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walimex*pro*

Copy of Instruction Manual



Portable Ring Flash Set GXR-400 / GXR-600

Portable Flash Set GXR-400 / GXR-600

Flash Head for GXB-400 / GXB-600

Ring Flash GXR-400 / GXR-600

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We would like to thank you for your confidence and wish you much joy and success with your GXR/GXB series. The walimex pro GXR/GXB series was developed specifically for the ambitious beginner and for the professional user.

The walimex pro GXR/GXB series is extremely well-suited for mobile use für studio portrait, person, nude and product photography, among others.

The main features of your device are as follows:

- ideal on location when you have to work network-independently
- removable battery block with battery charger
- carrying strap on the powerpack



- **Please read these instructions carefully before using your device for the first time. It includes everything you need to know to avoid physical injuries and damages.**
- **Please pay attention to all safety notes in this instruction manual.**
- **Please keep this manual safe. If you are selling or leaving the device to another person, please ensure to hand this manual over as well.**

1. How to understand this instruction manual

1.1. Symbols on the device






This symbol means that your device meets the safety requirements of all relevant European Directives.



This symbol means that your device must be disposed of at local disposal areas.

1.2. Symbols in this manual

Symbol	Meaning
	Indicates the handling and consequences of safety notes.
 WARNING	Indicates a hazardous situation which, if not avoided, may result in a serious injury or death .
 CAUTION	Indicates a hazardous situation which, if not avoided, may result in minor or moderate injury.
<i>NOTE:</i>	Indicates potential material damage and other important information regarding your device.

2. Important Safety Notes

WARNING

Risk of retina damage

The flash light could damage the retina leading to the loss of vision, if the flash is triggered in close distance to persons or animals.

- Please do not trigger a flash in close distance to the eyes of persons or animals.
- Please ensure that the distance between persons and animals is at least 2m. Please avoid looking into the flash directly.

WARNING

Danger of crashing, crushing, burning, and fire due to device toppling over
The powerpack weighs approx. 3.1 kg, the charger approx. 0.48 kg, the ring flash approx. 3.1 kg and the flash approx. 0.74 kg. The modeling lamp, the flash tube and the reflector can heat up to 240 °C.

- Ensure that the device is always kept in a tilt- and skid-resistant position and stored securely.
- Keep out of reach of children and animals. They could knock over the device.
- Avoid placing cables where they could be tripped over. The device could be knocked over.
- Only mount the device on a tripod that is designed for the weight and dimensions of the device. See *Technical specifications*.

WARNING

Danger of electric shock, burn hazard

Please note that the device is still connected to the supply voltage when it is switched off. Only when you disconnect the device from the powerpack supply voltage by unplugging the power cord, it is really de-energized.

- Switch off the device when it is not in use.
- Switch off the device before assembly and maintenance and disconnect from power supply by unplugging the power cord and removing the battery.
- Discharge the device before maintenance measures.
- Protect your device against accidental power-on.
- Cut off voltage supply when not in use for a longer period of time by unplugging the power cord and removing the battery.

WARNING

Danger of electric shock, fire through short-circuit

A short circuit could be caused by defective cables and due to moisture or wetness among other causes. A short circuit can heat up the conductors resulting in the melting of their insulation or the conductors themselves. This could lead to fire.

- Please use exclusively the original cables, which are provided with the device. They are tuned for your device and guarantee the necessary safety for you and your device.

- Do not operate the device with wet hands or feet.
- Clean the device exclusively as described in this instruction manual.
- Ensure that cables and conductors are not damaged. Damage could be caused due to heat impact, chemical influence or due to mechanical impacts such as rubbing, bending, tearing, rolling over, or nibbling animals.
- Prevent your device from falling.
In the case of falling, please have an electrician check the device before switching it on again.
- If your device is damaged or if you notice a burning smell:
Disconnect the power supply immediately by unplugging the power cord and removing the battery. Never operate your device with a damaged casing, defective reflector, defective modeling lamp, defective flash tube or a damaged power cord. Do not open the device. Never repair the device on your own. Have the device repaired exclusively by an electrician
- Please follow this instruction manual for maintaining your device.
- Please only use spare parts which are conform to the required specifications. See *Technical specifications*.

⚠ WARNING

Danger of fire by overheating

The device can overheat if you operate it with mounted protection cap or with covered ventilation slots. The device itself or easily inflammable materials in close distance could catch fire.

- Do not operate the device with mounted protection cap.
- Do not cover the ventilation slots of the device during operation.
- Remove easily inflammable materials from the surroundings of the device.
- Please exclusively use spare parts, which are conform to the required specifications. See *Technical Specifications*.

⚠ WARNING

Danger of fire due to hot device components

The modeling lamp and flash tube could heat up to 240°C and the reflector up to 75°C. Easily inflammable materials could catch fire, if they get in contact with hot device components.

