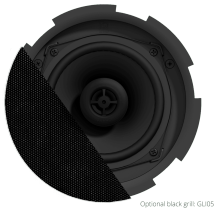
CIRA5

QuickFit™ 2-way 5 1/4" ceiling speaker with TwistFix™ grill

Designed to offer the best value for money ratio. The CIRA series are coaxial 2-way ceiling speakers featuring exceptional intelligibility and musical performance. The TwistFix™ borderless grill design offers easy but solid assembly and a completely seamless transition from grill to ceiling. This results in a perfect blend in to its environment. The QuickFit™ installation system combined with FastCon™ connector offers lifetime stability and great installers convenience.

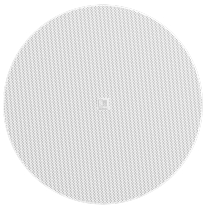
The CIRA5 features a 5 ¼" driver using polypropylene cone material, combined with a 1" Mylar tweeter fitted with a phase plug for excellent off axis performance. The selected materials guarantee a low distortion performance with smooth and flat frequency response. A continuous power handling of 30 Watt (RMS) and maximum power handling of 60 watt is achieved, while fitted with a multi-tapping 100V line transformer with tappings for 24W, 12W, 6W, 3W, 1.5W and an 8 Ohm or 16 Ohm bypass connection.













Impedance:

8 Ohm

16 Ohm

Voltage:

100 V

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System specifications:

Program power handling		60 W
RMS/AES power handling		30 W
Sound Pressure (Max. W/1m)	@ 100 V	102 dB
Sensitivity (1W/1m)		87 dB
Frequency	Response (± 3 dB)	60 Hz - 20 kHz
Speaker type		2-way coaxial
Impedance		16 Ω (CIRA530D)
		8 Ω (CIRA506 & CIRA524)
Frequency	Range (-10 dB)	45 Hz - 20 kHz
Dispersion	Conical	145°
Connectors		Multi-tap Fast-con™ connections
Drivers	LF	5 ¼" Woofer
	HF	1″
Line Transformer Tappings	1	6 W - 1667 Ω (CIRA506)
		24 W - 417 Ω (CIRA524)
	2	3 W - 3333 Ω (CIRA506)
		12 W - 833 Ω (CIRA524)
	3	1.5 W - 6667 Ω (CIRA506)
		6 W - 1667 Ω (CIRA524)

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Product Features:

Cut-out measurement	170 mm (Ø)
Dimensions	193 x 83 mm (Ø x D)
Weight	1.10 kg (CIRA506)
	1.15 kg (CIRA524)
	1.05 kg (CIRA530D)
Operating temperature	-20 °C ~ 60 °C
Construction	ABS
Front finish	TwistFix™ borderless finely perforated steel grill
Mounting	QuickFit™ mounting system
Colours	White (RAL9003) (CIRA506/W, CIRA524/W & CIRA530D/W)
Built-in depth	83 mm (CIRA524)
	75 mm (CIRA506 & CIRA530D)
Dimensions	193 mm (Ø)

Variants:

- CIRA506/W - White version, 8Ω & 6 Watt @ 100V
- CIRA524/W - White version, 8Ω & 24 Watt @ 100V
- CIRA530D/W - White version, 16 Ω

Shipping & Ordering:

Packaging	Cardboard box

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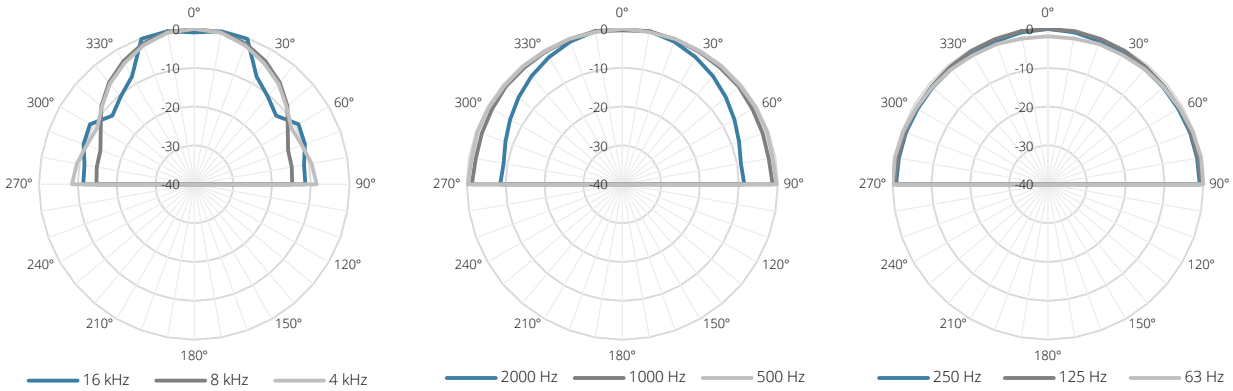
Architects' and Engineers' Specifications:

CIRA506 The ceiling mount loudspeaker shall be a 2-way coaxial type equipped with a 5¼"" low frequency driver combined with an 1" mylar tweeter and fitted with a line transformer allowing it to be used on 100 Volt distributed line systems. It shall have an RMS power handling of 30 Watt with a maximum power handling of 60 Watt and the frequency response (±3 dB) shall range from 60 Hz to 20 kHz. The sensitivity shall be 87 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level shall be 102 dB. The nominal dispersion shall be a 145° conical coverage pattern at -6dB (average 100 Hz - 10 kHz). The loudspeaker shall fitted with a multi-tapping line transformer with tappings for 6 Watt, 3 Watt and 1.5 Watt including an 8 Ohm bypass. Fast and smooth connection of the system shall be possible using a Fast-con™ multi-tapping connector. The speakers frame shall be constructed in high quality ABS material and the front shall be finished through a borderless and finely perforated steel grill. A TwistFix™ borderless grill shall be provided, offering fast and stable assembly while guaranteeing seemless transition from grill to ceiling. It shall come available in both white (RAL9003) and black (RAL9005) colours and custom painting shall make it blend-in with any environment. Mounting of the speaker into the ceiling shall be possible using a 3-screw QuickFit™ installation system. The speaker shall have a diameter of 193 mm, a depth of 79 mm and the weight shall not exceed 0.xxx kg. The speaker shall fit in a mounting hole with a cutout diameter of 170 mm and a build-in depth of 75 mm. CIRA524 The ceiling mount loudspeaker shall be a 2-way coaxial type equipped with a 5¼"" low frequency driver combined with an 1" mylar tweeter and fitted with a line transformer allowing it to be used on 100 Volt distributed line systems. It shall have an RMS power handling of 30 Watt with a maximum power handling of 60 Watt and the frequency response (±3 dB) shall range from 60 Hz to 20 kHz. The sensitivity shall be 87 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level shall be 102 dB. The nominal dispersion shall be a 145° conical coverage pattern at -6dB (average 100 Hz - 10 kHz). The loudspeaker shall fitted with a multi-tapping line transformer with tappings for 24 Watt, 6 Watt and 6 Watt including an 8 Ohm bypass. Fast and smooth connection of the system shall be possible using a Fast-con™ multi-tapping connector. The speakers frame shall be constructed in high quality ABS material and the front shall be finished through a borderless and finely perforated steel grill. A TwistFix™ borderless grill shall be provided, offering fast and stable assembly while guaranteeing seemless transition from grill to ceiling. It shall come available in both white (RAL9003) and black (RAL9005) colours and custom painting shall make it blend-in with any environment. Mounting of the speaker into the ceiling shall be possible using a 3-screw QuickFit™ installation system. The speaker shall have a diameter of 193 mm, a depth of 87 mm and the weight shall not exceed 0.xxx kg. The speaker shall fit in a mounting hole with a cutout diameter of 170 mm and a build-in depth of 83 mm.

