

Technical Specification:

DC Sounder with LED beacon

| | |
|----------------------------|--|
| Supply Voltage Range | 17-60V DC |
| Current – Sounder & beacon | 10-50mA* |
| Current – Beacon only | 5mA |
| Peak Sound Level: | 96-107 dBA at 1m* |
| Number of Tones: | 32 – dipswitch selectable |
| Frequency Range | 400-2850 Hz* |
| Operating Temperature: | - 25°C to +70°C |
| Casing: | High Impact Polycarbonate |
| IP Rating: | IP65 (with deep base) |
| Synchronisation | Automatic with other Klaxon 32 Tone Sounders |
| Volume Adjustment | 20dB |
| Beacon Control | Optional independent control of beacon with separate negative supply |
| Locking mechanism | Optional by removing tab on base |
| Compliance | EN54-3:2001 |
| Body colour | Red or white |
| Beacon lens colours | Red or amber |

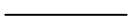
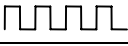
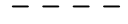
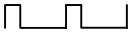

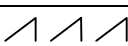
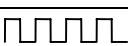
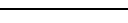

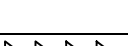

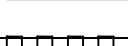

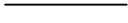
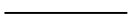
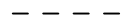

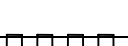
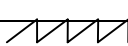
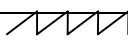
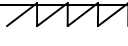



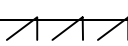
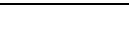
*depends on selected tone and input voltage

Part Numbers:

| | | | |
|-----------------------------|---------------------|--------------|-----------|
| Sounder Beacon DC/Timesaver | Red lens/red base | Head only | 18-980502 |
| | | Shallow base | 18-980500 |
| | | Deep base | 18-980501 |
| | Amber lens/red base | Head only | 18-980505 |
| | | Shallow base | 18-980503 |
| | | Deep base | 18-980504 |
| Beacon only DC/Timesaver | Red lens/red base | Head only | 18-980509 |
| | | Shallow base | 18-980507 |
| | | Deep base | 18-980508 |
| | Amber lens/red base | Head only | 18-980512 |
| | | Shallow base | 18-980510 |
| | | Deep base | 18-980511 |

Sonos

Tone Table

| TONE | TONE TYPE | TONE DESCRIPTION/ APPLICATION | 2 ND STAGE TONE | DIP SWITCH 1_2_3_4_5 | SOUND LEVEL (dBA @ 1m) | AVERAGE CURRENT (mA) |
|------|---|---|----------------------------|----------------------|------------------------|----------------------|
| 1 |  | 970Hz (BS5839-1:2002) | 4 | 0-0-0-0-0 | 97 | 22 |
| 2 |  | 800Hz/970Hz @ 2Hz (BS5839-1:2002) | 1 | 0-0-0-0-I | 97 | 21 |
| 3 |  | 800Hz – 970Hz @ 1Hz (BS5839-1:2002) | 1 | 0-0-0-I-0 | 98 | 21 |
| 4 |  | 970Hz 1s OFF/1s ON (Apollo Fire Systems Alert Tone, BS5839-1:2002) | 1 | 0-0-0-I-I | 96 | 15 |
| 5 |  | 970Hz, 0.5s/ 630Hz, 0.5s (Apollo Fire Systems Alert Tone, BS5839-1:2002) | 4 | 0-0-I-0-0 | 97 | 20 |
| 6 |  | 554Hz, 0.1s/ 440Hz, 0.4s (France - AFNOR NF S 32 001) | 1 | 0-0-I-0-I | 96 | 14 |
| 7 |  | 500 - 1200Hz, 3.5s/ 0.5s OFF (Netherlands – NEN 2575:2000) | 1 | 0-0-I-I-0 | 99 | 17 |
| 8 |  | 420Hz 0.625s ON/0.625s OFF (Australia AS2220 Alert tone) | 9 | 0-0-I-I-I | 93 | 12 |
| 9 |  | 500 - 1200Hz, 3.75s/ 0.25s OFF (Australia AS2220 Evacuation tone) | 8 | 0-I-0-0-0 | 99 | 17 |
| 10 |  | 550Hz/440Hz @ 0.5Hz | 1 | 0-I-0-0-I | 99 | 11 |
| 11 |  | 970Hz, 0.5s ON/0.5s OFF x 3/ 1.5s OFF (ISO 8201 Low tone) | 12 | 0-I-0-I-0 | 97 | 13 |
| 12 |  | 2850Hz, 0.5s ON/0.5s OFF x 3/1.5s OFF (ISO 8201 High tone) | 11 | 0-I-0-I-I | 93 | 24 |
| 13 |  | 1200Hz – 500Hz @ 1Hz (DIN 33 404) | 1 | 0-I-I-0-0 | 97 | 18 |
| 14 |  | 400Hz | 6 | 0-I-I-0-I | 92 | 14 |
| 15 |  | 550Hz, 0.7s/1000Hz, 0.33s ('SafeSound') | 1 | 0-I-I-I-0 | 99 | 18 |
| 16 |  | 1500Hz - 2700Hz @ 3Hz (Vandal Alarm) | 1 | 0-I-I-I-I | 105 | 36 |
| 17 |  | 750Hz | 27 | I-0-0-0-0 | 98 | 19 |
| 18 |  | 2400Hz | 26 | I-0-0-0-I | 106 | 39 |
| 19 |  | 750Hz 0.33s ON/0.51s OFF | 1 | I-0-0-I-0 | 98 | 12 |
| 20 |  | 750Hz 0.51s ON/0.33s OFF | 1 | I-0-0-I-I | 98 | 14 |
| 21 |  | 800Hz 0.2s ON/0.2s OFF | 1 | I-0-I-0-0 | 97 | 13 |
| 22 |  | 510Hz, 0.5s/ 610Hz, 0.5s | 4 | I-0-I-0-I | 95 | 16 |
| 23 |  | 550Hz, 0.33s/1000Hz, 0.7s | 1 | I-0-I-I-0 | 99 | 21 |
| 24 |  | 250Hz – 1200Hz @ 12Hz | 18 | I-0-I-I-I | 94 | 14 |
| 25 |  | 500Hz – 1200Hz @ 0.33Hz. | 18 | I-I-0-0-0 | 99 | 18 |
| 26 |  | 2500Hz – 2850Hz @ 7Hz. | 18 | I-I-0-0-I | 98 | 49 |
| 27 |  | 600Hz – 900Hz/ 0.9s | 1 | I-I-0-I-0 | 97 | 19 |
| 28 |  | 660Hz – 680Hz/ 0.9s | 1 | I-I-0-I-I | 95 | 15 |
| 29 |  | 670Hz – 725Hz/ 0.9s | 1 | I-I-I-0-0 | 96 | 19 |
| 30 |  | 920Hz – 750Hz/ 0.9s | 1 | I-I-I-0-I | 98 | 20 |
| 31 |  | 700Hz – 900Hz, 0.3s/0.6s OFF | 1 | I-I-I-I-0 | 97 | 10 |
| 32 |  | 900Hz – 760Hz, 0.6s/0.3s OFF | 1 | I-I-I-I-I | 98 | 15 |

Sounder Only: Subtract 4mA from figure in table
Beacon Only: 5mA

