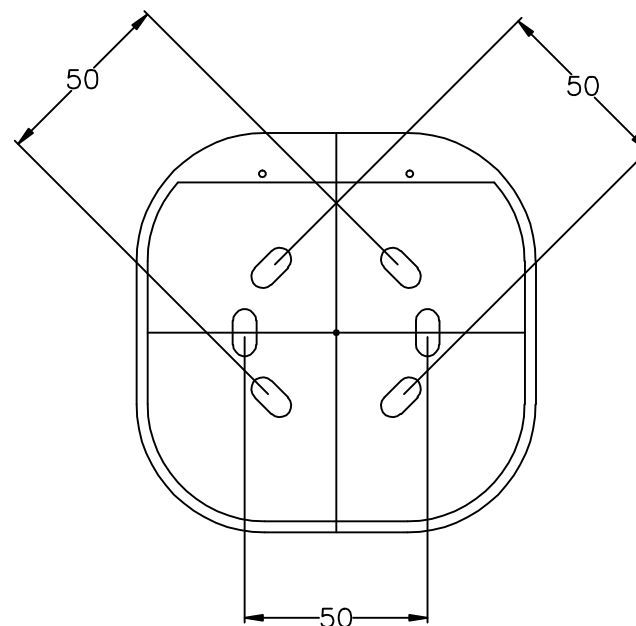
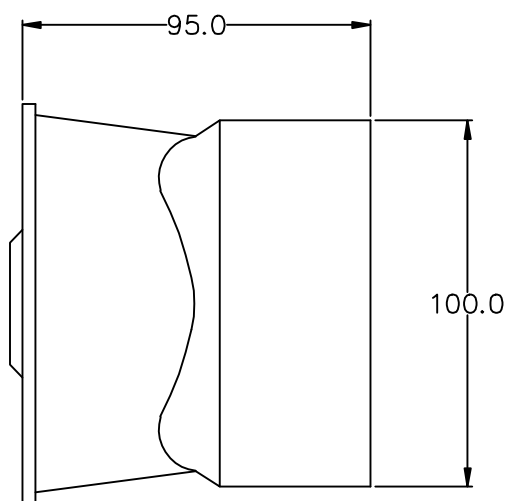
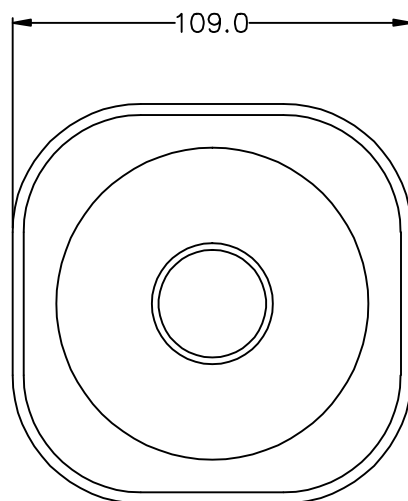


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## SPECIFICATIONS

| PARAMETERS              | VALUES            | UNITS |
|-------------------------|-------------------|-------|
| RATED VOLTAGE           | 24                | Vdc   |
| OPERATING VOLTAGE RANGE | 9 ~ 28            | Vdc   |
| CURRENT CONSUMPTION     | SEE 32 TONE CHART | —     |
| OUTPUT TONE             | SEE 32 TONE CHART | —     |
| INGRESS PROTECTION      | IP42              | —     |
| COLOR                   | RED               | —     |
| OPERATING TEMPERATURE   | -25 ~ +55         | °C    |
| HOUSING MATERIAL        | ABS               | —     |
| WEIGHT                  | 580               | grams |

| REVISIONS |                           |          |          |
|-----------|---------------------------|----------|----------|
| LTR       | DESCRIPTION               | DATE     | APPROVED |
| —         | RELEASED FROM ENGINEERING | 12/20/05 |          |
| A         | ADDED RoHS NOTE           | 5/22/07  | R.W.     |



### NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SPECIFICATION SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE.
3. THIS PART IS RoHS 2002/95/EC COMPLIANT.

