



Kinetic Series

The Kinetic Series are passive loudspeakers that offer the legendary performance that Wharfedale Pro has become world famous for. The Kinetic Series offer professional features such as compression drivers, custom designed woofers and PTC HF protection. Speakon/Jack Combination inputs are parallel wired for flexibility and feature throughout the range to ensure compatibility and seamless integration with both professional and beginner equipment.

The Kinetic Series is suitable for a wide range of applications, they are an ideal choice for small bands or portable DJ's that need heavy duty sound reinforcement on a budget.



Features

- Low Distortion, High Power Custom Wharfedale Pro Woofers
- HF Compression Drivers
- 90°x60° Elliptical Waveguides
- High Slope Crossover With High Voltage Components
- PTC HF Driver Protection Circuitry
- Low Resonance Enclosures
- Road-Tough Carpet Finish
- High-Impact Plastic Handles
- High-Impact Plastic Pole Mount Receptacles (Steel On Kinetic 153 & 18B)
- Parallel Speakon/¼" Jack Inputs
- High Pass Output (Kinetic 18B Only)



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Specifications



| Model | Kinetic 8 | Kinetic 12 | Kinetic 12M | Kinetic 15 | Kinetic 153 | Kinetic 215 | Kinetic 18B |
|-------------------------------------|----------------------------|-----------------------------|----------------------|------------------------------|-------------------------------|-----------------------------|-----------------------|
| Configuration | 2-way | 2-way | 2-way monitor | 2-way | 3-way | Quasi 3-way | Subwoofer |
| Frequency Response (±3dB) | 70-20kHz | 60-20kHz | 60-20kHz | 50-20kHz | 50-20kHz | 45-20kHz | 45-250Hz |
| Power Handling | | | | | | | |
| Continuous | 150W | 200W | 200W | 250W | 300W | 300W | 300W |
| Programme | 300W | 400W | 400W | 500W | 600W | 600W | 600W |
| Peak | 600W | 800W | 800W | 1000W | 1200W | 1200W | 1200W |
| Nominal Impedance | 4Ω | 4Ω | 4Ω | 4Ω | 4Ω | 4Ω | 4Ω |
| Sensitivity (1W @ 1m) | 96dB | 96dB | 96dB | 97dB | 98dB | 100dB | 98dB |
| Max SPL (Calculated) | 124dB | 125dB | 125dB | 127dB | 129dB | 131dB | 129dB |
| Nominal Horizontal Coverage (@1kHz) | 90° | 90° | 90° | 90° | 90° | 90° | |
| Nominal Vertical Coverage (@1kHz) | 60° | 60° | 60° | 60° | 60° | 60° | |
| LF Size | 205mm / 8" | 305mm / 12" | 305mm / 12" | 381mm / 15" | 381mm / 15" | 381mm / 15" | 470mm / 18" |
| LF Voice Coil | 1.53" | 2.0" | 2.0" | 2" | 2" | 1.5" | 2.5" |
| LF Driver Number | L01-07010129A | L01-07010130A | L01-07010130A | L01-07010131A | L01-07010131A | ZD-05400-01R | L01-07010028A |
| HF Voice Coil | 25.4mm / 1" | 25.4mm / 1" | 25.4mm / 1" | 25.4mm / 1" | 25.4mm / 1" | 25.4mm / 1" | 25.4mm / 1" |
| HF Waveguide Type | Elliptical | Elliptical | Elliptical | Elliptical | Elliptical | Elliptical | Elliptical |
