun to cool down before packing it for transport or storage.

Disposal



Dispose of the packaging according to its type. Use the local possibilities for collecting paper, cardboard and light packaging. (Applicable in the European Union and other European countries with systems for separate collection of recyclable materials.)



Devices marked with this symbol must not be disposed of with household waste! You are legally obliged to dispose of old appliances separately from household waste. Information on collection points that accept old appliances free of charge is available from your local authority or town council.

Conformity

RCP Handels-GmbH & Co. KG declares that the radio equipment types "Jinbei DMII-4 Studio Flash" and "Jinbei DMII-6 Studio Flash" comply with Directive 2014/53/EU.

The full text of the EU Declaration of Conformity is available at the following Internet addresses
<https://www.jinbei-deutschland.de/en/egk/dm-ii>



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