- Do not cover the ventilation slots of the device during operation.
- Remove easily inflammable materials from the surroundings of the device.

⚠ WARNING

Danger of burning on hot device components

The modeling lamp and flash tube could heat up to 240°C and the reflector up to 75°C.

- Do not touch device elements during use and during the cooling down phase.
- Allow for device to cool down for 30 minutes before beginning assembly or maintenance measures.

⚠ WARNUNG

Danger of cutting and splitting due to breaking modeling lamp or breaking or bursting flash tube

Even small residues of skin oil on the flash tubes can lead to the splitting of the flash tube, due to the high heat impact during operation. Broken glass can hurt eyes and skin.

- Treat the modeling lamp and flash tube carefully to avoid them from breaking.
- Do not touch the flash tube with bare hands. Use a clean cloth or clean gloves.
- Avoid touching the flash tube accidentally when mounting or changing accessories.
-

⚠ WARNING

The powerpack contains a rechargeable Ni-MH battery. Please pay attention to the safety and disposal notes in the manual and on the battery.

- Keep children away from the powerpack.
- Use exclusively the charger of the GXR/GXB series for charging the battery.
- Ideal environmental temperature 0-40°.
- Battery can get hot. Allow for it to cool off before you recharge it.
- Protect from moisture and wetness.
- To ensure an optimal battery life, charge the battery even when you are not using it every 3 months.
- After completing the charging process remove the battery power supply.
- Dispose of the battery at the manufacturer or a local disposal point.
- Only use the appropriate batteries for the powerpack

3. Unpack and check device

1. Please unpack the device carefully.
NOTE: Keep the packaging for later storage and transport of the device.
2. Please check if the scope of delivery is complete:
 - Article walimex pro Ring Flash Set GXR-400 / GXR-600
Article walimex pro Flash Set GXB-400 / GXB-600
 - 1 powerpack
 - 1 flash
 - 1 transport case
 - 1 battery
 - 1 power supply
 - 1 12V car cable

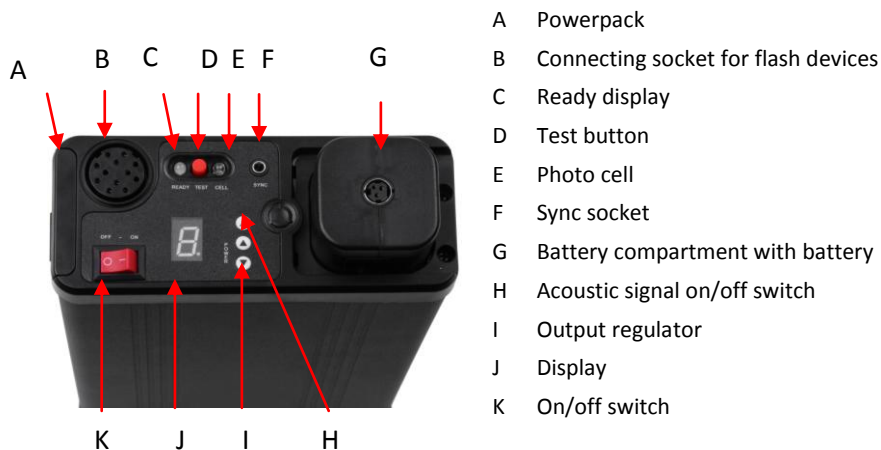
- 1 carrying bag with shoulder strap
- 1 sync cord
- remote trigger
- instruction manual

- Article walimex pro Flash GXB- 400 / GXB-600
 - 1 flash
 - 1 protective cap
 - 1 handle
 - Instruction manual
- Article walimex Ringblitz GXR-400 / GXR-600
 - 1 ring flash
 - 1 handle
 - Instruction manual

3. Please check if the scope of delivery is undamaged. *NOTE: If the scope of delivery is incomplete or damaged, please contact info@foto-walser.de or our service hotline with the telephone number +49 84 32 / 9489 - 0. We reserve the right to make technical and optical modifications in the course of product improvement.*

4. Operation of the device

4.1. Overview of device elements walimex pro Powerpack



- A Powerpack
- B Connecting socket for flash devices
- C Ready display
- D Test button
- E Photo cell
- F Sync socket
- G Battery compartment with battery
- H Acoustic signal on/off switch
- I Output regulator
- J Display
- K On/off switch

4.2. Overview of device elements walimex pro Flash GXB Series



- 1 Flash
- 2 Standard reflector
- 3 Flash tube
- 4 Modeling lamp
- 5 Release lever standard reflector
- 6 On/off switch modeling lamp
- 7 Locking screw tilt angle

4.3. Overview of device elements walimex pro Ring Flash GXR Series



- I Ring flash
- II Lamp
- III Handle
- IV Connecting cord to the powerpack
- V Holding rail for adjustment of height
- VI Holding rail for attachment to tripod and adjustment of depth

5. Quick-start guide

NOTE:

The detailed instruction for the following operations can be found in the respective chapters in this instruction manual.
Maintain the order of the following operating steps when using the device for the first time to avoid damaging the device.