FILE NAME  
AW30SBR.DWG

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN  
MILLIMETERS, TOLERANCES ARE  $\pm 0.5$  AND  
ANGLES ARE  $\pm 3^\circ$ .

| APPROVALS            | DATE  |
|----------------------|-------|
| DRAWN <i>J.A.F.</i>  | 12/05 |
| CHECKED <i>E.P.</i>  | 12/05 |
| APPROVED <i>B.R.</i> | 12/05 |
| DO NOT SCALE DRAWING |       |



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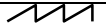
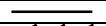
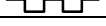
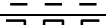
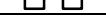
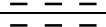
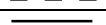
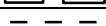
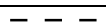
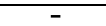
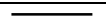
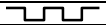
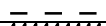
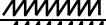
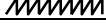
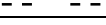
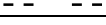
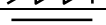
# SIREN

SIZE  
A

DRAWING NO.  
AW-30SBR

SCALE: N.T.S.

SHEET 1 OF 1

| Primary tone | Secondary tone | Switch setting | Tone description |              |                                                       |                                                                                       | Main Application  | AW-30     |                    |        |                    |                        |
|--------------|----------------|----------------|------------------|--------------|-------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------|-----------|--------------------|--------|--------------------|------------------------|
|              |                |                |                  |              |                                                       |                                                                                       |                   | 12 VDC    | 12 Vdc on axis @1M | 24 VDC | 24 Vdc on axis @1M | EN54-3 28Vdc see notes |
|              |                |                | 12345            | Pattern      | Frequency Hz                                          | Rate                                                                                  |                   | Depiction | mA                 | dB(A)  | mA                 | dB(A)                  |
| 1            | 14             | 11111          | Alternating      | 800 & 970    | 2Hz (250ms-250ms)                                     |    | BS Fire tone      | 120       | 108                | 240    | 113                | *                      |
| 2            | 14             | 11110          | Sweep            | 800 to 970   | 7Hz (7/s)                                             |    | BS Fire tone      | 120       | 107                | 230    | 113                | *                      |
| 3            | 36             | 11101          | Sweep            | 800 to 970   | 1Hz (1/s)                                             |    | BS Fire tone      | 120       | 108                | 240    | 114                | 110                    |
| 4            | 14             | 11100          | Continuous       | 2850         | Steady                                                |    |                   | 100       | 111                | 210    | 119                | *                      |
| 5            | 4              | 11011          | Sweep            | 2400 to 2850 | 7Hz                                                   |    |                   | 100       | 111                | 210    | 118                | *                      |
| 6            | 4              | 11010          | Sweep            | 2400 to 2850 | 1Hz                                                   |    |                   | 100       | 112                | 210    | 120                | *                      |
| 7            | 14             | 11001          | Slow whoop       | 300 to 1200  | 3s sweep, 0.5 s silence, then repeat                  |    | Dutch Fire tone   | 130       | 108                | 240    | 113                | 110                    |
| 8            | 14             | 11000          | Sweep (DIN)      | 1200 to 500  | 1Hz                                                   |    | Din tone          | 130       | 107                | 240    | 112                | 109                    |
| 9            | 4              | 10111          | Alternating      | 2400 & 2850  | 2Hz (250ms-250ms)                                     |    |                   | 110       | 112                | 210    | 117                | *                      |
| 10           | 14             | 10110          | Intermittent     | 970          | 0.5Hz (1s On/1s Off)                                  |    |                   | 130       | 108                | 250    | 113                | *                      |
| 11           | 14             | 10101          | Alternating      | 800 & 970    | 1Hz (500ms-500ms)                                     |    | BS Fire tone      | 120       | 108                | 230    | 113                | *                      |
| 12           | 4              | 10100          | Intermittent     | 2850         | 0.5Hz (1s On/1s Off)                                  |    |                   | 100       | 111                | 210    | 117                | *                      |
