

ALL WEATHER IN-CEILING SERIES

 MONITOR AUDIO





NOW YOU CAN RELY ON GREAT SOUND, WHATEVER THE WEATHER!

Don't keep the sound you love inside the home, share it with family and friends on the patio, by the pool or on deck afloat on the ocean! When more of us are enjoying the freedom of recreation in the great outdoors, make the party with a burst of full-range fidelity from the new super-discreet weatherproof AWC series speakers, created specifically for sound outdoors.

Developed using all-C-CAM®* driver systems derived from our critically acclaimed hi-fi speakers, the four new All Weather In-Ceiling models are meticulously engineered with advanced levels of water, dust, corrosion, UV and temperature protection to provide outdoor audio installations with great sound and long-term reliability in the most challenging all-weather environments.

DISCREET HIGH PERFORMANCE, COME RAIN OR SHINE

Monitor Audio has crafted generations of award-winning music and AV speaker systems to deliver jaw-dropping entertainment inside the home. With the AWC series we've adapted the same innovative audio technologies for super discreet in-wall/ceiling applications. Not only will the new AWC designs reproduce our naturally rhythmic and fluid wideband sound quality in the open air around pools, showers, Jacuzzis and marine decks, they'll perform beyond expectations in the most discreet way possible by installing flush with exterior walls and ceilings.

STEALTHY, PRACTICAL, VERSATILE AND RELIABLE

The new AWC series comprises stylish two-way 6^{1/2}" and 8" models (AWC265 and AWC280) with single speaker stereo (T2) variants, the AWC265-T2 and AWC280-T2. Anodised black for stealthy in-wall/ceiling integration, the C-CAM bass drivers combine co-axially with Monitor Audio's renowned 1" C-CAM tweeters, which are twinned and angled on the T2 versions to deliver high performance stereo sound from a single unit where space is limited.



AWC265



AWC265-T2



AWC280



AWC280-T2

BUILT TO BEAT THE WEATHER GODS

The AWC Series design deploys materials selected for stability across an extremely wide temperature range. Protecting the drive systems are low profile trimless grilles engineered from high-grade stainless steel and fixed using special non-corroding rare earth magnets for easy utility. The rear of each model is completely encased in tough mineral-filled polymer to prevent the ingress of dirt and moisture, and where it meets wall or ceiling a layer of specially formulated EPDM barrier material ensures a long-lasting waterproof seal. Also at the back, silicon-guard-protected push terminals are joined by high frequency level adjustment controls, designed to optimise response in a range of environments from wide open spaces to tiled pool areas.

EASY AND SECURE INSTALLATION

Trouble-free and secure installation is offered through Monitor Audio's innovative Tri-Grip™ fixing system, which is easier to install than conventional 'dog' fixings and provides three times the clamping surface area for a better surface seal, maximising bass response and mid-range clarity.

PERFORMANCE, LUXURY AND UTILITY ALL-IN-ONE

Monitor Audio's premier all-weather in-wall/ceiling designs are created to offer the best weather-proof audio option available. This means award-winning sound quality from proven technologies in a stealthy fully-fitting format certified and protected from the extremes of climate to provide years of high audio performance, whatever the weather!

The AWC Series joins our established 'Climate' range of weather-proof cabinet speakers to extend the choice of robust all-weather options available from Monitor Audio's wide architectural speaker line-up.

KEY FEATURES

- High Performance C-CAM bass and high frequency drivers
- Stainless Steel 'Trimless' grille – strong and resistant to corrosion
- Non-ferrous Samarium Cobalt magnets for grille attachment – prevent rust and corrosion
- IP55 certified for Extreme climate conditions: Salt Spray, UV stability, Water, Vibration, Anti-corrosion
- Patented Tri-Grip dog leg fixings
- EPDM barriers to prevent moisture. EPDM is an extremely durable synthetic rubber membrane (ethylene propylene diene monomer)
- Gold plated push terminals with silicon cover (fig. A)
- Stainless fixing screws with Silicone covers (fig. B)
- Tweeter level attenuation (internal) – set prior to installation
- Applications: pool rooms, bathrooms, marine decks; universal outdoor installation.