⚠ WARNING

Please pay attention to the safety notes in the respective chapters throughout operation.

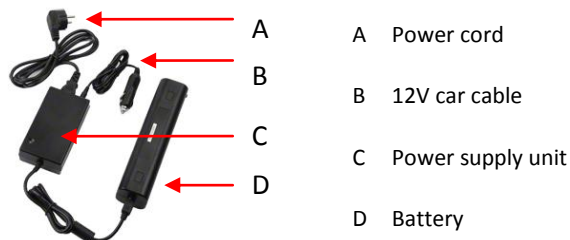
1. Charge/insert battery.
2. Mount/demount standard reflector flash.
3. Connect device to power supply / insert battery.
4. Switch on device.
5. Adjust modeling lamp.
6. Adjust flash output.
7. Adjust acoustic standby signal.
8. Prepare flash release.
9. Mount device to a tripod (optional).

6. Prepare powerpack for operation

6.1. Charge battery

⚠ WARNING

Pay attention to the safety notes from pages 4-8.



- Open the battery compartment lid on the powerpack.
- Pull the battery from the shaft of the powerpack.
- Connect your power supply unit to the electrical outlet and connect the plug to the battery.

Note: Compare the local power network with the connected load of the device. If the values differ, please contact info@foto-walser.de or Tel. +49 8432-94890.

- The battery is being charged.
- As soon as the battery is charged, the LED on the power supply unit switches from red to green.

6.2. Flash GXB Series

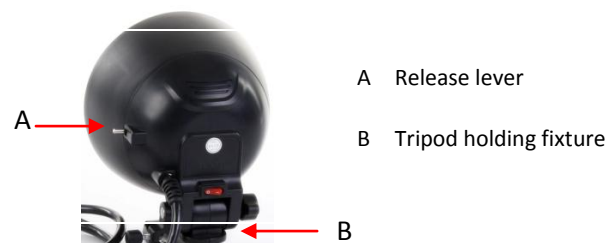
Mount and demount reflector:

⚠ WARNING

Danger of bursting of flash tube

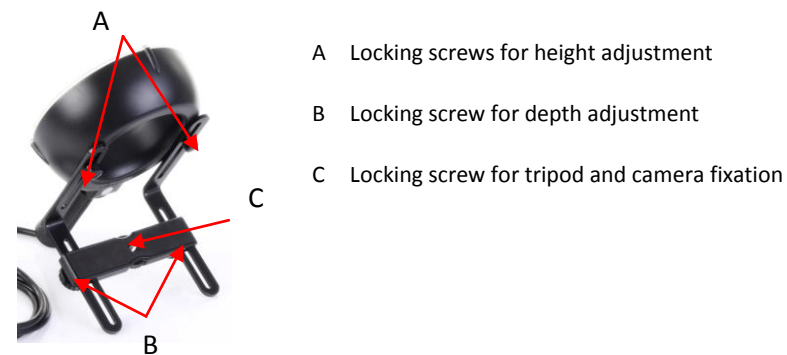
Ensure not to accidentally touch the flash tube with bare hands.

⚠ **WARNING! Danger of burning on reflector, modeling lamp and flash tube. Let the device cool down for approx. 30 minutes.**



- Switch off device.
See Switch device on and off.
- Allow for device to cool off.
- Demont reflector.
- Push back release lever and hold down.
- Insert reflector into the openings of the device.
- Turn reflector clockwise until it notably locks into place.
- Let go of release lever.

6.3. Ring Flash GXR Series



- For adjusting the height please open the corresponding locking screws.
- Adjust the device to the desired height.
- Tighten the locking wheel.
- For adjusting the depth please open the corresponding locking screws.
- Adjust the device to the desired depth.
- Tighten the locking wheel.
- In order to mount the device on the tripod and your camera, open the corresponding locking screw.
- Take your tripod or camera and tighten the locking wheel.

⚠ WARNING Only mount the device on a tripod that is designed for the weight and dimensions of the device. See *Technical specifications*.

⚠ WARNING Before each use ensure that the camera is mounted safely. Check all locking screws.

7. Connect flash to powerpack



A Connecting socket for flash devices

B On/off switch

- Switch on device.
See *Switch device on and off*.
- Unscrew protective caps.
- Plug connecting cable of the flash into the connecting socket of the powerpack.

8. Switch device on and off

- Switch device on:
Set main switch to I (ON).
- The display lights up when the adjusted flash output is reached. The READY indicator lights up.
- Switch off device:
Set main switch to 0 (OFF).
- All lights go out.

