



These safety information / quick guide and the applicable digital operating manual (*original operating instructions*) provide important safety information for protection against hazards. Always read both documents thoroughly before using the device and retain them for future reference.

The digital operating instructions are available for download as a PDF file. Source: www.pfannenbergl.com/manuals or simply scan the adjacent QR code. You will need the item number of the device indicated on the type plate for the download.

| Danger source | Danger | Degree of risk / Possible consequences / Countermeasures |
|--|---|---|
| <p>Fundamental safety information disregarded</p> <p>The following applies to all work on voltage-carrying equipment: Only qualified personnel are allowed to work on electric devices!</p> |  | <p>DANGER - Danger to life due to electric shock</p> <p>Voltage-carrying devices and exposed connection cables may cause electric shocks and serious accidents.</p> <ul style="list-style-type: none"> ➤ Only trained and authorized electricians may work on electrical connections. ➤ Disconnect all supply lines from the mains before installation and secure them against reconnection. Always ensure absence of voltage. ➤ Wait 5 minutes for the electrical components to discharge after switching off the operating voltage. The device should only be opened afterwards. ➤ The operating voltage must only be applied when the housing is firmly closed. |
| <p>Intended use disregarded</p> <p>Description of use disregarded.</p> |  | <p>WARNING - Danger due to unauthorized use of the devices</p> <p>Improper use may lead to serious accidents.</p> <ul style="list-style-type: none"> ➤ Ensure that the connection cable is protected against pulling and twisting during installation. ➤ The devices are only intended for fixed installation. <p>To ensure long-term function:</p> <ul style="list-style-type: none"> ➤ Do not mount the bell mouth pointing upwards in dusty environments or outdoors. |
| <p>Type plate information disregarded</p> |  | <p>DANGER - Hazard due to damage to the devices</p> <p>Non-compliance with the information on the type plate can lead to serious accidents.</p> <ul style="list-style-type: none"> ➤ Always observe the information on the type plate when installing and servicing the devices. |
| <p>Installation/ maintenance work</p> |  | <p>CAUTION - Risk of injury due to sharp edges or heated components</p> <ul style="list-style-type: none"> ➤ Wear gloves during any installation, assembly or service/maintenance work. ➤ Perform wiring tasks at a distance from sharp edges, corners and internal components. |
| <p>High volume of the sounder. High brightness of the flash function when using sounder/flashing light combination.</p> |  | <p>CAUTION - Impairment of hearing / vision</p> <ul style="list-style-type: none"> ➤ Wear sound insulation equipment during work/testing to prevent hearing impairment. ➤ Avoid constant, direct glances into the activated lights to prevent impairment of vision |

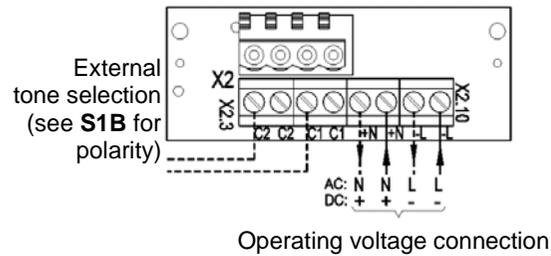
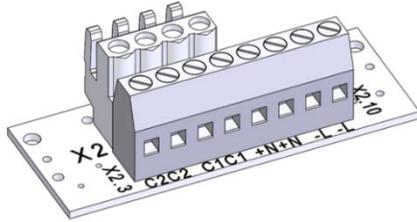
DANGER - Indicates an unusually high-level hazardous situation. Non-compliance with this warning may result in serious irreversible injury or death.

WARNING - Indicates an unusually high-level hazardous situation. Non-compliance with this warning may result in serious, irreversible or fatal injury.

CAUTION - Indicates a hazardous situation. Non-compliance with this warning may result in minor or moderate injury.

