

## Specifications

Frequency Range (-10 dB)	70 Hz to 20 kHz
Frequency Response (+/-3 dB)	95 Hz - 19 kHz
Power Rating	100W Continuous Program (2 hrs)50 W (200W peak), Continuous Pink Noise (2 hrs) 40 W (160W peak) Continuous Pink Noise (100 hrs)
Maximum Input Voltage	17.2 V RMS (2 hrs), 34.4 V peak
Maximum SPL	103 dB ave. Continuous Pink Noise (109 dB peak)
Sensitivity	86 dB, 1W/1m (ave. 100 Hz – 10 kHz)
Coverage Angle	100° x 100°
Directivity Factor (Q)	5.8 (averaged 1kHz – 16kHz)
Directivity Index (DI)	7.2 dB (averaged 1kHz – 16kHz)
Nominal Impedance	8 ohms (THRU setting)
Crossover Type	2nd order low-pass, 2nd order high-pass
Transformer Taps	70V: 15W, 7.5W, 3.7W, 1.8W100V: 15W, 7.5W, 3.7W Insertion Loss <0.43 dB at any tap setting Thru Setting: 8Ω nominal
Recommended ProtectiveHigh-Pass	70 Hz high-pass (24 dB/oct) (for 8Ω operation and for all 70V/100V taps settings).
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.
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 <sup>2</sup> ). Optional MTC-PC2 and MTC-PC3 protective panel covers available to provide sealed entrance for additional weather protection.
Agency Rating	ROHS-compliant; Transformer UL Recognized per UL1876
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.
Net Weight	1.8 kg (4.0 lbs)
Shipping Weight	3.85kg (8.5 lbs) for the pair-pack (for 2 speakers) 12.0kg (26.5lbs) for the master-pack (for 6 speakers)
Included Accessories	InvisiBall™ wall-mounting system), 4 mm x 80 mm hex key
Optional Accessories	MTC-23UB-1 – Yolk-type U-bracket (&-WH) MTC-23WMG-1 – WeatherMax grille with backing (&-WH) MTC-23CM – Ceiling-Mount InvisiBall adapter (&-WH)