9. Adjusting the device

9.1. Adjust flash output

You can adjust the flash output of the flash heads steplessly from 1/1 full output to 1/8 using the output regulator.



A Sync socket

B Output regulator

9.2. Prepare and adjust flash trigger

Prepare flash trigger by camera

NOTE: Please pay attention to the manual of the camera manufacturer about flash synchronization.

1. Plug sync cable into connecting socket for the sync cable on the end of the device.
2. Plug other end of the sync cable into the X-socket of your camera.

Prepare flash trigger with a radio receiver

NOTE:

Pay attention to the user manual of the radio trigger manufacturer.

Plug cable of the radio receiver into the connective socket 3.5mm for the sync cable on the device.

Connect radio transmitter to hot shoe of camera.

10. Trigger flash

- Switch on device. See *Switch device on and off*.
- For check, trigger device with the test button (on the powerpack or on the radio remote trigger).
- Trigger flash according to the prepared method of flash trigger. See *Prepare and adjust flash trigger*.

11. Transportation and storage of the device

- Switch off device.
See *Switch device on and off*.
- Allow for device to cool down completely.
⚠ WARNING! Danger of fire due to hot device components. Allow for device to cool off completely.
- Demount connecting cables.
- Clean the device if necessary. See *Cleaning of the device*.
- Put the device and all demounted elements into the original Styrofoam packaging and transport and store them according to the requirements in the technical specifications. See *Technical specifications*.

12. Solve problems

Problem	Possible cause	Solution
Device is switched on but shows no function	Battery is not or not sufficiently charged/defective	Charge/exchange battery
Flash shows function but triggering a flash is not possible	Powerpack or flash device is defective	Contact Foto Walser customer service
	Flash tube is broken	Replace flash tube, if needed with electrically qualified person

13. Maintenance of the device

13.1. Continuous inspection and maintenance of the device

What you should do	Before each use
Check all cables and plugs for damages. If damaged: ⚠ WARNING! Danger of electric shock and fire due to short-circuit <i>Have the device/charger repaired by an electrician immediately.</i>	X

13.2. Cleaning the device

⚠ WARNING

Danger of bursting flash tube

Ensure not to touch the flash tube accidentally with bare hands.

⚠ WARNING

Danger of electric shock

Use exclusively the cleaning supplies as specified.

Never allow for the device to get in touch with wetness or water.

⚠ Always unplug power cord before cleaning the device. Remove battery.

Device component	Cleaning
Casing	Remove light and persistent stains with microfiber cloth
Modeling lamp, flash tube	Dab off with dust brush or dry, soft cloth <i>NOTE:</i> <i>Do not clean the modeling lamp and flash tube with water. Even small residues on the lamps can cause the lamps to burst</i>
Reflector	Remove stains with microfiber cloth

14. Accessories and options

You can find extensive accessories for your walimex pro studio flash in our webshop.

15. Spare parts

Device component	Item Number
Replacement Flash Tube GXB-400	17243

Device component	Item Number
Replacement Flash Tube GXB-600	17244
Replacement Ring Flash Tube GXR-400	17245
Replacement Ring Flash Tube GXR-600	17246
Battery for GXR/GXB 3000mAh	17247

16. Disposal and environment protection

Please dispose of your device free of charge at a local disposal area. Please pay attention to the disposal notes of the battery.

17. Technical specifications

Powerpack	
Dimensions (LxWxD)	approx. 25.5x17x7cm
Operating voltage	DC 12V
Charging voltage	220-240V
Output	600W
Adjustment range	approx. 2 f-stops, 1/1-1/4 in 9 steps
Flash releases	up to approx. 140 (at max. output)
Weight	approx. 3100g
Radio Trigger	433Mhz
Battery	
Dimensions(LxWxH)	approx. 21.5x5cm
Type	Ni-Mh
Charging time	approx. 4 hours
Capacity	3000mAh
Weight	approx. 770g

Ring Flash GXR	
Output GXR-400 / 600	400Ws / 600Ws
Color temperature	5400-5600K
Cable length	approx. 140cm
Power supply	via powerpack DC12V
Weight	approx. 740g
Material	plastic, metal

Flash GXB	
Output GXB-400 / 600	400Ws / 600Ws
Flash tube	„plug-in“, can be replaced by the user
Power supply	via powerpack DC12V
Cable length	approx. 160cm
Dimensions (LxWxH)	approx. 17x17x10cm
Weight	approx. 1600g

Reference to declaration of conformity:

“Herewith Foto Walsler GmbH & Co. KG declares that the device Radio Remote Trigger conforms to the basic requirements and the remaining corresponding regulations of the directive 1999/5/EG.” The declaration of conformity can be requested at the following address: info@foto-walsler.de