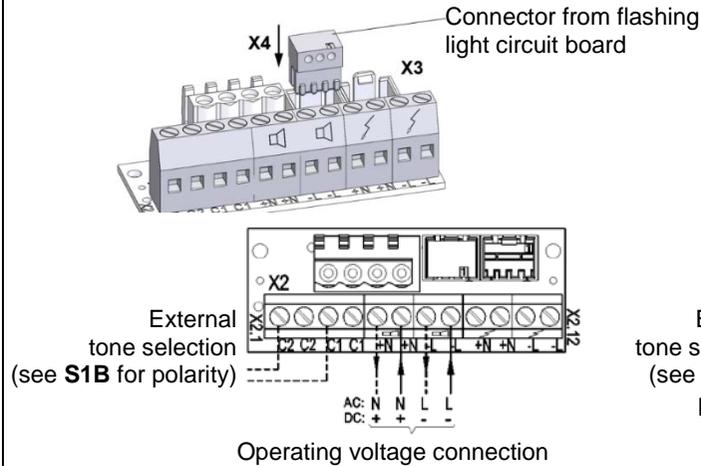
Electrical connection: (Circuit board in lower part)

PA 1/ PA 5

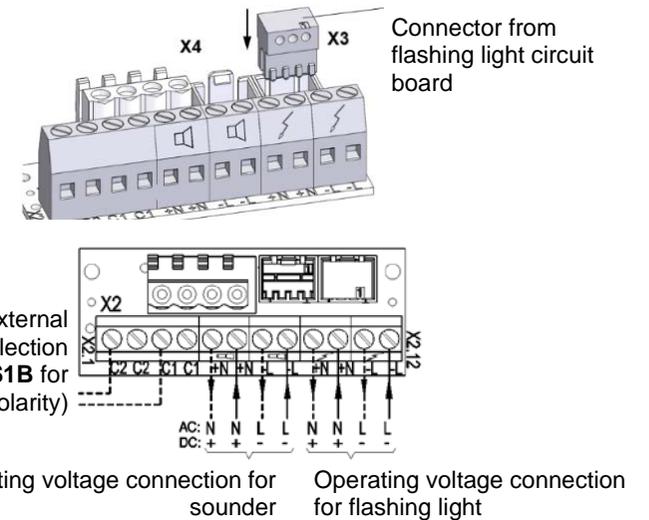


PA X 1-05 / PA X 5-05 / ..10

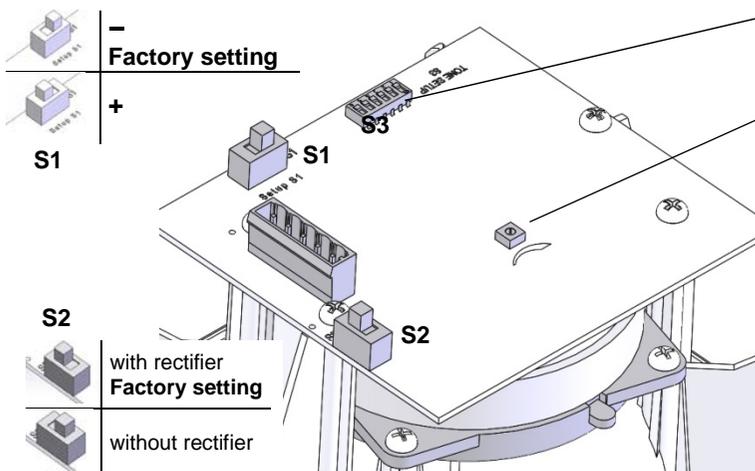
Common connection of flashing light and sounder (factory setting)



Separate connection of flashing light and sounder



Tone settings (circuit board in the upper part)
DC version



S3 Tone selector switch

Volume control

Note:

The volume control must be in the maximum position in order to conform to EN54-3.

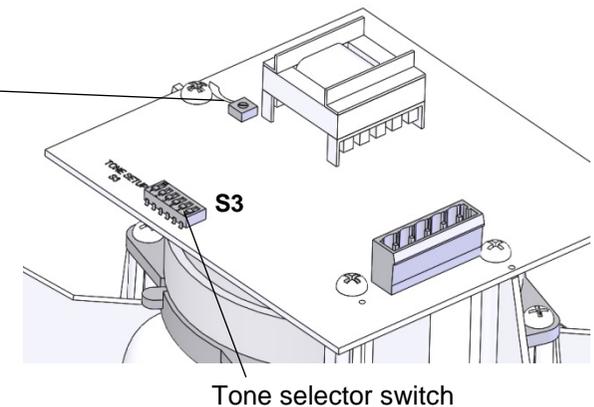
PA 10: in maximum position

PA 20: in the factory-set and secured position

S1: Selection of control voltage polarity for C1 and C2 (external control)

S2: Bridging Rectifier (external control)

AC version



The desired tone can be selected using the S3 tone selector switch. The tone is generated after the supply voltage is applied. A complete tone type table can be found in the Annex. See the digital operating instructions for the external control of other tones, source: www.pfannenberg.com/manuals.