The Revelator 18W passive radiator is intended for slave systems. This finish is uncoated, matching the uncoated Revelators.

It utilizes a standard-roll spider with good stability, high linearity and proper excursion limitation.

Suggested box with e.g. 18W/4531G00, start out with e.g. 24-25 liter box, use one or two passive radiators. If the box tuning is too high, try adding 5 gram pieces to the aluminium block on the rear side (5, 10 and up to 15 gram). The speaker is prepared for applying added weight with an M4 screw thread in the aluminium block. When trimming is completed, apply glue to the screw holding the added weight to lock it and prevent potential rattle.

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**Revelator**

### Revelator 6.5" PR

**Type Number:** 18W/0-00-01

#### Features:

- The Revelator 18W passive radiator is intended for slave systems. This finish is uncoated, matching the uncoated Revelators.
- It utilizes a standard-roll spider with good stability, high linearity and proper excursion limitation.
- Suggested box with e.g. 18W/4531G00, start out with e.g. 24-25 liter box, use one or two passive radiators. If the box tuning is too high, try adding 5 gram pieces to the aluminium block on the rear side (5, 10 and up to 15 gram). The speaker is prepared for applying added weight with an M4 screw thread in the aluminium block. When trimming is completed, apply glue to the screw holding the added weight to lock it and prevent potential rattle.

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### Specifications (Specs):

#### Electrical Data

- **Nominal impedance**: \( Z_n \) - ohm
- **Minimum impedance**: \( Z_{min} \) - ohm
- **Maximum impedance**: \( Z_o \) - ohm
- **DC resistance**: \( R_e \) - ohm
- **Voice coil inductance**: \( L_e \) - mH

#### T-S Parameters

- **Resonance Frequency**: \( fs \) - Hz
- **Mechanical Q factor**: \( Q_{ms} \) -
- **Electrical Q factor**: \( Q_{es} \) -
- **Total Q factor**: \( Q_{ts} \) -
- **Force factor**: \( B_l \) - Tm
- **Mechanical resistance**: \( R_{ms} \) - Kg/s
- **Moving mass**: \( M_{ms} \) - g
- **Suspension compliance**: \( C_{ms} \) - mm/N
- **Effective cone diameter**: \( D \) - cm
- **Effective piston area**: \( S_d \) - cm²
- **Equivalent volume**: \( V_{as} \) - ltrs
- **Sensitivity**: \( 2.83V/1m \) - dB
- **Ratio BL/√(Re)** -
- **Ratio fs/QtS** -

#### Power Handling

- **100h RMS noise test (IEC)** - W
- **Long-term Max Power (IEC18.3)** - W
- **Max linear SPL (rms) @ power** - dB/W
- **Short-term Max Power (IEC18.2)** - W

#### Voice Coil and Magnet Parameters

- **Voice coil diameter** - mm
- **Voice coil height** - mm
- **Voice coil layers** -
- **Height of gap** - mm
- **Linear excursion +/-** - mm
- **Max mech. Excursion +/-** - 15,0 mm
- **Flux density of gap** - mWb
- **Total useful flux** - mWb
- **Diameter of magnet** - mm
- **Height of magnet** - mm
- **Weight of magnet** - Kg
- **Unit net weight** - Kg

#### Notes:

- IEC Specs refer to IEC 60268, 3rd edition.
- All Scan Speak products are RoHS compliant.
Frequency:

![Graph showing frequency response]

Graph showing SPL (Sound Pressure Level) in Hz across different frequencies (50, 60, 70, 80, 90, 100, 110 Hz) on the y-axis and frequency in Hz on the x-axis. Lines indicate impedance on axis, 30 degrees, and 60 degrees.

Mechanical Dimensions:

![Diagram of mechanical dimensions]

Diagram showing mechanical dimensions with labels in millimeters for pitch circle diam 170, 5.3 (x5), and other measurements.