

LA5



ALGE-TIMING

Manual

Important Information

General

Before using your **ALGE-TIMING** device read the complete manual carefully. It is part of the device and contains important information about installation, safety and its intended use. This manual cannot cover all conceivable applications. For further information or in case of problems that are mentioned not at all or not sufficiently detailed, please contact your **ALGE-TIMING** representative. You can find contact details on our homepage www.alge-timing.com

Safety

Apart from the information of this manual all general safety and accident prevention regulations of the legislator must be taken into account.

The device must only be used by trained persons. The setting-up and installation must only be executed according to the manufacturer's data.

Intended Use

The device must only be used for its intended applications. Technical modifications and any misuse are prohibited because of the risks involved! **ALGE-TIMING** is not liable for damages that are caused by improper use or incorrect operation.

Power supply

The stated voltage on the type plate must correspond to voltage of the power source. Check all connections and plugs before usage. Damaged connection wires must be replaced immediately by an authorized electrician. The device must only be connected to an electric supply that has been installed by an electrician according to IEC 60364-1. Never touch the mains plug with wet hands! Never touch live parts!

Cleaning

Please clean the outside of the device only with a smooth cloth. Detergents can cause damage. Never submerge in water, never open or clean with wet cloth. The cleaning must not be carried out by hose or high-pressure (risk of short circuits or other damage).

Liability Limitations

All technical information, data and information for installation and operation correspond to the latest status at time of printing and are made in all conscience considering our past experience and knowledge. Information, pictures and description do not entitle to base any claims. The manufacturer is not liable for damage due to failure to observe the manual, improper use, incorrect repairs, technical modifications, use of unauthorized spare parts. Translations are made in all conscience. We assume no liability for translation mistakes, even if the translation is carried out by us or on our behalf.

Disposal

If a label is placed on the device showing a crossed out dustbin on wheels (see drawing), the European directive 2002/96/EG applies for this device.

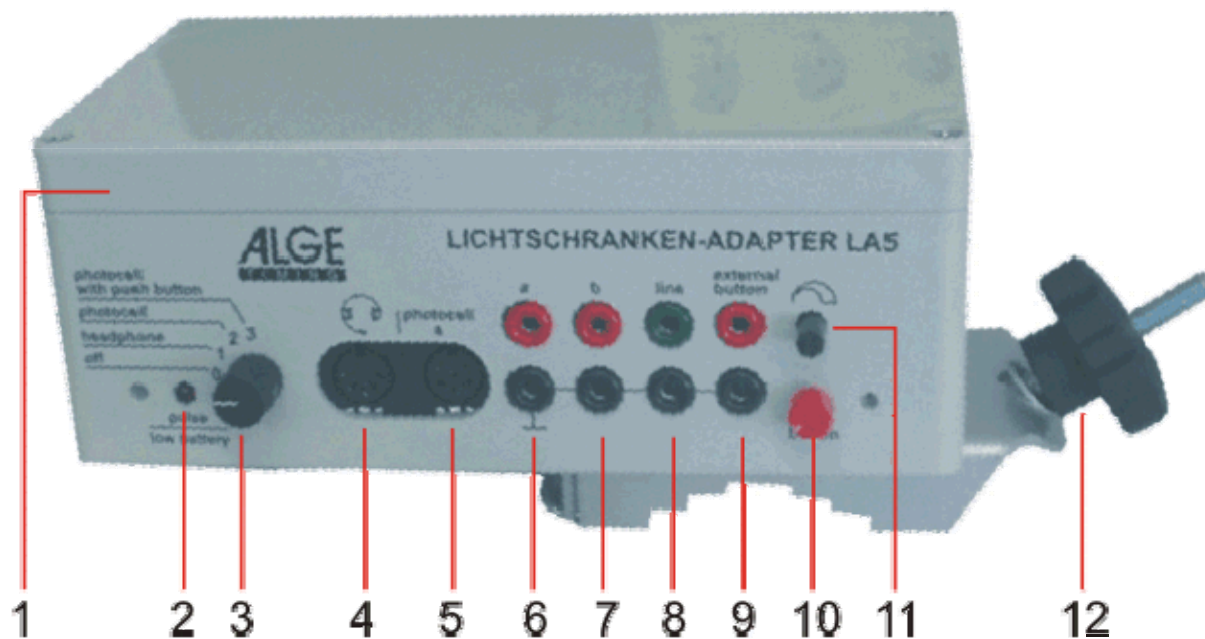
Please get informed about the applicable regulations for separate collection of electrical and electronical waste in your country and do not dispose of the old devices as household waste. Correct disposal of old equipment protects the environment and humans against negative consequences!