| 13           | 14             | 10011          | Intermittent     | 970          | 0.8Hz (250ms On/1s Off)                               |    |                   | 130       | 107                | 260    | 113                | *                      |
| 14           | 14             | 10010          | Continuous       | 970          | Steady                                                |    | BS Fire tone      | 130       | 107                | 250    | 112                | 109                    |
| 15           | 14             | 10001          | Alternating      | 554 & 440    | 100ms-400ms                                           |    | French fire tone  | 100       | 102                | 200    | 108                | *                      |
| 16           | 16             | 10000          | Intermittent     | 660          | 3.3Hz (150ms On/150msOff)                             |    | Swedish fire tone | 100       | 105                | 230    | 111                | *                      |
| 17           | 17             | 01111          | Intermittent     | 660          | 0.28Hz(1.8s On/1.8s Off)                              |    | Swedish fire tone | 110       | 106                | 230    | 111                | *                      |
| 18           | 18             | 01110          | Intermittent     | 660          | 0.05Hz (13s Off / 6.5Hz On)                           |    | Swedish fire tone | 110       | 106                | 240    | 111                | *                      |
| 19           | 19             | 01101          | Continuous       | 660          | Steady                                                |    | Swedish fire tone | 110       | 105                | 220    | 110                | *                      |
| 20           | 20             | 01100          | Alternating      | 554 & 440    | 0.5Hz (1s On/1s Off)                                  |    | Swedish fire tone | 110       | 102                | 210    | 108                | *                      |
| 21           | 21             | 01011          | Intermittent     | 660          | 1Hz (500ms-500ms)                                     |    | Swedish fire tone | 110       | 106                | 230    | 111                | *                      |
| 22           | 14             | 01010          | Intermittent     | 2850         | 4Hz (150ms On/100ms Off)                              |    | Pelican crossing  | 100       | 110                | 210    | 116                | *                      |
| 23           | 14             | 01001          | Sweep            | 800 to 970   | 50Hz                                                  |    | BS Fire tone      | 120       | 107                | 230    | 112                | *                      |
| 24           | 4              | 01000          | Sweep            | 2400 to 2850 | 50Hz                                                  |    |                   | 90        | 110                | 190    | 116                | *                      |
| 25           | 25             | 00111          | Intermittent     | 970          | 3 x 500ms pulses followed by 1.5s silence then repeat |    | ISO 8201          | 130       | 108                | 260    | 113                | *                      |
| 26           | 26             | 00110          | Intermittent     | 2850         | 3 x 500ms pulses followed by 1.5s silence then repeat |    | ISO 8201          | 100       | 111                | 220    | 117                | *                      |
| 27           | 27             | 00101          | Continuous       | 4000         | Steady                                                |    |                   | 110       | 103                | 220    | 108                | *                      |
| 28           | 10             | 00100          | Alternating      | 800 & 970    | 2Hz (250ms-250ms)                                     |   | BS Fire tone      | 120       | 108                | 230    | 113                | *                      |
| 29           | 33             | 00011          | Alternating      | 990 & 650    | 2Hz (250ms-250ms) (Symphoni tones)                    |  | BS Fire tone      | 120       | 106                | 230    | 111                | 108                    |
| 30           | 36             | 00010          | Alternating      | 510 & 610    | 2Hz (250ms-250ms) (Squashni Micro tones)              |  | BS Fire tone      | 100       | 105                | 190    | 111                | 108                    |
| 31           | 31             | 00001          | Sweep            | 300 to 1200  | 1Hz                                                   |  |                   | 120       | 106                | 230    | 111                | *                      |
| 32           | 32             | 00000          | Continuous       | 4000         | Steady                                                |  |                   | 110       | 103                | 220    | 108                | *                      |

Note (a): Tones approved under the Construction Products Directive for Fire Alarm Applications, are shown in the column marked EN54-3.

Note (b): EN54-3 measurements shown reflect minimum expected SPL readings at Maximum Volume at the Loudest Point around the EN54-3 defined sounder axis.

Note (c): All other tone measurements reflect manufacturers data based on 'on axis' measurements, and are not verified by a Notified body.

Note (d): All measurements taken at 20oC operating temperature.