

artec 300 series



## ARTEC-306-TW

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DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988  
Fuente del Jarro - Valencia - Spain - Tel. +34961340860  
Updated (DD/MM/YYYY): 17/09/2024



SOUND WITH SOUL

## KEY FEATURES

- 1 x 6B low frequency loudspeaker
- 1 x M-26 compression driver
- Vertical or horizontal positioning
- Rotatable 90° x 60° horn
- VESA75/VESA100 standard threaded mounting points
- Factory installed multi-tap transformer available
- 12.5 W/25 W/50 W/100 W (70 V)
- 25 W/50 W/100 W (100 V)
- AXU-A306-W U-Bracket included

## DESCRIPTION

The ARTEC-306-TW 2-way passive full range loudspeaker utilizes a 6" low frequency transducer and the M-26 compression driver. The cabinet is manufactured using top quality Birch plywood and finished with a durable white paint finish. Thanks to its small size, it is ideal for venues with low ceilings, or limited space.

The Artec-300 cabinets are constructed from Baltic Birch plywood and finished with a durable ISO-flex paint. The trapezoidal enclosure design helps eliminate standing wave coloration and at the same time, permits close-packed horizontal or vertical arrays.

A rotatable horn allows the systems to be installed in either the vertical or horizontal position maintaining the needed dispersion characteristics. The cabinet is delivered with a U-bracket mount and factory installed line transformer.

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## SPECIFICATIONS

### Performance

Frequency Range (-10 dB)	70 Hz – 20 kHz
Horizontal Coverage (-6 dB)	90°
Vertical Coverage	60°
Nominal Impedance	8 ohms
Transformer Taps 70 V	12.5 W, 25 W, 50 W, 100 W
Transformer Taps 100 V	25 W, 50 W, 100 W
RMS Power Handling	100 W
Peak Power Handling	400 W
On-axis Sensitivity 1W/1 m	90 dB SPL
Maximum Peak SPL at 1 m	116 dB

Recommended Amplifier	INTEGRAL-A402
	INTEGRAL-A404
	INTEGRAL-A1002
	INTEGRAL-A1004
	INTEGRAL-A1602
	INTEGRAL-A1604
	INTEGRAL-MA1004
	INTEGRAL-MA1604

Recommended Processor	INTEGRAL-M88
	INTEGRAL-MA1604
	INTEGRAL-MA1004

### Connectors

Audio Input Connector	Covered Barrier Strip Terminals
Audio Output Connector	Covered Barrier Strip Terminals

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## Enclosure

Enclosure Construction	Birch Plywood
Enclosure Geometry	Trapezoidal
Rigging	M10 Rigging Points
Finish	ISO-flex Paint
Color	White
Depth	260 mm (10,2 in)
Dimensions ( H x W x D )	385 x 195 x 260 mm 15,2 x 7,7 x 10,2 in
Net Weight	8,0 kg ( 17,6 lb )

## Components

LF Driver	6B
HF Driver	M-26
Horn/Waveguide	BCT-96

## Shipping

Carton Dimensions ( H x W x D )	471 x 266 x 330 mm 18,5 x 10,5 x 13,0 in
Shipping Weight	10,5 kg ( 23,2 lb )

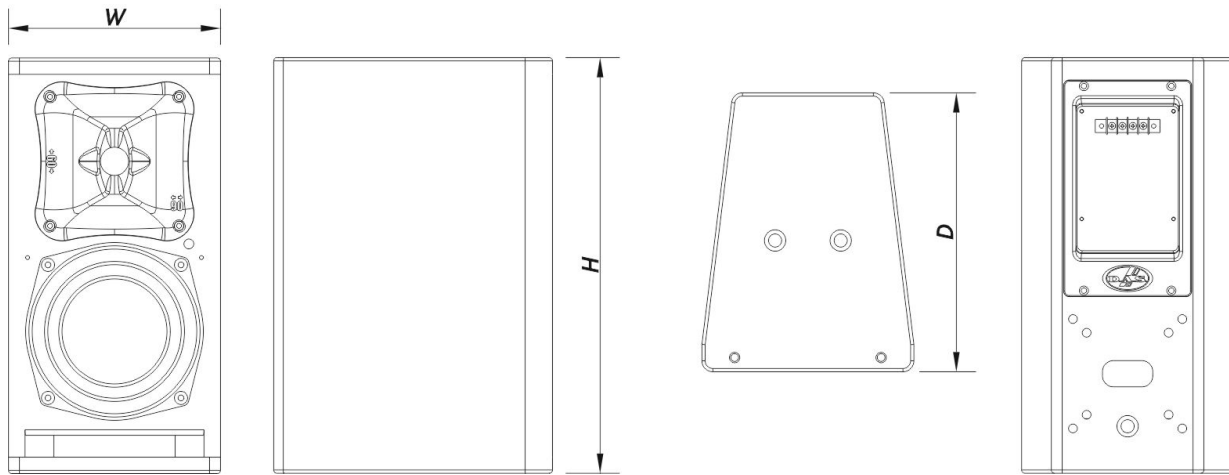
## DIMENSIONS

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## ORDERING INFORMATION

Model	Description	P/N
<b>System</b>		
ARTEC-306-TW		10423862
<b>Replacement Parts</b>		
6B	Cone Transducer	20208260
BCT-96	Horn	30006201
F-ACT8	Filter	30005424
GM-M26	Diaphragm	20205050
LAMP-F-18	Lamp	30000536
M-26	Compression Driver	10207070
<b>Accessories</b>		
ANL-2	Rigging Accessories	10101020
AX-SPG1	Installation & Stacking Acc.	10105050

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AXC-AT	Installation & Stacking Acc.	10104310
AXR-AR5-W	Installation & Stacking Acc.	10104880
AXW-3-W	Installation & Stacking Acc.	10104860

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