

# ARCHI10X

## Ultra-compact 10" architectural infrasubwoofer

### Highlights:

- 700 Watt program power
- Precision with immersive infra-sub performance
- AeroVent - Exponential low noise vent design
- Low frequency extension down to 26Hz without processing
- 117 dB of Max SPL (continuous)
- Architecturally discreet and compact design
- Custom high-excursion driver for superior performance
- Flexible ceiling & wall mount option
- Weather resistant model available
- Weather resistant aluminum cone with demodulation ring
- Marine grade plywood and Dura-Polyurea coating
- Band pass design

### Product information:

The ARCHI Series combines architectural elegance with groundbreaking audio performance. Designed for bars, restaurants, hospitality, and residential applications, these compact subwoofers deliver immersive sound with minimal visual impact.

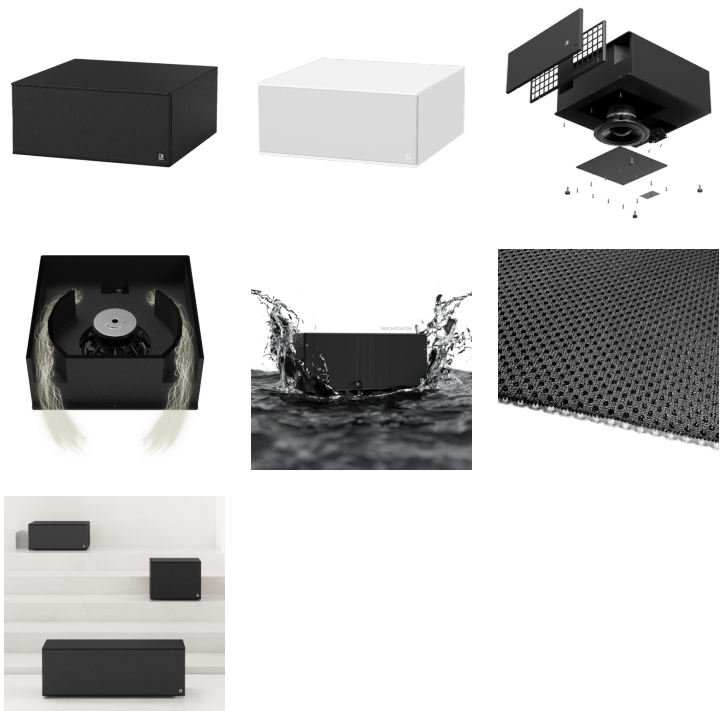
Featuring innovations like AcoustiMesh for acoustic neutrality, AeroVent for noise-free bass performance, and weatherproof capabilities, the ARCHI Series excels indoors and outdoors. With low-frequency extensions down to 26Hz, flexible mounting options, and durable materials, the ARCHI Series redefines low-frequency fidelity, offering powerful, precise bass in a discreet, stylish design.

#### ARCHI10X: Ultra-Resilient Performance

The ARCHI10X is built to deliver exceptional performance with unparalleled durability. Featuring an extremely rigid chassis and inner framing, this model ensures stability even under the most demanding conditions. Its dual silicone spiders allow for extended excursion capability, while the copper demodulating ring minimizes distortion, ensuring crystal-clear low-frequency output. The ARCHI10X also incorporates a highly linear Force Factor figure and a very high-temperature rate voice coil, enabling consistent, reliable performance at high power levels. Pending extensive salt spray and IP testing, the ARCHI10X/OB promises enhanced resilience in challenging outdoor environments. Designed for precision and power, this model sets a new standard for architectural subwoofers, delivering impactful sound with robust reliability.

### Applications:

- Bars & Restaurants
- Hotels
- Residential



### Properties:



Weatherproof

Impedance:

Ω 8 Ohm

Usage:



Indoor



Outdoor

System specifications:

Speaker type	10" Infra-Sub	
Configuration	AeroVent - Bandpass	
Peak power handling	1400 W	
Program power handling	700 W	
Continuous power (AES)	350 W	
Impedance	8 Ω	
Max SPL (Continuous)	117 dB	
Sensitivity (1W/1m)	91 dB	
Frequency	Response (- 3 dB)	43 Hz - 95 Hz
	Range (-10 dB)	26 Hz - 120 Hz
Bass port tuning frequency	53 Hz center bandpass	
Connectors	Terminal block with linkthrough	
Drivers	10" anodized aluminum cone with dual suspension (low-loss) and 2" high excursion voice coil	
Ingress Protection rating	IP55 (ARCHI10X/OB)	

Product Features:

Dimensions	540 x 234 x 558 mm (W x H x D) (excluding feet)	
	540 x 246 x 558 mm (W x H x D) (including feet)	
Weight	25.5 kg	
Operating temperature	-20 °C ~ 70 °C	
Construction	15 mm Multiply Plywood with multi-layer Polyurea coating	
Front finish	AcoustiMesh	
Colours	Black (ARCHI10X/OB)	
	White (ARCHI10X/W)	

Variants:

- ARCHI10X/OB - In- & outdoor black version
- ARCHI10X/W - Indoor only white version

Shipping & Ordering:

Packaging	Cardboard box
Shipping weight & volume	28.8 kg - 0.07 Cbm

Architects' and Engineers' Specifications:

The architectural infrasubwoofer shall incorporate a weather-resistant 10" anodized aluminum cone with a low-loss dual suspension and 2" high excursion voice coil featuring a demodulation ring, ensuring precise and superior infra-low frequency reproduction. The driver shall be housed in a band-pass enclosure utilizing AeroVent technology, an exponential low-noise vent design that minimizes airflow noise while maximizing sound impact, delivering deep, precise bass even at the highest power levels.

The enclosure shall feature an architecturally discreet and compact design, constructed from 15 mm Multiply Plywood with multi-layer Polyurea coating. The front shall be finished with AcoustiMesh, an acoustically transparent 3D fabric, ensuring optimal sound transmission while fitting and blending seamlessly into any space. The black version of the architectural infrasubwoofer shall be IP55 rated and shall be constructed from marine-grade plywood with Dura-Polyurea coating and phenolic glue, ensuring extreme durability against UV, rain, and extreme temperatures.

The system shall have a continuous power (AES) handling of 350 Watts, program power handling of 700 Watts and a peak power handling of 1400 Watts, with a configurable nominal impedance of 8 Ohms. The frequency response (-10 dB) shall range from 26 Hz to 120 Hz, without processing. The sensitivity shall be 91 dB, measured with an input signal of 1 Watt at 1 meter, while the maximum continuous sound pressure level (SPL) shall reach 117 db.

The enclosure shall have integrated mounting points, allowing flexible installation in various orientations. Input connections shall be made terminal block with link through.

The subwoofer's dimensions shall be 234 mm in height, 540 mm in width, and 558 mm in depth including feet, while the weight shall not exceed 25.5 kg. The enclosure shall be available in both black and white finishes to blend seamlessly into the architectural setting.

