

## TERRA AC.SUB All Climate Subwoofer



### The Epicenter of Your Outdoor Sound Experience™

Even the best outdoor speakers can't move enough air to generate great bass. And deep bass is critical to musical enjoyment. Featuring the same key technologies found in the acclaimed AC Series All Climate speakers, the Terra AC.SUB brings deep and rich bass to your outdoor sound experience.

Designed for installation above or partially below ground, the AC.SUB combines effortlessly with our highly regarded AC Series outdoor speakers. Available in a green, black or custom-colored enclosure, the AC.SUB blends into the landscape while providing weather resistance far beyond ordinary outdoor products.

Hand-built in Maine, the Terra AC.SUB is designed to last, backed by a limited lifetime warranty.

Complete your outdoor "soundscaping" with the Terra AC.SUB and acclaimed AC Series speakers. You'll experience a level of outdoor musical performance and enjoyment you never thought possible.



▲ Below-ground installation

**ACAD: Anodized-Ceramic Aluminum Diaphragm**



One of the founding principles of Terra is that metal is the best choice for a speaker cone. Terra's proprietary anodizing method strengthens the aluminum cone and also damps it to minimize vibration. The result is a cone that's as light and rigid as possible – two qualities essential for producing great sound. And unlike ordinary cone materials, ACAD is immune to harsh outdoor environments and won't degrade over time.



**Above or Below-Ground Installation**

The AC.SUB can be installed free-standing or partially buried in the earth, up to the lip just below the mesh grille. Although the AC.SUB is weather-proof it's always advisable to choose a location that doesn't flood or is in the path of large amounts of run-off. Since bass frequencies below 100Hz are difficult for the human ear to localize, you can place the AC.SUB anywhere within the general listening area.

**MFCS: Magnetic Fluid Centering System**



In a conventional loudspeaker the "spider" – typically a pleated fabric – acts like a spring to return the voice coil (and the cone) back to its starting position, centered within the magnet's gap. The Terra bass driver does away with the spider entirely, instead using a special magnetic fluid in the gap. This fluid provides the restoring force – in the form of magnetic attraction – needed to guide the voice coil and keep it centered within the gap. MFCS is immune to harsh environments and won't degrade over time.



**Sealed Enclosure**

The best way to keep the elements out is to give them no way in. The AC.SUB uses a sealed enclosure that keeps out moisture and particles. In addition, the speaker frames are made from corrosion-resistant cast alloy. Finally, a stainless steel mesh grille prevents debris from collecting on top of the driver (especially when installed below-ground).

AC.SUB SPECIFICATIONS	
INPUTS	Standard: 6' pigtail. Optional: Conxall® watertight connector
ACTIVE DRIVER	10" ACAD with 2" voice coil; cast alloy frame
PASSIVE DRIVER	12" ACAD; cast alloy frame
FREQ. RESPONSE	26Hz – 115Hz, ±3dB
CROSSOVER	Optional: 125Hz, 12dB/octave (internal)
IMPEDANCE	8 ohms
SENSITIVITY	87dB (1 Watt @ 1m)
POWER HANDLING	Recommended minimum 300W; 500W max.
DIMENSIONS	22.5" dia. (top) tapers to 14.75" (lower section); 22.5" high
NET WEIGHT (EA.)	29.0 lbs. / 13.2 kg
SHIP WT. (PAIR)	39.0 lbs. / 17.7 kg



**Below-Ground Anchor Threads**

Three threaded inserts spaced around the bottom chamfer of the cabinet accept 1/4-20 bolts. For below-ground installation, using such bolts helps prevent the cabinet from moving when the ground freezes or gets saturated.



**Optional Watertight Connector**

The AC.SUB comes standard with a six-foot pigtail cable. A Conxall® marine-grade watertight connector is available as an option. Why? Because in years of servicing other outdoor speakers, Terra's engineers have encountered plenty of corroded connectors!



Visit [www.terraspeakers.com](http://www.terraspeakers.com) to learn about Terra's entire range of All Climate and Custom Application loudspeakers.

**TERRA AC SERIES**  
All Climate Loudspeakers



**TERRA CA SERIES**  
Custom Application Loudspeakers

