# Quick Guide PA 1-R / PA L 1-R

IP 66 | 105 dB | -25°C +50°C

**PA 1-R** **23380xxxxxx**



**PA L 1-R** **23383xxxxxx**



**Replacement screw for UL devices (Lens lock)**

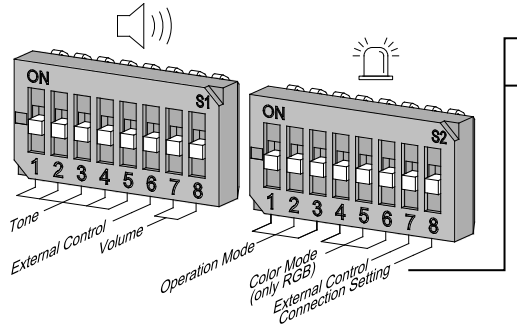

**Pfannenberg**
ELECTRO-TECHNOLOGY FOR INDUSTRY

**Pfannenberg GmbH**
Werner-Witt-Straße 1 · D- 21035 Hamburg
Tel.: +49/ (0)40/ 734 12-0
Fax: +49/ (0)40/ 734 12-101
service@pfannenberg.com
http://www.pfannenberg.com


| | |
|---|---|
| *DE* | **Spannungsführende Geräte und freiliegende Anschlussleitungen können Stromschläge erzeugen und schwere Unfälle verursachen.**<br>Arbeiten an elektrischen Anschlüssen dürfen nur elektrotechnisch geschulte und autorisierte Fachkräfte durchführen. |
| *EN* | **Live equipment and exposed connecting cables can generate electric shocks and cause serious accidents.**<br>Work on electrical connections may only be carried out by electrotechnical trained and authorised specialists. |
| *FR* | **Les appareils sous tension et les câbles de raccordement exposés peuvent provoquer des chocs électriques et entraîner des accidents graves.**<br>Seuls des spécialistes formés en électrotechnique et autorisés peuvent effectuer des travaux sur les raccordements électriques. |
| *IT* | **Le apparecchiature sotto tensione e i cavi di collegamento esposti possono generare scosse elettriche e causare gravi incidenti.**<br>Gli interventi sui collegamenti elettrici devono essere eseguiti esclusivamente da personale elettrotecnico specializzato e autorizzato. |
| *RU* | **Находящееся под напряжением оборудование и оголенные соединительные кабели могут вызвать поражение электрическим током и стать причиной серьезных аварий.**<br>Работы с электрическими соединениями должны выполняться только специалистами, прошедшими электротехническое обучение и имеющими соответствующий допуск. |
| *PT* | **Equipamentos energizados e cabos de conexão expostos podem gerar choques elétricos e causar acidentes graves.**<br>O trabalho em conexões elétricas só pode ser realizado por especialistas eletrotécnicos treinados e autorizados. |

## Connection and Settings PA (L) 1-R

**Factory Setting**




**Details S1 on Page 2**

| AC / DC | | | | |
|---|---|---|---|---|
| S2:8 Connection Setting | | | | |
| Connector Marking | OFF | | ON | |
| L / + | L / + | | L / + | |
| N / - | N / - | | N / - | |
| C2 | C2 | | L / + | |
| C1 | C1 | | C1 | |

## PA L 1-R

**no external control (C1, C2) / no external control for variant LV 18V – 53V AC**

| S2 (DIP2) 1 | 2 | 3 | Operating mode | S2 (DIP2) 4 | 5 | 6 | 7 | 8 | Color mode (only RGB) |
|---|---|---|---|---|---|---|---|---|---|
| | | | Flashlight 1Hz* | | | | OFF | | Red* |
| ON | | | Flashlight 2Hz | ON | | | | | Yellow |
| | ON | | Flashlight 1Hz DF** | | ON | | | | Amber |
| ON | ON | | Blinking light 0,5Hz | ON | ON | | | | White |
| | | ON | Blinking light 1Hz | | | ON | | | Green |
| ON | | ON | Blinking light 2Hz | ON | | ON | | | Blue |
| | ON | ON | Continuous light | | ON | ON | | | Violet |
| ON | ON | ON | Rotating light 180U/min | ON | ON | ON | | | Magenta |

**with external control (C1, C2) / no external control for variant LV 18V – 53V AC**

| S2 (DIP2) 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | $\overline{C1}+\overline{C2}$ (not active) | C1 | C2 | C1+C2 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ON | | Standby | Flashlight 1Hz | Continuous light | Blinking light 1Hz |
| ON | | | | | | | | Flashlight 1Hz | Blinking light 1Hz | | Continuous light |
| | ON | | | | | | | Flashlight 2Hz | Continuous light | | Blinking light 1Hz |
| ON | ON | | | | | | | Continuous light | | | Flashlight 1Hz DF** |
| | | ON | | | | | | Blinking light 1Hz | Flashlight 1Hz | | Rotating light 60U/min |
| ON | | ON | | | | | | Blinking light 2Hz | Flashlight 1Hz DF** | | Flashlight 1Hz |
| | ON | ON | | | | | | Continuous light | Continuous light | | Continuous light |
| ON | ON | ON | | | | | | Rotating light 180U/min | | | Blinking light 1Hz |

