



PRELIMINARY - subject to change without notice

## AcousticDesign Series™ AD-DWL loudspeakers

### KEY FEATURES

- 180° or 360° directional coverage models; direct sound where you need it
- Elevated bollard design allows sound to travel above obstructions
- Permanent direct-to-concrete or in-earth base supports resist tampering
- Green enclosures (RAL 6020) allow for unobtrusive aesthetic (or take advantage of paintable exterior finish)
- Durable polypropylene/fiberglass construction and stainless-steel hardware; no fragile paper cone components
- IP55 (Ingress Protection rating) and UL 1480 Compliant
- Intrinsic Correction™ advanced QSC voicing filter sets available via Q-SYS or CXD DSP amplifier platforms
- Designed for a wide range of environmental conditions from -5 - 50C (20 - 125F), high humidity, and salt mist conditions.



### AcousticDesign Series™ AD-DWL loudspeakers

Premium outdoor landscape loudspeaker system

The QSC AcousticDesign™ Series AD-DWL loudspeakers have been weatherized offering a superior and ruggedized to face the elements while offering a superior customized sound experience for your outdoor installation and providing a lasting return on investment.

### BENEFITS

**Optimal Outdoor Sound Experience:** Typical outdoor loudspeakers are inevitably placed in a myriad of locations, and when installed among obstructive landscaping or other recessed areas, the sound quality can suffer. The AcousticDesign™ Series Direct Weather landscape loudspeakers address this with an elevated bollard design, allowing sound to travel above obstructions while its unobtrusive green color (RAL 6020) and style allows it to blend with the environment. The available 180° model (AD-DWL.180) or 360° coverage model (AD-DWL.360) enables customization for your unique environmental requirements, and the companion subwoofer further elevates your sound profile. Whether your loudspeaker location is nestled alongside a sleepy footpath where audio directionality is key or in the middle of a busy thoroughfare where you need to maximize coverage, you have options with AD-DWL.

**Impact Resistant:** With a lasting trend toward outdoor gatherings, landscape loudspeakers are exposed to more traffic than ever, from stray lawnmowers to party-going patrons. All AD-DWL models protect your investment by providing direct-to-concrete or in-earth base supports for permanent installation, all with a common footprint for ease of installation. Pair that with tamper-resistant screws and a rugged exterior, and theft risk is minimized compared to competitor offerings. The raised bollard design also creates greater patron safety by minimizing trip hazards (compared to lower-profile outdoor alternatives).

**All Weather Durability:** Lower quality outdoor loudspeakers often fail when faced with constant weather-based challenges. Built to endure even the harshest marine environments, the AcousticDesign™ Series Direct Weather Series loudspeakers are built with durable polypropylene/fiberglass construction, stainless-steel hardware and feature an Ingress Protection (IP) Rating of IP55. Free from fragile paper cone components that can quickly deteriorate, your total cost of ownership becomes much less with AD-DWL.

**AcousticDesign Series:** As a part of the QSC AcousticDesign Series, the Direct Weather landscape loudspeakers are designed for clarity and presence, creating a pristine audio experience. These premium outdoor loudspeakers offer the same sonic characteristics across all AcousticDesign Series form factors to allow design flexibility for any installed application. You can also take advantage of Intrinsic Correction™ advanced QSC voicing filter sets (via Q-SYS or CXD DSP amplifier platforms) to reduce installation and setup time by providing QSC-approved voicings. Intrinsic Correction™ also delivers the benefit of additional loudspeaker protection, guarding your loudspeaker from overdrive or misuse and thereby extending their longevity.

## QSC AD-DWL Series preliminary specifications

	AD-DWL.360 / AD-DWL.180	AD-DWL.SUB
<b>Description</b>	5.25 in two-way, landscape bollard, with transformer 360° coverage / 180° coverage	Dual 5.25 in subwoofer landscape bollard, with transformer
<b>Transducers</b>	5.25 in (135 mm) weather resistant cone woofer, ferrite magnet, rubber surround 2x 1 in (25 mm), aluminum dome tweeter, rubber surround (360) / 1 in (25 mm), aluminum dome tweeter, rubber surround (180)	2x 5.25 in (135 mm) weather resistant cone woofer, ferrite magnet, rubber surround
<b>Freq. range (-10 dB)</b>	55 Hz - 25 kHz	48 – 200 Hz
<b>Sensitivity</b>	360 >84 dB @ 1 W/1 m (200–10 kHz) / 180 > 84 dB @ 1 W/1 m (500 - 5 kHz)	>84 dB @ 1 W/1m
<b>Rated noise power</b>	80 W	160 W
<b>Coverage (-6 dB)</b>	360° (500 Hz – 5 kHz) / 180° (500 Hz – 5 kHz)	Omni
<b>Directivity factor</b>	TBD	TBD
<b>Directivity index</b>	TBD	TBD
<b>Max SPL (continuous/peak)</b>	104 dB / 110 dB	106 dB / 112 dB
<b>Taps (70/100 V)</b>	7.5 W, 15 W, 30 W, 60 W / 15 W, 30 W, 60 W	12.5 W, 25 W, 50 W, 100 W / 25 W, 50 W, 100 W
<b>Nominal Impedance</b>	16 Ω	
<b>Input</b>	Wire pig-tail, blunt	
<b>Enclosure material</b>	Glass-Filled PP, F1-F2 UL Rated	Glass-Filled Polypropylene, F1-F2 UL Rated
<b>Color</b>	RAL 6020	
<b>Grille material</b>	Polyester fabric on polycarbonate frame	
<b>Net weight</b>	10.36 lb (4.7 kg)	
<b>Shipping weight</b>	14.8 lb (6.7 kg) est.	
<b>Operational Temperature</b>	-5-50 C (23 -122 F)	
<b>Product dim. (HxWxD)</b>	30.16 x 6.46 x 6.46 in (766 x 164 x 164 mm) (not including base support)	
<b>Shipping dim. (HxWxD)</b>	38.23 x 10.63 x 10.63 in (971 x 270 x 270 mm)	
<b>Box contents:</b>	1 x loudspeaker, 1x collar, 1x Quick Start Guide, 1x installation template, 1x paint mask, 4x collar Torx screws, 1x Torx bit	
<b>Agency</b>	UL1480, CE, ROHS	

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