



**Floyd Bell Inc**  
SOUND SOLUTIONS

## TECHNICAL SPECIFICATIONS

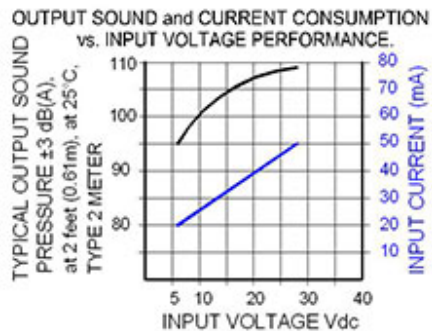


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### Ultra

UO-09-628-S





## Specifications

Ultra Loud Whoop Tone; Panel Mount Case and Quick Connect Blades with Screws Termination

|                                    |                                                                                                                                                                                                                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mounting:</b>                   | Panel Mount                                                                                                                                                                                                                                                                            |
| <b>Operating Mode:</b>             | Ultra Loud Whoop Tone                                                                                                                                                                                                                                                                  |
| <b>Operating Voltage:</b>          | 6-28 Vdc                                                                                                                                                                                                                                                                               |
| <b>Operating Frequency:</b>        | 2100±250 Hz                                                                                                                                                                                                                                                                            |
| <b>Typical Operating Current:</b>  | 20 mA at 6 Vdc<br>50 mA at 28 Vdc                                                                                                                                                                                                                                                      |
| <b>Typical Sound Pressure:</b>     | 95±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C<br>109±5 dB(A), at 28 Vdc, at 24 inches (61 cm), at 25°C                                                                                                                                                                           |
| <b>Termination:</b>                | Quick Connect Blades with Screws                                                                                                                                                                                                                                                       |
| <b>Termination Strength:</b>       | Pull test with a maximum of 22 pounds (10 kg) load                                                                                                                                                                                                                                     |
| <b>Operating Temperature:</b>      | -20°C to +65°C                                                                                                                                                                                                                                                                         |
| <b>Storage Temperature:</b>        | -40°C to +85°C                                                                                                                                                                                                                                                                         |
| <b>Surge Voltage:</b>              | 20% over maximum rated voltage for less than 5 minutes                                                                                                                                                                                                                                 |
| <b>Reverse Voltage Protection:</b> | To the maximum operating voltage                                                                                                                                                                                                                                                       |
| <b>Construction Materials:</b>     | Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black<br>Internal Circuit- Audio-oscillator and piezoelectric driver<br>Potting- 2 parts epoxy resin or silicone, black<br>Diaphragm- Stainless Steel 304                                                                      |
| <b>Gasket:</b>                     | Gasket (Sold Separately)– 0.062" Thick, 60 Durometer Neoprene                                                                                                                                                                                                                          |
| <b>Environmental Durability:</b>   | ASTM B117 Certified - Withstands exposure to salt spray for 300 hours<br>IP 68 Certified - Withstands water submergence and dust exposure<br>Humidity- 95% relative humidity at +40°C continuously for 100 hours.<br>Vibration- Withstands vibration between 0 and 55 Hz. on all axes. |
| <b>Life Expectancy:</b>            | 10 years under normal operating conditions.                                                                                                                                                                                                                                            |
| <b>Warranty:</b>                   | For a period of two years from the date of manufacture under normal operating conditions.                                                                                                                                                                                              |

## Dimensions