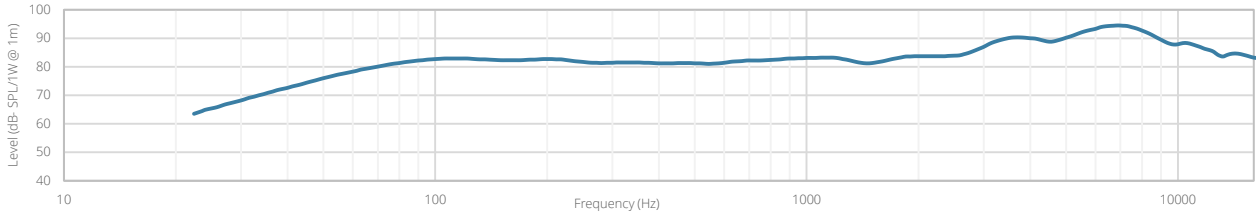
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Acoustical data graphs:

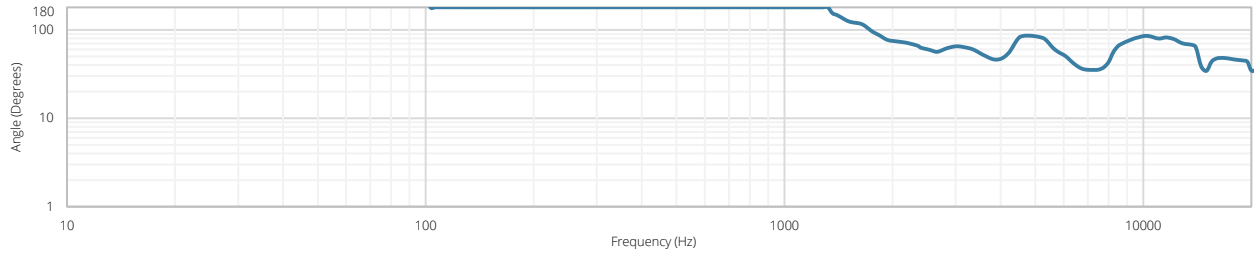
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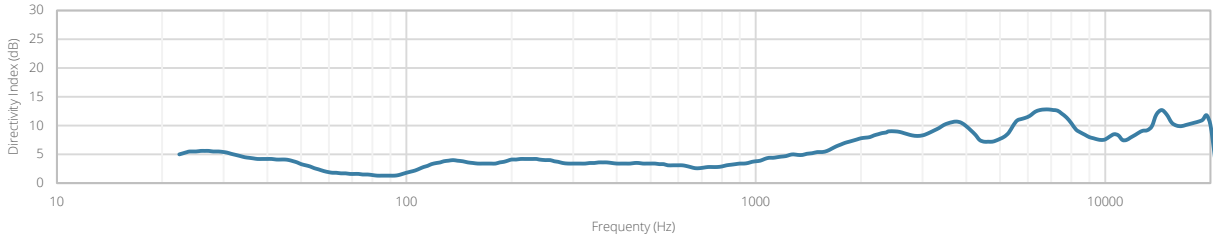
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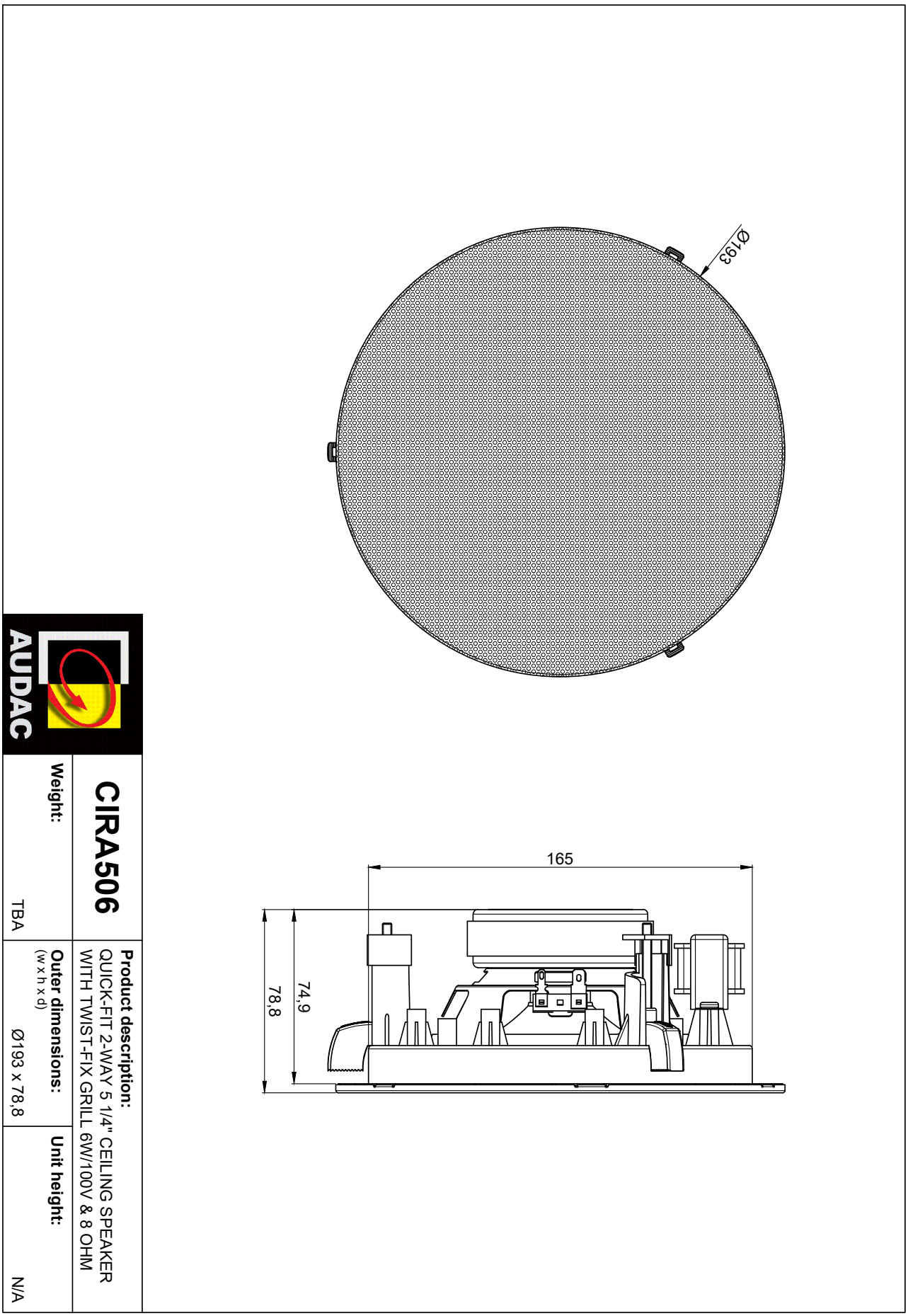
Beamwidth (-3dB):