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Control elements



- 1 Removable Case Top (four screws) to change the batteries
- 2 Control LED
- 3 Rotation Switch
- 4 Headset DIN-Connector
- 5 Impulse Device DIN-Connector
- 6 Impulse Device A Banana Plug
- 7 Impulse Device B Banana Plug
- 8 Line to the Timing Device
- 9 External Push Button Banana Plug
- 10 Internal Push Button
- 11 Volume for Headset
- 12 Bracket to fasten Photocell Adapter LA5

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Subject to alterations

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1 Device description

The **ALGE** Photocell Adapter LA5 is used if you have big distances between the photocell and the timing device. For the LA5 you need only a two core cable. At the LA5 you can e.g. connect a impulse device (e.g. photocell). The LA5 has also an integrated speech amplifier that allows to communicate with the operator of the timing device.

2 Batteries

The LA5 has 6 Baby batteries to run the internal speech amplifier and to supply external impulse devices (e.g. photocell).

For the LA5 you need 6 pieces Alkaline Batteries, C-Type (Baby), 1.5 V

Low Batteries:

If the battery level is low the LED (2) will start to blink (red blinking light) and at the same time you will hear a beep. The low level warning is activated if the battery voltage is below 6.3 VDC.

To change the batteries open the four screws on the top of the cover. Please insert the batteries with the right polarity as shown on the sketch in the battery compartment.



3 Function

The LA5 has different functions. The function you can select with the rotation switch (3).

3.1 *Position 0 – off*

If the rotation switch (3) is on this position 0 – off, than the LA5 is switched off. If you do not use the LA5 put it on this position, otherwise the battery will be empty when needed next time.

3.2 *Position 1 - headphone*

If the rotation switch (3) is on position 1- headset, it will allow you to talk through the headset. The timing function is not activated.

3.3 *Position 2 - photocell*

If the rotation switch (3) is on position 2 – photocell, it will allow you to talk through the headset. The timing function is now activated. If you want to switch the impulse function of the trigger device (e.g. photocell) off, than press the internal push button (10) or a external push button connected to banana plug (9).

3.4 *Position 3 – photocell with push button*

If the rotation switch (3) is on position 3 – photocell with push button, it will allow you to talk through the headset. The timing function is now only activated if you press the push button. If you want to switch the impulse function of the trigger device (e.g. photocell) on, than press the internal push button (10) or a external push button connected to banana plug (9).

4 Headset

It is possible to connect a headset from ALGE. The speech amplifier is built into the LA5. If you have on the other side of the cable connected to “line” (8) a timing device with a headset, than you can communicate. The impulse transmission and the speech transmission is on the same cable.



ALGE Headset HS2-2



ALGE Headset HS2-1

5 Impulse Connectors

At the LA5 you can connect different impulse devices. To connect impulse devices we have a DIN-connector (5) and two banana connectors (6 + 7).

The most common will be an ALGE photocell. If using an ALGE photocell you can use the DIN-connector and supply the photocell direct from the LA5.

Impulse Channel DIN-Plug Photocell plug (5)

Pin assignment:

- 1 impulse A channel
- 2 impulse B channel
- 3 GND... common ground
- 4 +Ua ... external power supply in 6.5 -15 VDC
- 5 +5V ... stabilized voltage out (+5 VDC)
- 6 empty

