LITTORA 1000 ICW10

Product sheet

MADE IN FRANCE

The highest performance. Unique for its type, the Littora 1000 ICW10 speaker driver is focused on power, offering features that are unrivalled in its category. Preserving a sound signature inspired by Focal floorstanding loudspeakers, this speaker driver is as at home being used for a celebration as for audiophile listening sessions. Like a dive watch, it has been rigorously developed to perfectly suit being used in extreme conditions, such as yachting or for outdoor or indoor use at home. This speaker driver is characterised by excellence and versatility. The Focal sound in all conditions, no compromise.



Beryllium tweeter
This tweeter boasts the inverted dome from the Utopia loudspeakers, and delivers unrivalled treble precision.

Adjustable treble level
Three settings for the tweeter (-3/0/+3dB) to best suit each environment.

Improved seal
Pre-assembled EVA joint at the rear of the speaker driver for silicone-free fitting and a perfect seal.

Fast and reliable mounting
Thanks to the multi-point mounting system, vibrations are no longer a problem and fall risks are eliminated.

Versatile sound signature
The speaker driver benefits from two optimised crossovers for indoor and outdoor installation. The tweeter also has 3 level settings.

Sealed connection
A DT06-2S sealed connector provides a reliable, fast and secure connection. Disassembly is just as easy.

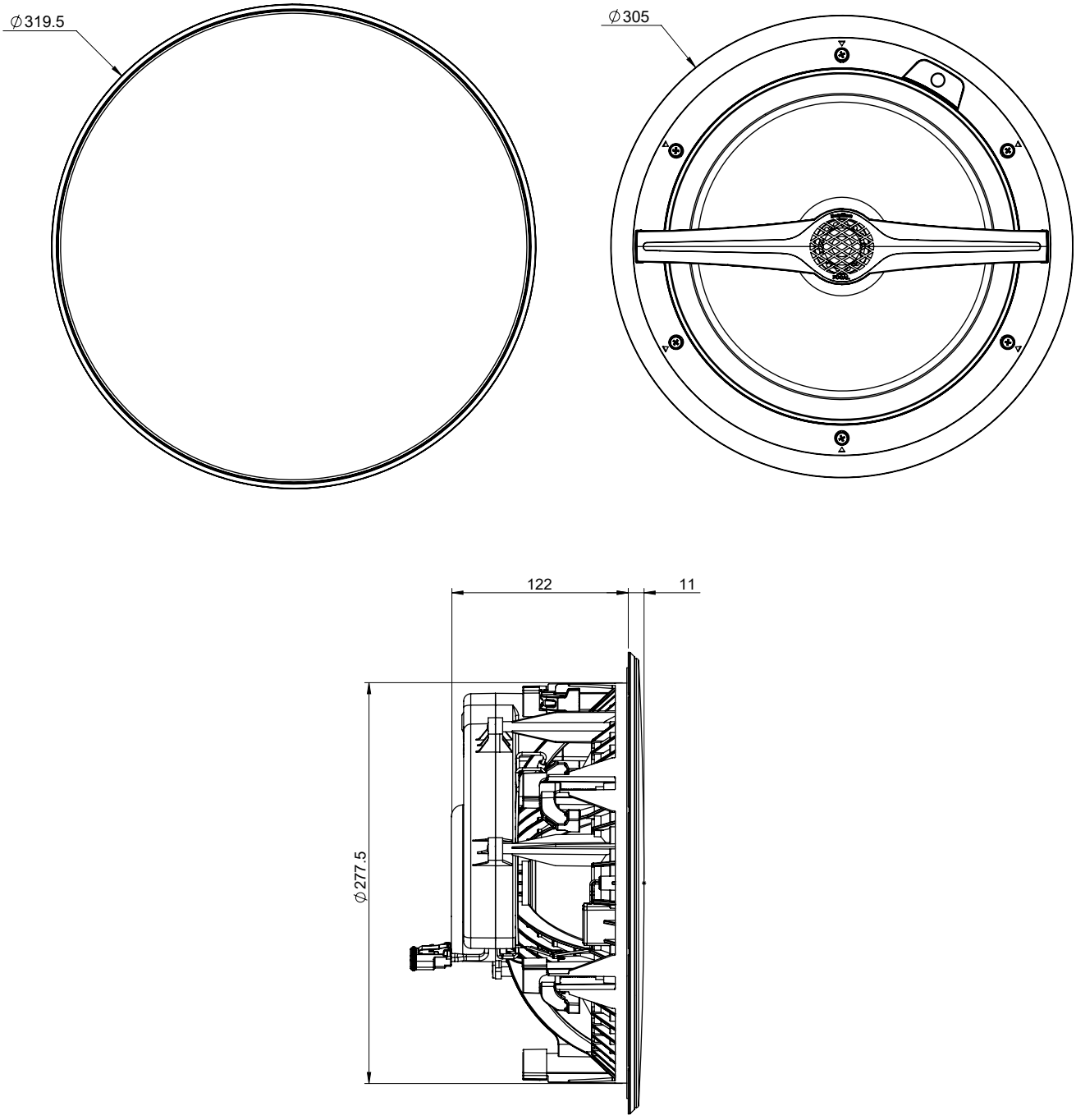
Key points

- Excellent power handling
- Made in France
- Certified IP65 waterproofing
- Ready-to-paint white aluminium grille for limitless customisation
- Shallow mounting depth