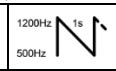
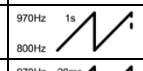
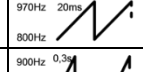
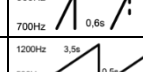
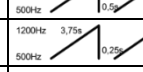
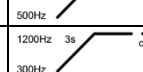
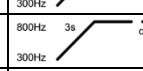
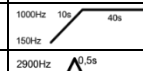
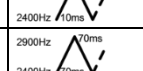
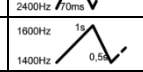
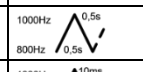
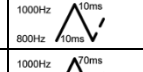
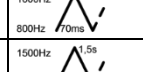
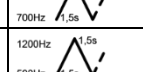
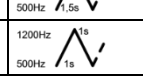
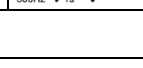
**Color mode (only RGB) / no external control for variant LV 18V – 53V AC**

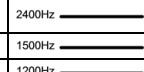
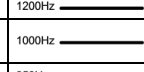
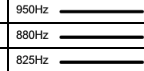
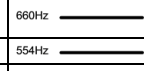
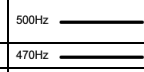
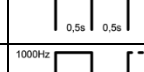
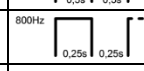
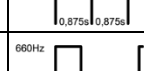
| S2 (DIP2) 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | $\overline{C1}+\overline{C2}$ (not active) | C1 | C2 | C1+C2 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ON | | Red | Green | Blue | Yellow |
| | | | ON | | | | | Yellow | Red | Green | White |
| | | | | ON | | | | Amber | Red | Green | Blue |
| | | | ON | ON | | | | White | Yellow | Green | Red |
| | | | | | ON | | | Green | Red | Yellow | Blue |
| | | | ON | | ON | | | Blue | Amber | Red | Green |
| | | | | ON | ON | | | Green | Yellow | Red | Red |
| | | | ON | ON | ON | | | Magenta | Red | Green | Yellow |

Factory Setting* DF**=DoubleFlash

# Quick Guide PA 1-R / PA L 1-R

## Tonartentabelle/ Tone table/ Tableau de sons/ Tabella suoni/ „Таблица звуковых тонов“

| Grund-Ton-Nr. (♪) | Description | |
|---|---|---|
| 1 | Kein Ton/ Silence/ Pas de son/ Nessun suono | |
| 2 | Saw tooth, Germany DIN 33404-3 (emergency signal), PFEER PTAP |   |
| 9 | Slow whoop, fire alarm, UK BS5839-1 |   |
| 11 | Whoop (fast) |   |
| 13 | Whoop |   |
| 15 | Slow whoop, evacuation, Netherlands NEN 2575 |   |
| 16 | Slow whoop, evacuation Australia AS2220 |   |
| 18 | Slow whoop, NFPA |   |
| 22 | Whoop, Australia AS1670, ISO8201 |   |
| 23 | Siren |   |
| 24 | Siren |   |
| 25 | Siren |   |
| 26 | Industrial alarm (Germany) |   |
| 27 | Sweeping |   |
| 29 | Sweeping (fast) |   |
| 30 | Sweeping |   |
| 31 | Sweeping, France NF C 48-265 |   |
| 33 | Sweeping, UK BS5839-1 (medium sweep) |   |
| 34 | Sweeping (fast) |   |
| 35 | Sweeping, UK BS5839-1 (fast sweep) |   |
| 36 | Sweeping |   |
| 43 | Sweeping |   |
| 44 | Sweeping, IMO 3d, Germany KTA3901 evacuation |   |

| | | |
|---|---|---|
| 46 | Sweeping, Finland General Alarm |   |
| 52 | Continuous |   |
| 54 | Continuous, Finland All Clear |   |
| 55 | Continuous |   |
| 56 | Continuous, PFEER (Gas alarm) |   |
| 57 | Continuous, UK BS5839-1 |   |
| 59 | Continuous |   |
| 60 | Continuous |   |
| 61 | Continuous |   |
| 63 | Continuous |   |
| 65 | Continuous, Sweden SS031711 (All Clear) |   |
| 66 | Continuous |   |
| 67 | Continuous, Germany KTA3901 (All Clear) |   |
| 68 | Continuous |   |
| 69 | Continuous |   |
| 71 | Continuous |   |
| 77 | Intermittent |   |
| 82 | Intermittent, PFEER (General Alarm), UK BS5839-1 (Back-up Alarm) |   |
| 83 | Intermittent, PFEER (General Alarm) |   |
| 88 | Intermittent |   |
| 90 | Intermittent |   |
| 91 | Intermittent |   |
| 92 | Intermittent |   |
| 93 | Intermittent (fast), electromechanical horn |   |
| 100 | Intermittent, Industrial Alarm (Germany) |   |
| 101 | Intermittent, Sweden SS031711 (Important Message (Pre Mess)) |   |
| 102 | Intermittent, Sweden SS031711 (Local Warning) |   |
| 103 | Intermittent, Sweden SS031711 (Air Raid) |   |
| 104 | Intermittent, Sweden SS031711 (Imminent Danger) |   |
| 107 | Intermittent, Germany KTA3901 (evacuation) |   |
| 109 | Intermittent, Australia AS2220,AS1610, AS1670 |   |

