

▲LTO's commitment to Music, Passion and Design leads us to widen the MS series by adding 6 new models, **MS8** and **MS8A**, two 8" speakers and four subwoofers. MS8 and MS8A are the integration of compactness and sound quality! The subwoofer's line is very complete, including the passive model **MS12S** as well as three active models - **MS12SA**, **MS15SA** and **MS18SA**. The latter models are the perfect partners of all MS speakers, developing incredible SPL at lower frequencies.

MS8

2-way 8" Passive Speaker Cabinet

- Configuration: 8", 2-way passive, full-range, vented box
- Power Rating: 150W continuous/ 300W peak (AES Standard)
- Impedance: 8Ω (nominal)
- Maximum SPL @ 1m: 116dB continuous/119dB peak ± 3dB (Calculated)
- Transducer Low: 8" woofer, 1.49" voice coil with double ventilation
- Transducer High: 1" **Neodymium** on Spherical Horn (Tractrix contour)
- Passive Crossover: 2.25kHz at 12dB/oct, with ▲LTO HF protection
- Enclosure Construction: MDF wood cabinet, glued and reinforced, black painted; metal handle and rubber foot
- Dimensions (HxWxD): 493 x 304 x 295 mm(19.41" x 11.97" x 11.54")
- Net Weight: 12.06kg (26.53lbs)



MH-8B
(optional)

MS8A

2-way 8" Active Speaker Cabinet

- Power System: 200W-BI-AMP-Analog Processor, with MODELLER
- Power Rating: 165W-LOW/35W-HIGH in EIAJ (AES Standard)
- Maximum SPL @ 1m: 117dB Continuous/ 120dB peak (± 3dB) (Calculated)
- Transducer Low: 8" woofer, 1.49" voice coil with double ventilation
- Transducer High 1" **Neodymium** on Spherical Horn (Tractrix contour)
- Input Connector: LINE-COMBO/ LINK-XLR Balanced (15kOhm)/ VOL. control/ MODELLER switch
- External Control: MODELLER with 16 preset/ Line Volume/ Clipping LED indicator/ Ground Switch
- Power Supply: 115-230V, in Switching Power Supply mode.
- Mounting/Suspension: Two point for suspension, one pole-mount, optional bracket
- Dimensions (HxWxD): 493 x 304 x 295 mm(19.41" x 11.97" x 11.54")
- Net Weight: 12.06kg (26.53lbs)



MH-8B
(optional)

MS12S

12" Passive Subwoofer Speaker Cabinet

- Power Rating: 300W continuous/ 600W Peak (AES Standard)
- Frequency Response: 36Hz - 180Hz (-10dB)
- Sensitivity (1W @ 1m): 98dB SPL (±3dB)
- Maximum SPL @ 1m: 121dB continuous/ 124dB Peak (±3dB) (Calculated)
- Impedance: 4 Ω (nominal)
- Passive Crossover: 125Hz at 12dB/oct
- Input Construction: Parallel SPK NL-4 for INPUT NL-2, OUTPUT NL-2
- Dimensions (HxWxD): 340 x 500 x 480 mm (13.39" x 19.69" x 18.9")
- Net Weight: 18.1kg(39.9lbs)



SPEAKERS

MS12SA 12" Active Subwoofer Speaker Cabinet

- Power System: 300W with Analog Processor
- Power Rating: 300W Continuous/ 500W Peak in EIAJ Standard
- Frequency Response (-10dB): 36Hz - 120Hz
- Maximum SPL @ 1m: 121dB Continuous/ 124dB Peak (± 3 dB) (Calculated)
- Input Type: Input with Combo/ Link with XLR
- Input Impedance: 30kOhms Balanced/ 15kOhms Unbalanced
- Output Power Rating: 250W (EIAJ)/ 200W (RMS)@ 8Ohms CLASS D
350W (EIAJ)/ 320W (RMS)@ 4Ohms
- Dimensions (HxWxD): 340 x 500 x 480 mm(13.39" x 19.69" x 18.9")
- Net Weight: 18.6kg(41lbs)



MS15SA 15" Active Subwoofer Speaker Cabinet

- Power System: 15" Compact subwoofer
- Frequency Response (-6dB): 42Hz - 125KHz under Analog processor
- Power Rating (AES standard): 1000W in EIAJ Standard/ 600W Continuous
- Maximum SPL @ 1m: 124dB Peak/ 121dB Continuous (Calculated)
- Input Connectors: L-R INPUT 2x XLR-F/ L-R OUTPUT 2x XLR-M (15kOhms) Balanced/ VOLUME control/ PHASE switch
- Input Impedance: 30kOhms Balanced/ 15kOhms Unbalanced
- Crossover Frequency: L-R OUTPUT with High Pass filter at 80Hz/12dB for two satellite
- Dimensions (HxWxD): 591 x 451 x 513 mm(23.27" x 17.76" x 20.2")
- Net Weight: 27kg (59.5lbs)



MS18SA 18" Active Subwoofer Speaker Cabinet

- Power System: 18" Compact Subwoofer
- Frequency Response (-6dB): 37Hz - 126Hz under Analog Processor
- Power Rating (AES standard): 1000W in EIAJ Standard/ 600W Continuous
- Maximum SPL @ 1m: 124dB Peak/ 121dB Continuous (Calculated)
- Input Connectors: L-R INPUT 2x XLR-F/ L-R OUTPUT 2x XLR-M (15k Ohms) Balanced/ Volume control/ Phase switch
- Input Impedance: 30kOhms Balanced/ 15kOhms Unbalanced
- Crossover Frequency: L-R OUTPUT with High Pass filter at 80Hz/ 12dB for two satellite
- Dimensions (HxWxD): 726 x 526 x 578 mm(28.58" x 20.7" x 22.76")
- Net Weight: 31.7kg (69.89lbs)