| HF Waveguide Exit | 30.5mm / 1.2" | 30.5mm / 1.2" | 30.5mm / 1.2" | 30.5mm / 1.2" | 30.5mm / 1.2" | 30.5mm / 1.2" | 30.5mm / 1.2" |
| HF Diaphragm Material | Phenolic | Phenolic | Phenolic | Phenolic | Phenolic | Phenolic | Phenolic |
| HF Protection | PTC | PTC | PTC | PTC | PTC | PTC | PTC |
| HF Driver number | ZD-53200-01R | ZD-53200-01R | ZD-53200-01R | ZD-53200-01R | ZD-53200-01R | ZD-53200-01R | |
| MF Size | | | | | 165mm / 6.5" | | |
| MF Voice Coil | | | | | 25.4mm / 1" | | |
| MF Driver Number | | | | | ZD-24100-01R | | |
| Enclosure Material and Thickness | 12mm / 0.5" particle | 12mm / 0.5" particle | 12mm / 0.5" particle | 12mm / 0.5" particle | 12mm / 0.5" particle | 12mm / 0.5" particle | 15mm / 0.59" particle |
| Enclosure Finish | Black Carpet | Black Carpet | Black Carpet | Black Carpet | Black Carpet | Black Carpet | Black Carpet |
| Grille Material & Finish | 1.0mm Steel | 1.2mm Steel | 1.2mm Steel | 1.2mm Steel | 1.2mm Steel | 1.2mm Steel | 1.2mm Steel |
| Pole Mount | 35mm / 1 3/8" | 35mm / 1 3/8" | | 35mm / 1 3/8" | 35mm / 1 3/8" | 35mm / 1 3/8" | 35mm / 1 3/8" |
| Handles | 2 On Sides | 2 On Sides | 2 On Sides | 2 On Sides | 2 On Sides | 2 On Sides | 2 On Sides |
| Input Connector Type | 2x Speakon + ¼" Jack | 2x Speakon + ¼" Jack | 2x Speakon + ¼" Jack | 2x Speakon + ¼" Jack | 2x Speakon + ¼" Jack | 2x Speakon + ¼" Jack | 2x Speakon + ¼" Jack |
| HPF Output Connector Type | | | | | | | 1x Speakon + ¼" Jack |
| Net Weight | 7.84 Kg 17.3 lbs | 12.28 Kg 27 lbs | 11.5 Kg 25.3 lbs | 17.02 Kg 37.4 lbs | 21.5 Kg 47.3 lbs | 25.4 Kg 55.9 lbs | 28.74 Kg 63.2 lbs |
| Gross Weight | 8.8 Kg 19.4 lbs | 13.8 Kg 30.4 lbs | 13.7 Kg 30.1 lbs | 18.8 Kg 41.4 lbs | 23.9 Kg 52.5 lbs | 29.2 Kg 64.2 lbs | 31.6 Kg 69.5 lbs |
| Dimensions (Unpacked) | | | | | | | |
| H | 429mm / 16.9" | 525mm / 20.7" | 380(SITU)mm / 14.96" | 618mm / 24.3" | 725mm / 28.54" | 1004mm/39.53" | 512mm / 20.16" |
| W | 272.2/149.6mm / 10.7"/5.9" | 362.2/210.1mm / 14.3"/8.27" | 366 / 14.4" | 437.4/273.5mm / 17.2"/10.77" | 473.8/293.7mm / 18.65"/11.56" | 437.4/273.5mm/17.22"/10.78" | 640mm / 25.19" |
| D | 253mm / 9.96" | 308mm / 12.13" | 525mm / 20.7" | 330mm / 12.99" | 360mm / 14.17" | 330mm/12.99" | 437mm / 17.2" |
| Dimensions (Packed) | | | | | | | |
| H | 482mm / 18.97" | 586mm / 23.07" | 413mm / 16.26" | 680mm / 26.77" | 786mm / 30.95" | 1172mm/46.14" | 579mm / 22.79" |
| W | 299/166mm / 11.8"/6.54" | 426/242mm / 16.8"/9.53" | 568mm / 22.36" | 502/304mm / 19.76"/11.97" | 538/324mm / 21.18"/12.76" | 538/324mm/21.18"/12.76" | 686mm / 27.0" |
| D | 278mm / 10.9" | 348mm / 13.7" | 386mm / 15.2" | 370mm / 14.57" | 400mm / 15.75" | 400mm/15.75" | 483mm / 19.0" |
| Volume | 0.031m ³ | 0.068m ³ | 0.09m ³ | 0.1m ³ | 0.136m ³ | 0.20m ³ | 0.192m ³ |