| | | |
|---|---|---|
| 111 | Intermittent, ISO8201 (emergency evacuation signal), USA (evacuation) |   |
| 112 | Intermittent, ISO8201 (emergency evacuation signal) |   |
| 122 | Alternating |   |
| 123 | Alternating |   |
| 124 | Alternating, Singapore |   |
| 125 | Alternating |   |
| 128 | Alternating |   |
| 130 | Alternating, UK BS5839-1 (Fire Alarm) |   |
| 131 | Alternating, UK BS5839-1 (Fire Alarm, Level crossing) |   |
| 143 | Alternating, Germany Industrial Alarm |   |
| 146 | Alternating, France NFS 32-001 (fire alarm) |   |
| 147 | Alternating, Sweden SS031711 (turn out) |   |
| 160 | Continuous (do not use in combination with continuous light) |   |
| 161 | Continuous |   |
| 162* | Intermittent |   |
| 163 | Intermittent |   |
| 164 | Slow whoop |   |

## Ansteuerung der Töne/ Selection of the tones/ Activation des sons/ Controllo dei toni / Управление звуко-выми тонами

| Selector switch **S1** (DIP1) (Adjusting the base tone) | | | | | | External Tone Control | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | C1+C2 | C1 | C2 | C1+C2 |
| | | | | | | **S1:6 OFF** | **S1:6 ON** | | | |
| 1 | 2 | 3 | 4 | 5 | | Tone | Tone | Tone | Tone | Tone |
| | | | | | | 162* | 162 | 124 | 54 | 83 |
| ON | | | | | | 2 | 2 | 128 | 112 | 57 |
| | ON | | | | | 9 | 9 | 57 | 11 | 82 |
| ON | ON | | | | | 15 | 15 | 131 | 52 | 112 |
| | | ON | | | | 18 | 18 | 111 | 57 | 68 |
| ON | | ON | | | | 22 | 22 | 16 | 109 | 68 |
| | ON | ON | | | | 24 | 1 | 1 | 1 | 131 |
| ON | ON | ON | | | | 26 | 1 | 1 | 100 | 83 |
| | | | ON | | | 27 | 27 | 123 | 52 | 82 |
| ON | | | ON | | | 29 | 29 | 35 | 52 | 61 |
| | ON | | ON | | | 36 | 36 | 146 | 67 | 57 |
| ON | ON | | ON | | | 54 | 54 | 46 | 54 | 122 |
| | | ON | ON | | | 56 | 56 | 82 | 35 | 33 |
| ON | | ON | ON | | | 60 | 60 | 131 | 52 | 125 |
| | ON | ON | ON | | | 63 | 63 | 43 | 69 | 30 |
| ON | ON | ON | ON | | | 71 | 71 | 131 | 52 | 93 |
| | | | | ON | | 82 | 82 | 131 | 52 | 83 |
| ON | | | | ON | | 83 | 83 | 56 | 13 | 82 |
| | ON | | | ON | | 100 | 100 | 131 | 52 | 125 |
| ON | ON | | | ON | | 102 | 102 | 59 | 66 | 34 |
| | | ON | | ON | | 103 | 103 | 131 | 65 | 147 |
| ON | | ON | | ON | | 104 | 104 | 103 | 65 | 101 |
| | ON | ON | | ON | | 112 | 112 | 2 | 57 | 128 |
| ON | ON | ON | | ON | | 123 | 123 | 27 | 52 | 77 |
| | | | ON | ON | | 130 | 130 | 2 | 107 | 67 |
| ON | | | ON | ON | | 131 | 131 | 23 | 112 | 57 |
| | ON | | ON | ON | | 146 | 146 | 31 | 66 | 57 |
| ON | ON | | ON | ON | | 160 | 160 | 82 | 35 | 33 |
| | | ON | ON | ON | | 161 | 161 | 143 | 90 | 25 |
| ON | | ON | ON | ON | | 163 | 163 | 55 | 91 | 44 |
| | ON | ON | ON | ON | | 164 | 164 | 53 | 152 | 45 |
| ON | ON | ON | ON | ON | | 1 | 1 | 2 | 88 | 57 |

| S1 (DIP1) | | Volume |
|---|---|---|
| 7 | 8 | dB |
| | | max.* |
| ON | | -7 |
| | ON | -13 |
| ON | ON | -20 |



www.pfannenberg.com/disposal




586050015