

Quite Simply... The Best in Bass

ServoDrive™ ContraBass Subwoofer

No Other Subwoofer Can Go as Low!

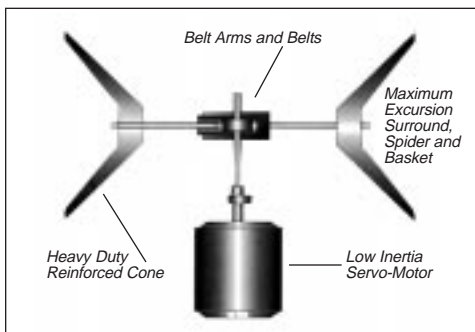
- The only subwoofer of its size capable of producing almost two acoustic watts at 16 Hz.
- Accurate, extended-range, low frequency response with high acoustic output in a compact size.
- Perfect for churches, home theaters, cinemas, smaller discos and clubs, live theater effects, amusement parks, sound cancellation, live and recorded music.
- Useable frequency of 14 Hz to 125 Hz.

What Happens When You Use a ContraBass?

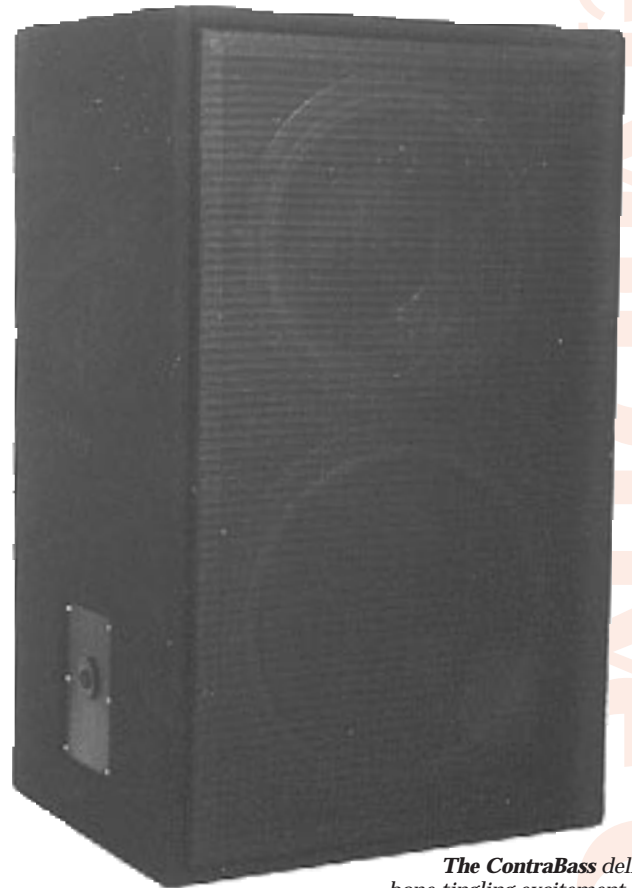
- Special effects take on a life of their own in home or live theaters.
- Thrill-seekers at amusement parks get an extra kick.
- Chest pounding bass excites the dance-club crowd.
- Resounding organ tones uplift the hearts of the congregation.

ServoDrive™ Technology

Like other ServoDrive loudspeakers, the ContraBass™ Subwoofer utilizes the patented Servo-Motor-Drive concept. Created by innovative designer, Thomas Danley, the ServoDrive concept maintains its singular position in an industry crowded with me-too products. Instead of using the traditional and limited



voice-coil magnet arrangement, all ServoDrive loudspeakers incorporate an advanced DC servo-motor and belt driven system. By remov-



The ContraBass delivers bone-tingling excitement with smooth response and little distortion.

ing the voice coil, ServoDrive eliminates voice coil non-linearity and the resulting harmonic distortion.

ContraBass – No Other Sub Can Deliver the Low Like a Servo!

Dare to compare. Take a look at the specifications for the ContraBass, then compare them to other subwoofers. No other cabinet even comes close. Covering the bottom two octaves (16-32 and 32-64Hz), the ContraBass delivers bone-tingling excitement with smooth response and little distortion.

ServoDrive Subwoofers are at the Bottom of . . .

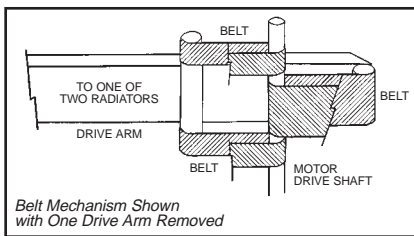
Worldwide Tours: Garth Brooks, U2, Travis Tritt, Billy Sheehan, Hank Williams Jr., George Strait, Phish, Lyle Lovett, Dwight Yokum, Lee Greenwood, and Michael Jackson.

Amusement Parks, Churches, Las Vegas Attractions, Discos and More: Disney World, Earthquake and Kong at Universal Studios, The Mirage Volcano, Buccaneer Bay at Treasure Island, The MGM Hotel, The Siegfried and Roy Show, Euro-Disney, Showcase Film Corporation, Mt. St. Helena Visitor Center, Epcot, Special Olympics, and Blumenthal Performing Arts Center.

