

TERRA AC SERIES

All Climate Loudspeakers



Now Playing in ANY Climate Near You™

Terra's enhanced AC Series All Climate loudspeakers use innovative design and superior construction to deliver the quality of sound you'd expect from fine indoor speakers... outdoors. But unlike most "weather resistant" speakers, Terra speakers are weather proof. These new AC models include modified woofers and revised crossover networks, delivering deeper and more powerful bass response and a smoother midrange for more natural sounding voices and instruments.

Terra hand-builds our speakers here on the coast of Maine, where Autumn is rainy, Winter is snowy, Spring is muddy, and Summer is short and salty. So it should come as no surprise that Terra speakers can withstand pretty much anything Mother Nature can dish out. And still sound great doing it. In fact, we're so confident in our durability we give you a Limited Lifetime Warranty, for your long term peace of mind.

In addition to outdoor music systems, a growing number of outdoor home theaters are being installed today and Terra's AC Series is ideal for use in these systems. Three front speakers, two or more surrounds, and our AC.SUB make for spectacular audio/video home entertainment in the great outdoors.

Terra's advanced WIDE-FI™ models allow enjoyment of the stereo experience from a single loudspeaker, adding design flexibility to your outdoor entertainment system. Plus our Location Balanced Sound™ voicing means Terra All-Climate speakers will sound great in your system just about anywhere you'd care to listen.

Just as you consider quality landscaping an integral part of your outdoor lifestyle, consider advanced "soundscaping" with Terra AC Series speakers and subwoofers. They'll multiply your enjoyment of every outdoor moment, for years to come.

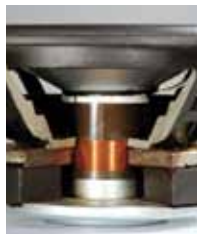


For enhanced bass performance, add the unique Terra AC.SUB, designed for installation above or partially below ground and a perfect complement to your AC Series loudspeakers.



Enhanced “e” models

Our 6.5-inch woofer has been heavily revised to deliver deeper and more powerful bass response from the same attractive AC Series enclosures. In addition the frequency dividing networks (crossovers) have been computer optimized to fully integrate the new woofers in the system and to smooth the critical mid-range output. The result is more natural sounding voices and musical instruments that will bring you closer to that elusive goal of hearing every subtle nuance of the original performance.



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 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 outdoor environments and won’t degrade over time.



Watertight Connectors

X and XT versions feature a marine-grade watertight connector for the speaker cable. Why? Because in years of servicing other outdoor speakers, Terra’s engineers have encountered plenty of corroded connectors! Be assured that unlike other so-called “weatherproof” speakers, these Terra models don’t have to be mounted under eaves or protected from rain, sleet, or snow.



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 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.



Easy & Flexible Mounting

Terra mounting brackets can be installed vertically or horizontally, on a flat surface, or spanning a corner. A pole mounting kit is also available. And no tools are needed to attach the bracket to the speaker – simply spin on the large, easy to grip end caps. To change the speaker’s angle, just loosen the end caps, pivot the speaker and re-tighten.

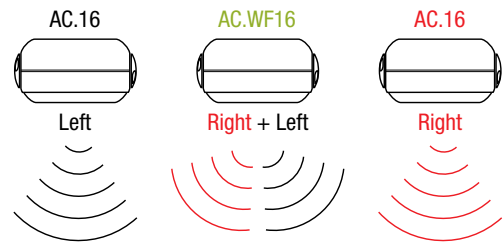


Location Balanced Sound

Outdoor speakers are often mounted up against a wall or under the eaves of a house. This negatively impacts the sound of any speaker from an effect called “boundary gain”. Additionally, most outdoor audio listening is done in less than ideal seating locations, as listeners are almost never “in the sweet spot”. Terra speakers have been designed to compensate for these kinds of real world situations and deliver exceptionally pleasing, high fidelity sound when installed around your home.

WIDE-FI™ WIDE-FI™ Stereo Models

Terra’s WIDE-FI AC models include left- and right-channel speaker drivers in a single enclosure, allowing you to enjoy stereo sound in any location, without the need for two separate speakers. The result is everyone can hear both channels of a stereo signal no matter where they’re sitting in the listening area. Indeed, WIDE-FI models can be combined with additional single-channel AC speakers to create an extremely broad stereo sound field, as illustrated below.



