

Specifications

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| Frequency Range (-10 dB) | 70 Hz to 20 kHz |
| Frequency Response (+/-3 dB) | 95 Hz - 19 kHz |
| Power Rating | 100W Continuous Program (2 hrs) *Continuous Pink Noise rating is IEC-shaped pink noise with a 6 dB crest factor. Continuous Program Power is defined as 3 dB above the Continuous Pink Noise Rating and is a conservative expression of the system's ability to handle normal speech and music program material. |
| Maximum Input Voltage: | 17.2 V RMS (2 hrs), 34.4 V peak |
| Maximum SPL | 103 dB ave. Continuous Pink Noise (109 dB peak) *Calculated from sensitivity and power handling, exclusive of power compression. |
| Sensitivity | 86 dB, 1W/1m (ave. 100 Hz – 10 kHz) *Half-space (on-wall) averaged 100 Hz – 10 kHz, 2.83V. |
| Coverage Angle | 100° x 100° *Coverage angle (-6 dB) average between 1.5 kHz and 12 kHz. |
| Directivity Factor (Q) | 5.8 (averaged 1kHz – 16kHz) |
| Directivity Index (DI) | 7.2 dB (averaged 1kHz – 16kHz) |
| Nominal Impedance | 8 ohms |
| Crossover Type | 2nd order low-pass, 2nd order high-pass |
| Recommended Protective High-Pass | 70 Hz high-pass (24 dB/oct) *For protection against driving below resonant frequency and to keep transformer out of saturation. |
| Low Frequency Driver | 76 mm (3.0 in), woven-fiberglass cone with pure butyl rubber surround with Weather-Edge frame protection, high-temp Kapton™ voice coil former, high-temp voice coil wire, optimized cone geometry, linear suspension spider, and FEA optimized motor structure. |
| High Frequency Driver | 13 mm (0.5 in) PEI diaphragm, low-viscosity ferro-magnetic fluid, and lightweight Kapton™ voice coil former. |
| Enclosure Material | High Impact Polystyrene (HIPS), painted with highly-UV resistant paint on white (-WH) version for maximum UV fade resistance. |
| Grille | Highly zinc-plated, finished in durable TGIC polyester powdercoating. MTC-23WMG-1 (&-WH) available with WeatherMax™ multi-layer foam and tight-weave mesh vapor barrier backing. |

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| Installation | InvisiBall™ wall-mounting system included. Two 6 mm attachment points (on top and bottom) for optional MTC-23UB-1 (&-WH) U-bracket. Secondary safety attachment loop point on back panel. |
| Environmental | IP-44 per IEC529 (IP-55 when installed with the optional MTC-23WMG-1 WeatherMax™ grille and either MTC-PC2 or MTC-PC3 panel cover.) Exceeds MilSpec 810 for humidity, salt-spray, temperature & UV. Passes MilStd-202F for salt spray and ASTM G85 for acid-air plus salt spray. Optional MTC-23WMG-1 WeatherMax™ grille for breaking up driving rain and for especially difficult environments. |
| Termination | Screw-down terminal strip, zinc-plated copper based, nickel-plated metal screws and washers. Accepts up to 9 mm outside 4 mm inside open lugs (#6, #8, or #10 lug), plus bare wire (up to 12 AWG / 2.5 mm ²). Optional MTC-PC2 and MTC-PC3 protective panel covers available to provide sealed entrance for additional weather protection. |
| Agency Rating | ROHS-compliant |
| Colors | Black (RAL9004) or white (-WH, RAL9016) |
| Dimensions (H x W x D) | 200 x 141 x 111 mm (7.9 x 5.6 x 4.4 in); 141 mm (5.6 in) deep total when mounted on InvisiBall wall-mount bracket. *In vertical orientation |
| Net Weight | 1.6 kg (3.4 lbs) |
| Shipping Weight | 3.5 kg (7.6 lbs) for the pair-pack (for 2 speakers), 11.0 kg (24.3 lbs) for master-pack (for 6 speakers) |
| Included Accessories | InvisiBall™ wall-mounting system, 4 mm x 80 mm hex key |