

STG-4

Zoom lens controller

Description

The STG-4 is a zoom lens controller to provide remote control for motorized PENTAX zoom lenses. The control elements for zoom, focus and iris are with bi-directional keys with a neutral central position. For the 3 functions mentioned the adjustment speed can be set by moving the selector switch. PENTAX-lenses with optional iris remote control (D/A – converter) could be switched automatically and manually. The D/A-Converter is controlled by a 12V voltage (manual remote and ground). By changing the polarity the iris is opened or closed. Additionally the STG-4 with the PENTAX zoom lens H55ZME-5F swing in or swing out the internal extender.

Technical characteristics

Input voltage (power supply unit):	230V AC/50Hz
Input voltage/STG-4:	12V
Output voltage for motors:	12V
Power switch:	ON/OFF, indication with power-LED
Operating temperature:	-15°C...+55°C
Dimensions:	H: 80mm, W: 115mm, D: 205mm
Weight:	ca. 350g (without power supply unit)

Wiring

PIN/ Zoom lens control

Pin Function

Pin 1 } Focus
Pin 2 } White + near
Pin 3 } Zoom
Pin 4 } Red + Tele
Pin 5 } Iris
Pin 6 } Yellow + open
Pin 7
Pin 8 } Iris Auto/Manual
Pin 9 }
Pin 10
Pin 11
Pin 12
Pin 13
Pin 14 } 2 x Extender
Pin 15 }

PIN/zoom (3mot.) Type 5

Pin 3 (white)
Pin 4 (blue)
Pin 1 (green)
Pin 2 (red)
Pin 5 (yellow)
Pin 6 (brown)

PIN/H55ZME-5F

Pin 1 (white)
Pin 2 (blue)
Pin 3 (red)
Pin 4 (green)
Pin 5 (yellow)
Pin 6 (brown)
Pin 8 (violet)
Pin 9 (black)
Pin 14 (white/red)
Pin 15 (white/black)

Packing contents of

- STG-4
- Power supply unit
- 1 x connection plug kit
- Specification



Safety guidelines

Please read these safety guidelines carefully before using this device!

Please follow all indications of the operating instruction (manual) in order to obtain the best performance. Keep this manual for future consultations.

1. Power

The device must be connected with the delivered power supply unit on the supply voltage which is indicated in the manual or on the motorized zoom lens controller. The device is provided from the factory with an operating voltage of 230V, 50 Hz. Other kind of operating voltage and power line frequency are manufactured by the factory only for special orders.

2. Connection plug

All connection plugs must be connected in a way in order to avoid a danger and cause an accident by others objects. Specially be careful with the plug, the socket and the respective end of the mains cable.

3. Ventilation

The zoom lens controller must be installed in order to ensure good ventilation. The device must be 10cm far away from the wall. Do not store objects (liquids, magazines, etc...) on the device.

4. Water and humidity

Do not use the device near water, bath, washbasins, dishwasher, wet areas, swimming pool, or damp areas.

5. Temperature

The device will not work correctly out of the operating temperature. The ideal operating temperature is +5°C (see technical characteristics).

6. Warmth

Do not install the device near heat sources like heater blowers, heaters, ovens or other devices, which produce warmth.

7. Electrical shocks

When metal objects (for example hairpin, needle or coins) get into the zoom lens controller, it could cause a dangerous electrical short circuit. Be careful that the children don't put metal objects into the device.

8. Opening of the housing

Do not open the housing. During contact of the parts inside it exists a risk of electrical shock. Manipulations or change the fuse has to be made by a qualified technician.

9. Cleaning

To clean the housing does not use solvents such as alcohol, dilution products, petrol etc. To clean the device use only a dry cloth.

10. No use for a long time

If the device is not used during long time, the power supply unit should be removed from the outlet.

11. Unusual smells

If unusual smells or smokes appear switch off immediately the voltage supply and the mains cable from the socket. Contact your trader or a qualified person.

12. Repairs

The user should not make alone some maintenance other than the instructions from the manual. All maintenances and repairs must be made by a qualified technician.

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Design and technical characteristic modifications are subject to change without notice and without any obligation on the part of the manufacturer.