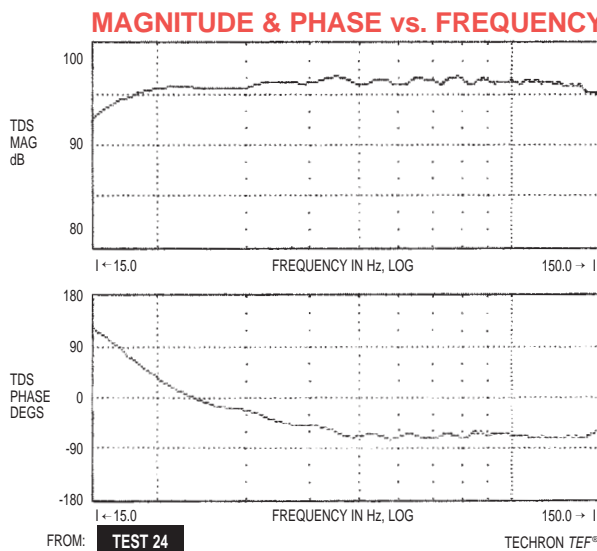
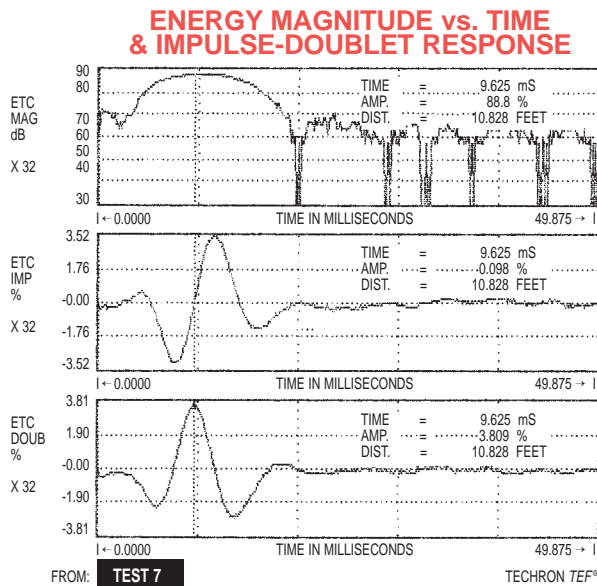
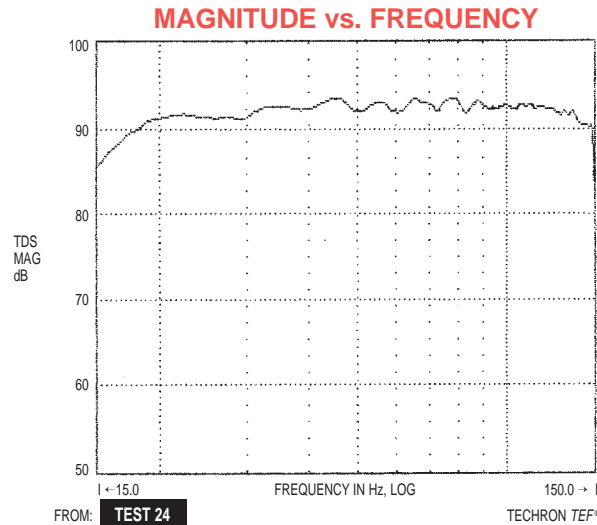
ServoDrive ContraBass

How Does the ContraBass Work?

Based on a special high-tech, low inertia motor with unlimited motion or rotation, the servo-motor has none of the limitations of a conventional voice coil. The rotation in either direction is exactly proportional to the input signal voltage and current. As a result of this tight electrical coupling the servo-motor is able to follow a waveform of typical music, special effects or organ pedal tones with unusually good accuracy and transient response. The brush-commutated, low-inertia servo-motor generates rotations that are converted to the familiar linear motions in a mechanical fashion.



A rotary-to-linear motion converter (see above) is connected to specially strengthened radiators by means of driveshafts. It is inherently more rugged than a voice coil, both mechanically and electrically. Given none of the restrictive attributes of traditional low frequency enclosures, greater cone excursions are possible. Due to the fact that the thermal time constant on the motor armature is long, large short term power levels can be safely tolerated resulting in a full frequency response of 16 to 125 Hz to be produced accurately and cleanly. Levels of harmonic distortion and non-linearity remain quite small at large excursions and power levels. The ContraBass' low frequency response vs. size vs. acoustic power is not available from any other design.



SPECIFICATIONS

Model:	ContraBass
Useable Frequency Response:	16Hz to 125Hz
Amplifier Capacity	
Continuous Power:	200 Watts RMS
Peak Power Capability:	500 Watts
Sound Pressure Level 1W/1m:	92 dB
Sound Pressure Level at Rated Continuous 1m:	114dB at 16Hz
Nominal Impedance:	3 ohms average
Nominal Dispersion:	Omnidirectional
Radiators:	2 Active 15" 2 Passive 18"
Maximum Excursion/Driver:	1 3/4" Peak-to-Peak (18" passive) 3/4" Peak-to-Peak (15" Driven)
Low Frequency Limit (-3dB):	15Hz
High Frequency Limit (-3dB):	125Hz
Recommended Crossover Frequency:	80 to 100Hz
Recommended Crossover Slope:	12dB Octave or More
Weight:	120 lbs.
Size:	18" x 22 1/2" x 37"
Finish & Features:	Black Indoor/ Outdoor Carpeting with Handles
Connectors:	Neutrik "Speakon" (Other Connectors Optional)