



# Aerons India

# SUPREME 21

## Dual Magnet 21" Subwoofer Driver



*Supreme Sound !!*  
*Supreme Performance !!*

The SUPREME 21 is a high-power subwoofer speaker designed for strong and deep bass performance in professional audio systems. With a 3000W RMS power rating and dual magnet structure, it delivers high output with stability and control, even in demanding conditions.

Built with a 6-inch voice coil and 8-ohm impedance, the SUPREME 21 ensures efficient power handling and consistent performance. Its wide frequency response allows it to reproduce low frequencies with clarity and impact.

Designed for long-term use, the SUPREME 21 is suitable for concerts, touring systems, and fixed installations where powerful and reliable bass is essential.



**30HZ- 1KHZ**

Frequency Response



**3000W**

RMS Power



**3 LAYER**

In/Out VC



**6 INCH**

Voice Coil



**8 OHMS**

Impedance



**Y35 FERRITE**

Magnet



AERONS (INDIA)

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Dual Magnet 21" Subwoofer Driver

## TECHNICAL SPECIFICATIONS

|                              |                   |
|------------------------------|-------------------|
| Nominal Diameter             | 21 inch           |
| Nominal Impedance            | 8 ohms            |
| Minimum Impedance            | 4.8 ohms          |
| Nominal Power Handling       | 3000 Watts        |
| Continuous Power Handling    | 6000 Watts        |
| Sensitivity                  | 97dB              |
| Frequency Range              | 30Hz - 1kHz       |
| Voice Coil Diameter          | 152.2mm           |
| Voice Coil Material          | APIPS7            |
| Voice Coil Winding Depth     | 31mm              |
| Effective Diaphragm Diameter | 460mm             |
| Kind of layer                | In/Out            |
| Number of Layer              | 3                 |
| Top Plate thickness          | 12mm              |
| Spider                       | Silicon Spider    |
| Flux Density                 | 1.20T             |
| Magnet Diameter              | 2X (300*25mm )    |
| Magnet Material              | Strontium Ferrite |
| Magnet Grade                 | Y35 Grade         |
| Magnet Gap Depth             |                   |

## THIELE SMALL PARAMETERS

|                              |      |               |
|------------------------------|------|---------------|
| Resonance Frequency          | Fs   | 30.0 Hz       |
| DC Resistance                | Rte  | 4.8 Ohm       |
| Mechanical Factor            | Qms  | 18.56         |
| Electrical Factor            | Qes  | 0.306         |
| Total Factor                 | Qts  | 0.301         |
| BL Factor                    | BL   | 43.70 T-m     |
| Effective Moving Mass        | Mms  | 625.62 gr     |
| Equivalent Cas Air Load      | Vas  | 192.39 litre  |
| Effective Piston Area        | Sd   | 1698.23 cm sq |
| Max. Linear Excursion        | Xmax | 10mm          |
| Half Space Efficiency        | Eff  | 1.52%         |
| Efficiency Bandwidth Product | EBP  | 98.03         |
| Compliance Value             | CMS  | 0.047mm/N     |

## MOUNTING AND SHIPPING INFO

|                      |         |
|----------------------|---------|
| Overall Diameter     | 545mm   |
| Bolt Circle Diameter | 495mm   |
| Bolt Hole Diameter   | 8mm     |
| Overall Depth        | 248mm   |
| Magnet Diameter      | 300mm   |
| Net weight           | 31.4kgs |