UniCavity™ Enclosure

The best way to keep the elements out is to give them no way in. Terra’s UniCavity enclosure is molded in one piece via a rotational molding process that yields uniform wall thickness and a seamless aesthetic. The threaded end caps that secure the multi-angle aluminum bracket attach to a screw post that is part of the mold (thus, no screw hole). The cabinet’s thickness and rigidity minimize vibrations that would color the sound. The rounded baffle minimizes second-order harmonic distortion typical of conventional angular baffles. The result? Clearer, more accurate sound. All AC speakers are available in White, Black, Green or a custom color.



MODEL	AC.15e/15e.P/15e.X	AC.15e.XT	AC.16e/16e.P/16e.X	AC.16e.XT	AC.17e/173.P/17e.X	AC.17e.XT	AC.WF16e/16e.P/16e.X
INPUTS	AC.15e: 5-way gold-plated posts AC.15e.P: 6' pigtail AC.15e.X: Conxall® watertight connector	Conxall watertight connector with selector switch: 8Ω, 4W, 8W, 16W, 32W	AC.16e: 5-way gold-plated posts AC.16e.P: 6' pigtail AC.16e.X: Conxall watertight connector	Conxall watertight connector with selector switch: 8Ω, 4W, 8W, 16W, 32W	AC.17e: 5-way gold-plated posts AC.17e.P: 6' pigtail AC.17e.X: Conxall watertight connector	Conxall watertight connector with selector switch: 8Ω, 4W, 8W, 16W, 32W	AC.WF16e: 5-way gold-plated posts AC.WF16e.P: 6' pigtail AC.WF16e.X: Bulgin® watertight connector
MID/BASS DRIVER	6.5" ACAD™ & MFCS™; Cast aluminum frame	6.5" ACAD & MFCS; Cast aluminum frame	6.5" ACAD & MFCS; Cast aluminum frame	6.5" ACAD & MFCS; Cast aluminum frame	6.5" ACAD & MFCS; Cast aluminum frame	6.5" ACAD & MFCS; Cast aluminum frame	WIDE-FI stereo: (2) 5.25" ACAD & MFCS with coaxial tweeters; Cast aluminum frames
TWEETER	Coaxial 20mm Titanium dome	Coaxial 20mm Titanium dome	1.1" Titanium inverted dome	1.1" Titanium inverted dome	1.1" Titanium inverted dome	1.1" Titanium inverted dome	
FREQ. RESPONSE	85Hz – 20kHz, ±3dB	85Hz – 20kHz, ±3dB	75Hz – 23kHz, ±3dB	75Hz – 23kHz, ±3dB	55Hz – 23kHz, ±3dB	55Hz – 23kHz, ±3dB	80Hz – 20kHz, ±3dB
IMPEDANCE	8Ω	Built-in transformer with 8Ω Direct and 70V inputs (4/8/16/32W taps)	8Ω	Built-in transformer with 8Ω Direct and 70V inputs (4/8/16/32W taps)	4Ω	Built-in transformer with 8Ω Direct and 70V inputs (4/8/16/32W taps)	8Ω (4Ω parallel)
SENSITIVITY	89dB (1 Watt @ 1m)	89dB (1 Watt @ 1m)	90dB (1 Watt @ 1m)	90dB (1 Watt @ 1m)	91dB (1 Watt @ 1m)	91dB (1 Watt @ 1m)	90dB (1 Watt @ 1m)
PWR. HANDLING	125 Watts	125 Watts	150 Watts	150 Watts	225 Watts	225 Watts	125 Watts
COLOR	□ ■ ■	□ ■ ■	□ ■ ■	□ ■ ■	□ ■ ■	□ ■ ■	□ ■ ■
DIMENSIONS (HxWxD)	inch: 10.5 x 9.5 x 8.5 mm: 267 x 241 x 216	inch: 10.5 x 9.5 x 8.5 mm: 267 x 241 x 216	inch: 15 x 9.5 x 8.5 mm: 381 x 241 x 216	inch: 15 x 9.5 x 8.5 mm: 381 x 241 x 216	inch: 18.5 x 9.5 x 8.5 mm: 470 x 241 x 216	inch: 18.5 x 9.5 x 8.5 mm: 470 x 241 x 216	inch: 15 x 9.5 x 8.5 mm: 381 x 241 x 216
NET WEIGHT (EA.)	9.0 lbs / 4.1 kg	10.5 lbs / 4.8 kg	12.0 lbs. / 5.5 kg	13.5 lbs. / 6.1 kg	17.5 lbs. / 7.9 kg	18.5 lbs. / 8.4 kg	14.0 lbs. / 6.4 kg

