AUDIOTECHNIK

# COX 12 WP

ALL-WEATHER COAXIAL POINT SOURCE

## PRODUCT FEATURES

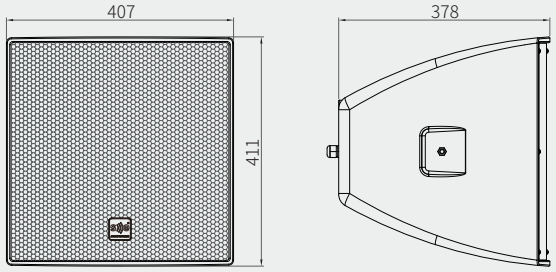
- Coaxial point source
- Horn-loaded design
- Passive crossover network
- Overload protection
- Polymer resin enclosure
- IP56 rating for all-weather operation
- Available in black and gray



## APPLICATIONS

Indoor and outdoor speech and music reinforcement such as theme park, fountain plazas, sports venues, playgrounds, outdoor dining bars, swimming pool, and more.

## PRODUCT DRAWING




## PRODUCT DESCRIPTION

Built for year-round performance in exposed locations, COX 12 WP combines a weather-resistant polymer enclosure with a multi-layer protective grille to keep out dust and water while maintaining acoustic transparency. A double-sealed connection panel with cable-gland entries preserves the enclosure's protection, including when the cabinet is installed on a slight tilt. Exterior metalwork and mounting hardware use corrosion-resistant finishes to withstand sun, humidity, salt air, and temperature swings—ensuring dependable operation and a clean appearance over time.

At its acoustic core, COX 12 WP employs a true coaxial topology with a horn-loaded high-frequency section. Acting as a single acoustic source, it delivers coherent imaging, uniform voicing and controlled coverage—ideal for intelligible speech and musical clarity in outdoor and reflective spaces. The tuned low-frequency design provides punch and warmth, while a passive crossover with overload protection simplifies integration with standard installation amplifiers and keeps the system robust under daily use. Input and link terminals enable straightforward daisy-chaining, supporting distributed systems and fill positions alongside SE weatherised loudspeakers and subwoofers.

Mounting and integration are practical by design. Side rigging points and a stainless U-bracket support secure wall or pole installation and precise aiming, with neat cable management and a discreet, architectural look. Available in black or grey finishes, COX 12 WP blends naturally into themed environments and public spaces while delivering the consistency installers and operators rely on.

**SAFETY NOTE** Please observe the operating instructions as well as the applicable regulations and rules for safe use and operation. Also observe the maximum permissible number of modules in a ground stack or flown system.

## SPECIFICATIONS

| ACOUSTICAL | |
|---|---|
| **Frequency range (-3 dB)** [1] | 100 Hz - 17 kHz |
| **Frequency range (-10 dB)** [1] | 60 Hz - 20 kHz |
| **Coverage angles (-6 dB) [H x V]** | 80° x 80° |
| **Nominal impedance** | 8 Ω |
| **Sensitivity**[1] | 98 dB |
| **Peak power** | 1200 W |
| **Continuous power**[2] | 300 W |
| **Maximum Peak SPL**[3] | 135 dB |
| **System type** | 2-way passive |
| **Crossover frequency** | 2kHz |
| **Transducers** | 1 x 12"woofer (3" voice coil)<br>1 x 1" tweeters (1.7" voice coil) |
| **Enclosure** | Vented Box |
| **Connectors** | Input/Output signal: PG11<br>wire Diameter Range: 5-10mm |
| **Wiring** | Input signal: INPUT-, INPUT+<br>Link output: OUTPUT-, OUTPUT+ |
| **MECHANICAL** | |
| **Product dimensions [H x W x D] (Including rigging)** | 411 x 407 x 443 mm |
| **Net weight** | 18 kg |
| **Packaging dimensions [H x W x D]** | 472 x 442 x 460 mm |
| **Total weight** | 19.9 kg |
| **Cabinet** | Weather-resistant polymer resin |
| **Cabinet finishing** | Black or grey painting |
| **Grille** | Perforated steel with acoustic waterproof and dust-proof fabric |
| **Hardware** | 2 x M8 side rigging points |
| **Rigging (or Stacking or Mounting)** | Stainless U bracket(288 x 240 x 65 mm) |

[1] Whole space, 1W / 1m
[2] According to EIA-426B Standard (based on RMS Voltage)
[3] Max Peak SPL = Sensitivity + $10\log_{10}$(Continuous Power) + 12 dB Crest Factor
All product specifications are subject to change without notice.



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