(fig. A - above)

(fig. B - below)



SPECIFICATIONS

| | AWC265 | AWC265-T2 | AWC280 | AWC280-T2 |
|-------------------------------------|---|---|---|---|
| Frequency Response (-6dB) | 60Hz – 30kHz | 60Hz – 30kHz | 50Hz – 30kHz | 50Hz – 30kHz |
| Impedance (nominal) (min) | 8Ω 4.4Ω @190Hz | 8 + 8Ω 4.5Ω @185Hz | 8Ω 4.5Ω @185Hz | 8 + 8Ω 4.5Ω @185Hz |
| Sensitivity (1W @ 1M) | 88dB | 88dB (both channels driven) | 89dB | 89dB (both channels driven) |
| Maximum SPL | 105.8dBA | 105.8dBA | 109dBA | 109dBA |
| Power Handling (RMS) | 60W | 60W | 100W | 100W |
| Recommended Amp Requirements | 20 – 60W | 20 – 60W | 20 – 100W | 20 – 100W |
| Drive Unit Complement | 6 ^{1/2} " C-CAM Bass drivers 1 x 25mm (1") C-CAM Gold Dome tweeter (fixed angle) | 6 ^{1/2} " C-CAM Bass drivers 2 x 25mm (1") C-CAM Gold Dome tweeter (fixed angle) | 8" C-CAM Bass drivers 1 x 25mm (1") C-CAM Gold Dome tweeter (fixed angle) | 8" C-CAM Bass drivers 2 x 25mm (1") C-CAM Gold Dome tweeter (fixed angle) |
| Adjustment Controls | HF Level Switch (+3dB / 0dB / -3dB) – adjustable at the point of installation | | | |
| Connection | 2 x (1 pair) Gold plated push style terminal | 2 x (2 pairs) Gold plated push style terminal | 2 x (1 pair) Gold plated push style terminal | 2 x (2 pairs) Gold plated push style terminal |
| Overall Diameter (including grille) | 250mm (9 ^{13/16} " | | 285mm (11 ^{1/4} " | |
| Overall Depth (including grille) | 93.5mm (3 ^{1/2} " | | 102.5mm (4 ^{1/32} " | |
| Cut Out Diameter | 211mm (8 ^{1/4} " | | 247mm (9 ^{3/4} " | |
| Mounting Depth | 88mm (3 ^{1/2} " | | 97.55mm (3 ^{7/8} " | |
| Fixing Type | 3 position Tri-Grip™ dog leg fixings | | | |
| Construction Materials | Mineral Filled PC-ABS Polymer (UL V0 Fire Retardant, RoHS2 Compliant) SS430 Stainless Steel Samarium Cobalt | | | |
| Pre-Construction Bracket | CB6 (Purple) | | CB8 (Green) | |
| Weight | 2.04kg (4lb 8oz) | | 2.8kg (6lb 2oz) | |
| Operating Temperature Range | -34° to 79° C / -29° to 174° F | | | |
| CERTIFICATION / APPROVALS | | | | |
| Salt Spray | ASTM-B117 | | | |
| UV Test | ASTM-G154 | | | |
| IEC / CEE Water Splash (front) | IP55 | | | |
| Vibration | ASTM D3580 | | | |
| Anti-corrosion | MIL-STD-883H | | | |

*WHAT IS C-CAM?

Ceramic-Coated Aluminium/Magnesium is an innovative material originally developed by the aerospace industry for use as blades in jet engines. It exhibits ideal qualities for use as a driver dome, avoiding the 'break-up' or bending modes of more conventional materials. Increased efficiency and clarity and reduced distortion are the result.



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