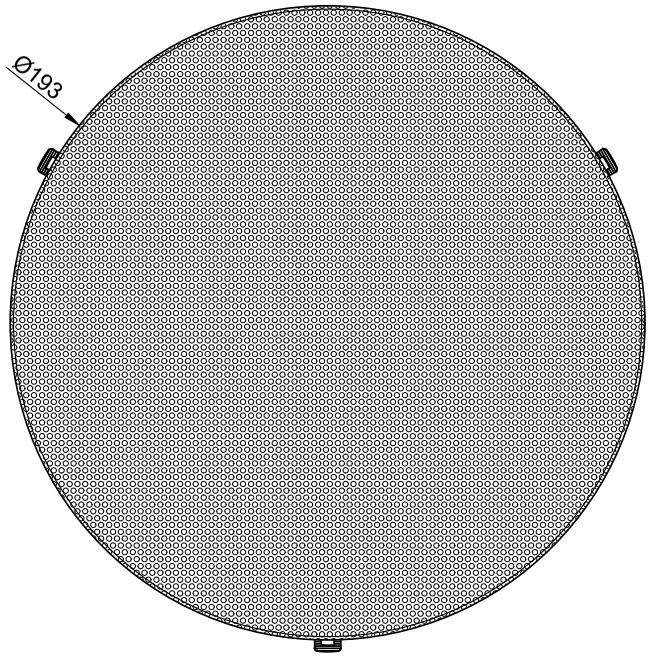
Directivity index:

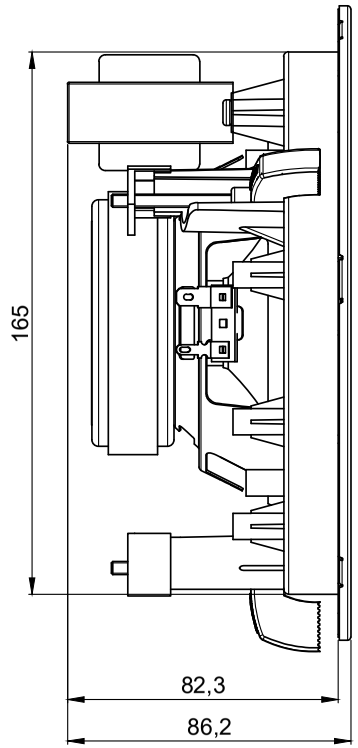


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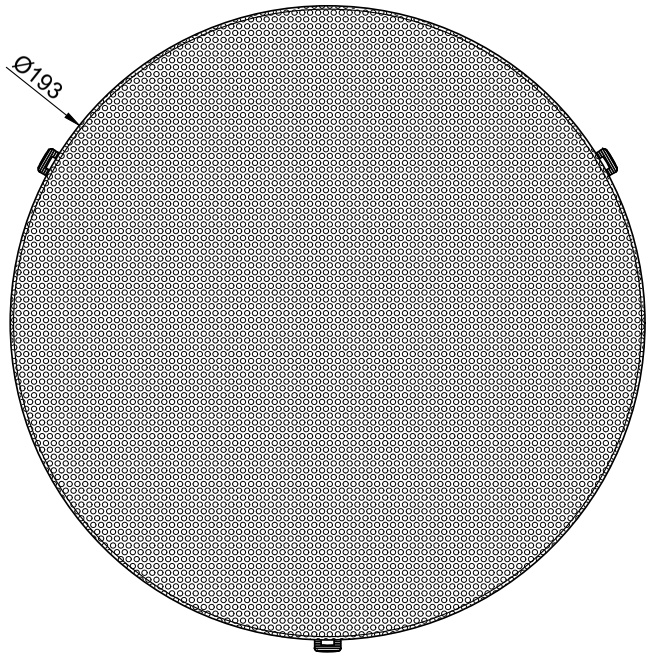
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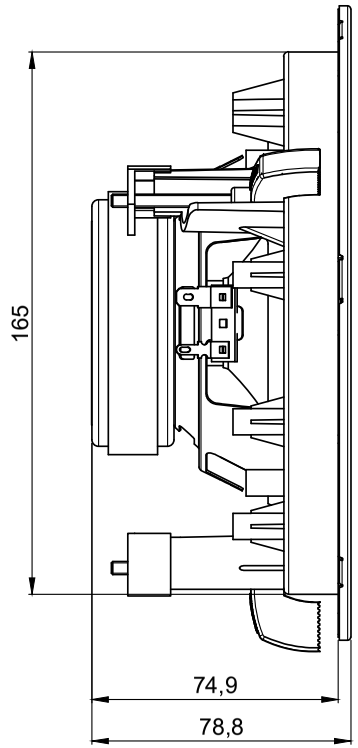




AUDAC	**CIRA524**	**Product description:** QUICK-FIT 2-WAY 5 1/4" CEILING SPEAKER WITH TWIST-FIX GRILL 24W/100V & 8 OHM	
	Weight: TBA	**Outer dimensions:** (w x h x d) Ø193 x 86,2	**Unit height:** N/A

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AUDAC	**CIRA530D**	**Product description:** QUICK-FIT 2-WAY 5 1/4" CEILING SPEAKER WITH TWIST-FIX GRILL 30W/16 OHM	
	Weight: TBA	**Outer dimensions:** (w x h x d) Ø193 x 78,8	**Unit height:** N/A

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