

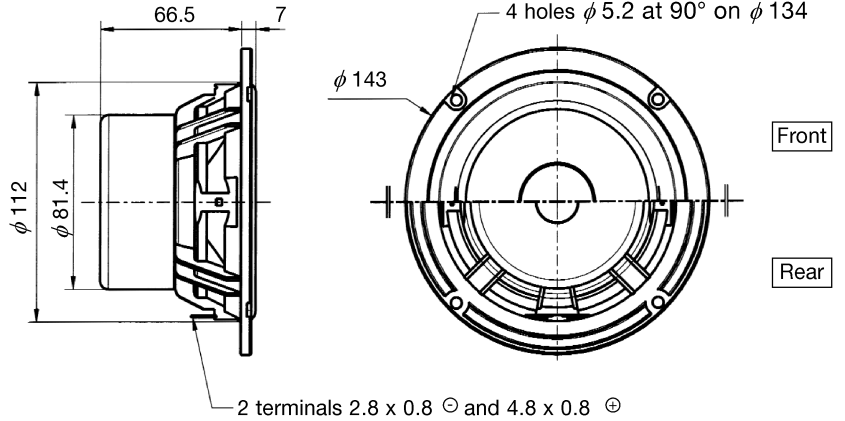
BASS MIDRANGE

AP130G2 W08PGP2511
102050H

102077Q

Octob.98

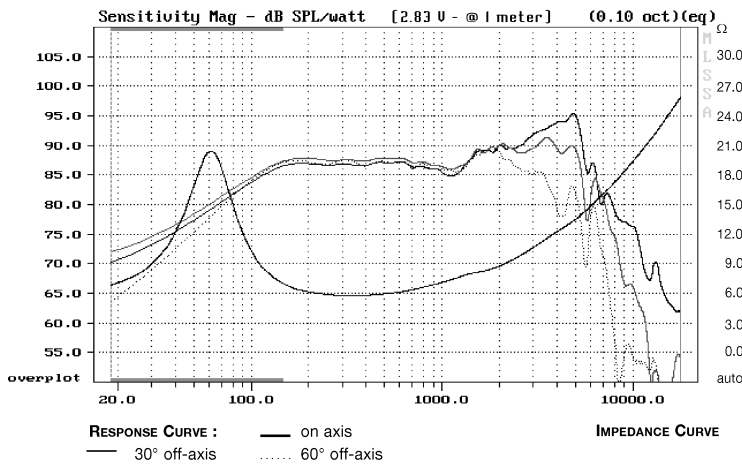
Shielded 5^{1/4}" Coated Paper cone
High impact polymer chassis



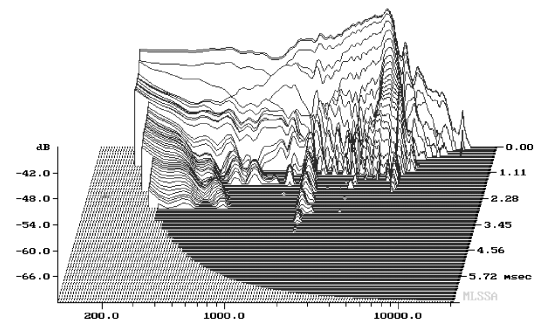
All dimensions in mm

- Fully shielded magnet system for audio video application
- Non resonant high impact polymer chassis
- Built in cosmetic ring designed for front-rear and recessed mounting
- Coated paper cone
- High loss rubber surround
- High temperature voice coil

Response Curve



Waterfall



SPECIFICATIONS

| Technical characteristics | Symbol | Value | Units |
|----------------------------|--------|-----------|----------|
| PRIMARY APPLICATION | | | |
| Nominal Impedance | Z | 6 | Ω |
| Resonance Frequency | Fs | 57,2 | Hz |
| Nominal Power Handling | P | 40 | W |
| Sensitivity (2,83 V - 1m) | E | 87,9 | dB |
| VOICE COIL | | | |
| Voice Coil Diameter | ϕ | 25 | mm |
| Minimum Impedance | Zmin | 5,7 | Ω |
| DC Resistance | Dcr | 5,2 | Ω |
| Voice Coil Inductance | Lbm | 0,39 | mH |
| Voice Coil Length | h | 10 | mm |
| Former | - | Aluminium | - |
| Number of Layers | n | 2 | - |
| Wire type | - | round | - |

MAGNET

| | | | |
|------------------------|-----------------|----------------|------------------|
| Magnet Dimensions | $\phi \times h$ | 72x15 60x10 | mm |
| Magnet Weight | m | 0,250 0,100 | kg |
| Flux Density | B | 1 | T |
| Force Factor | BL | 4,77 | NA ⁻¹ |
| Height of Magnetic Gap | He | 5 | mm |
| Stray Flux | Fmag | - | Am ⁻¹ |
| Linear Excursion | Xmax | $\pm 2,5$ | mm |

PARAMETERS

| | | | |
|---------------------------------|-----|-------|--------------------|
| Suspension Compliance | Cms | 1185 | $\mu\text{m/N}$ |
| Mechanical Q Factor | Qms | 1,57 | - |
| Electrical Q Factor | Qes | 0,53 | - |
| Total Q Factor | Qts | 0,40 | - |
| Mechanical Resistance | Rms | 1,49 | kg s ⁻¹ |
| Moving Mass | Mms | 6,53 | g |
| Effective Piston Area | S | 83,32 | cm ² |
| Volume Equivalent of Air at Cas | Vas | 11,55 | liters |

Suggested Applications

| Vb | Fb | Dp | Lp | F-3 |
|--------|------|----|----|------|
| liters | Hz | cm | cm | Hz |
| 8 | 60,8 | 3 | 5 | 65,0 |
| 10 | 58,6 | 3 | 4 | 58,8 |