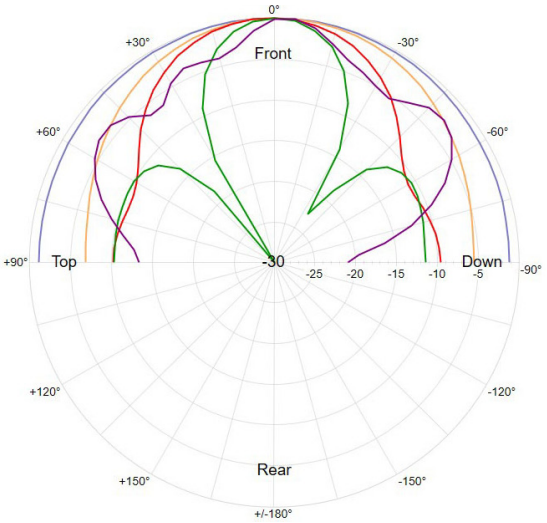
Technical specifications

Type of speaker	LITTORA 1000 ICW10
Diameter	10″
Recommended amp power	50 – 200W
Nominal impedance	8Ω
Minimal impedance	4.3Ω at 150Hz
Sensitivity (2.83 V/3ft - 1m)	92dB
Frequency response	38Hz – 40kHz
High-pass, slope	65Hz, 24dB/Oct - 65Hz, 24dB/Oct
Closed box volume 1, F -3dB	15L, 63Hz
Closed box volume 2, F -3dB	10L, 74Hz
Free air, F -3dB	60Hz
Tweeter	Beryllium
IP certification	IP65 (ASTMB117)
Tweeter setting	-3/0/+3dB
Crossover setting	Indoor/Outoor switch
Grille	Ready-to-paint aluminium
UV resistance	Yes (ASTMG53)
Operating temperatures	-25°C to 90°C
Number of mounting points	6
Connector	DT06-2S sealed
Mounting depth	$4^{3/4}$″ (122mm)
Certifications	ROHS, ROHS 2, CHINA ROHS, REACH
Weight	4kg
Recommended settings for DSP-amplifiers:	
Recommended Limiter Threshold	17,1V RMS
Recommended Limiter Attack Time	0ms
Recommended Limiter Release Time	150ms
Recommanded High-pass filter	40Hz Linkwitz-Riley 12 dB/octave

Size (mm)

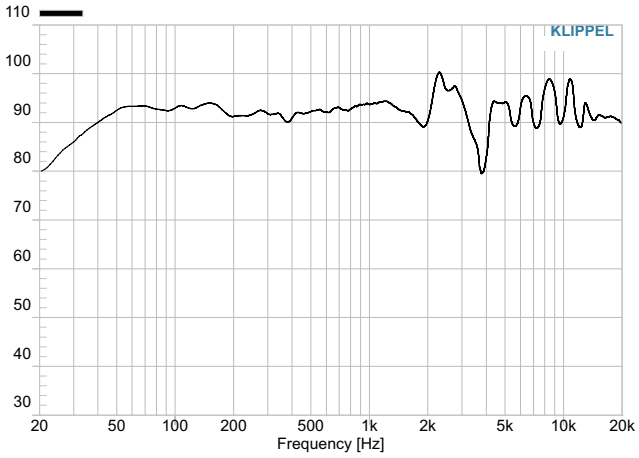


Measurements Directivity



Curve	Freq
	500.00
	1.00K
	2.00K
	4.00K
	8.00K

Frequency Response



Littora 1000 ICW10 Speaker level Calculation Table

Littora 1000 ICW10	Nominal sensitivity		92dB
Power (8Ω)/Distance	1m	2m	5m
1W (2.83V)	92dB	86dB	78dB
20W (12.6V)	105dB	99dB	91dB
50W (20V)	109dB	103dB	95dB
100W (28.3V)	112dB	106dB	98dB

Summary	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
NPA (2.83V/1m)(dB)	92	92	91	90	91	91	92
Aperture angle at -6dB	180°	180°	180°	180°	120°	60°	100°