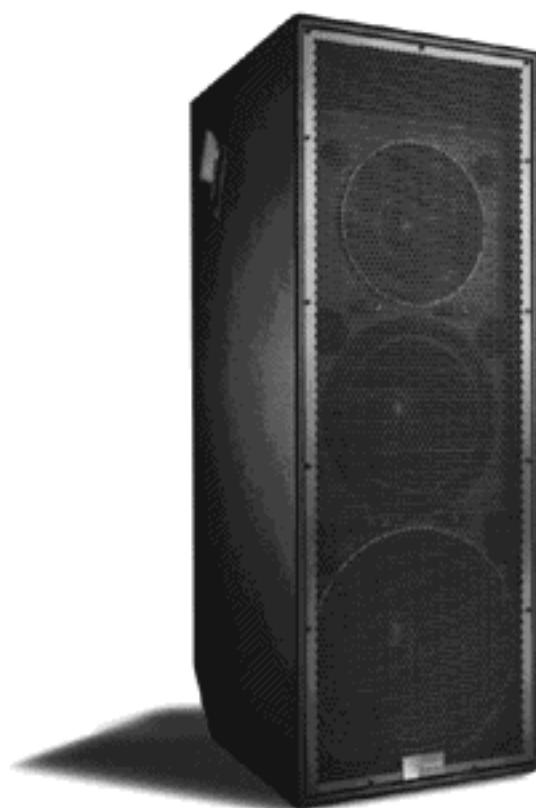


MTS-4 Self-Powered Loudspeaker System

70°H 60°V
 21 1/4" wide
 56 3/4" tall
 30" deep
 280 lbs (127 kg)
 Max SPL (Peak): 140 dB
 Freq Range: 32-18 kHz



Features

Exceptional low-frequency
 High peak SPL capability
 Wide audio range in one unit
 Four-way active, corrected x-over
 No extra subwoofer needed
 Integral amps and controllers

Applications

Main PA Arrays
 Concert reinforcement
 Cinema sound reinforcement
 Portable reinforcing
 Live music club systems
 Studio monitors

The MTS-4 is a fully integrated unit, containing all the drivers and amplifiers needed to handle both high frequencies and lower subharmonics. No extra subwoofers and no extra amplifiers are needed, and all of this comes in only seventeen cubic feet of cabinet!

Each of the three low frequency drivers has its own vented chamber, creating acoustical addition that gives the MTS-4 its impressive output levels. Its high frequency horn rounds-out the audio spectrum to produce a wide, flat frequency response (±3dB from 30Hz to 16kHz).

The MTS-4 is easy to set up. The power supply utilizes the [Intelligent AC® system](#), which provides for automatic voltage selection, EMI filtering, soft current turn-on, surge suppression and dual circuit breakers. Simply plug in a power source and an audio signal.

The power system utilizes a dual fan, forced air cooling system which removes the heat *from the heatsink* and exhausts it to the rear. Since air is not directed over the electronics themselves, dirt cannot accumulate on sensitive components -- increasing the reliability of the amplifiers.

The MTS-4 is as impressive to listen to as it is easy to install, with phase corrected drivers, balanced input circuitry and constant time response.

Servicing of the MTS-4 is facilitated by a rear access panel; the entire power/amplifier module can be removed and replaced.

MTS-4 Specifications

[Click here](#) for a graphic of the line drawings with dimension measurements included. You can also download this [product data sheet](#) in [Adobe Acrobat](#) format.

Acoustical (each loudspeaker)	
Frequency Response 1	±3 dB from 30 Hz to 16 kHz
	-6 dB at 26 Hz and 18 kHz
Phase Response 1	±70° from 90 Hz to 17.2 kHz
Maximum SPL 1	140 dB peak@1 meter
Dynamic Range	>110 dB
Coverage Angle	70° horizontal by 60° vertical
Crossover	
Transducers	
Sub Frequency	18" diameter MS-18 cone
Low Frequency	15" diameter MS-15 cone
Middle Frequency	12" diameter MS-12 cone
High Frequency	2" throat (4" diaphragm) MS-2001A compression driver
Audio Input	
Type	25k ohm impedance, electronically balanced
Connector	XLR (A-3) male and female
Nominal Input Level	+4 dBu
Amplifiers	

Type	Complementary power MOSFET output stages (audio class AB/H)
Burst Capability 2	2480 watts (620 watts/channel)
THD, IM, TIM	< .02 %
AC Power	
Connector	250V NEMA L6-20 (Twistlock) inlet or IEC 309 male inlet 3
Automatic Voltage Selection	95-125 VAC and 208-235 VAC; 50/60 Hz 4
Operational Voltage Range	Turn on: 85 VAC; Turn off: 134 VAC; 50/60 Hz Turn on: 165 VAC; Turn off: 264 VAC; 50/60 Hz
Max Continuous RMS Current (>10 s)	115 V: 14 Arms 230 V: 7Arms 100V: 16Arms
Max Burst RMS Current (<1 sec)	115 V: 26 Arms 230 V: 13 Arms 100V: 30 Arms
Max Peak Current During Burst	115 V: 36 Apk 230V: 18 Apk 100V: 42 Apk
Soft-Current Turn-on	Inrush current <12A @ 115V
Physical	
Dimensions	21 1/4" W x 56 3/4" H x 30" D
Weight	280 lbs (127 kg)
Enclosure	Multi-ply hardwood
Finish	Black textured
Protective Grill	Hex perforated metal screen, foam covering
Rigging	Aircraft pan fittings, three on top and two on the bottom. Working load for each fitting is 600 lbs, which is 1/5 the cabinet breaking strength (with straight tensile pull).

Footnotes:

1. Subject to half-space loading, measured with one-third octave frequency resolution in fixed ISO bands. .
2. Nominal 8 ohm resistive load, pink noise, 100V peak. .
3. Other connectors available. Fore European applications, the IEC 309 (16A) panel is used. .
4. The unit is rated at 95-125 VAC and 208-235 VAC, 50/60 Hz, to satisfy EC standards for -10% to 6% AC line voltage.

[Click here](#) for a graphic of the line drawings with dimension measurements included. You can also download this [product data sheet](#) in [Adobe Acrobat](#) format.

Solutions

Art Exhibitions	Restaurants/Bars/Clubs
Cinema	Retail
Corporate AV	Sports Venues
Cruise Ships	Theatre
Live Performance Venues	Worship
Live Sound	Other

Quick Links

SoundLab	Information Request
Patents	Product Poster
Careers	QuickFly Rigging
Event Calendar	Swag
Software Updates	Worldwide Offices
Open Source	Maps & Directions
Financing (US & Canada)	

Connections

Meyer Sound Contacts
Newsletter Subscriptions

