



AMPLIFIER



HI-RES AMPLIFIERS

VENEZIA

SUPERIOR POWER FOR HI-END PERFORMANCE



Designed to be the new reference marine amplifier, the Venezia line reaches an unmatched power/size ratio thanks to Hertz ADC (Advanced D-Class), maximizing efficiency while enhancing sound quality that obtains the Hi-Res certification by the Japan Audio Society (JAS).



Venezia amplifiers can drive up to two coaxial speakerper channel or to use bridged channels to drive a subwoofer.

KEY FEATURES

- Engineered and tested for marine application (UV, salt-fog, vibrations, high/low temperature, thermal shock) featuring IPX2 certification.
- ADC (Advanced D-Class) Technology 2 Ω (1 Ω for mono models) stable output stage providing Hi-Res certified audio performance with superior efficiency.
- Die-cast aluminum compact design with fan-less convection cooling system ensuring low operating temperature even at maximum power.
- Balanced fully-differential input circuitry to reject electromagnetic disturbances.
- Bridge operation mode to drive a subwoofer or to create a powerful dual-mono system.
- Built-in filter section protected by a polycarbonate panel suitable for any system configuration.
- Short-circuit, overload, and thermal protections with auto-resetting.
- Plug&Play Input and Output connections with safe-lock.
- Proprietary Plug&Play Power Supply Connector with safe-lock.

POWER
FOR THE WAVES
PURE MARINE
CERTIFIED PRODUCT



technical info



DESIGN TO LAST

The conformal coated PCBs provides superior protection against corrosion agents.

RUGGED ALUMINUM ALLOY HEAT SINK

Venezia amplifiers heat sink has been crafted from extruded aluminum, a material unmatched for lightness, robustness and heat dissipation. The oversized fin layout maximizes the surface area for optimal heat dissipation.

HERTZ



BUILT-IN CROSSOVER FILTERS

Venezia amplifiers feature variable low/ high pass crossover filters, adjustable bass boost and a subsonic filter for an optimal tuning in every boat.



PLUG AND PLAY CONNECTION

The Safe-Lock Input, Output, and Power connections streamline installation and enhance durability in the field. Not available for compact models.

HERTZ

A COMPLETE PRODUCT RANGE TO SATISFY EVERY NEED



1740W
RMS POWER

VENEZIA V6
D-Class Six Channels
Marine Amplifier

VENEZIA V6 24V
D-Class 24V Six Channels
Marine Amplifier

1260W
RMS POWER

VENEZIA V1
D-Class Mono
Marine Amplifier

VENEZIA V1 24V
D-Class 24V Mono
Marine Amplifier

1640W
RMS POWER

VENEZIA V5
D-Class Five Channels
Marine Amplifier

1160W
RMS POWER

VENEZIA V4
D-Class Four Channels
Marine Amplifier

ULTRA COMPACT LAYOUT SUPERIOR POWER

Venezia Marine amplifiers feature renewed Hertz ADC (Advanced D-Class) output stage, reaching >87% efficiency and delivering an impressive power with an ultra-compact size.



1010W
RMS POWER

VENEZIA V5C
D-Class Five
Channels Marine
Amplifier

760W
RMS POWER

VENEZIA V4C
D-Class Four
Channels Marine
Amplifier



HIGH-POWER AMPLIFIERS

VENEZIA SERIES

AMP specifications		VENEZIA V6 / V6 24V	VENEZIA V5	VENEZIA V4	VENEZIA V1 / V1 24V	VENEZIA V5C	VENEZIA V4C
Channel Mode		6 - 5 - 4 - 3	5 - 3	4 - 3 - 2	1	5 - 3	4 - 3 - 2
Output Power (RMS) @ 14.4 VDC	W x ch (6 ch)	160 x 6 (4Q)		160 x 4 (4Q)	-	-	110 x 4 (4Q)
	W x ch (6 ch)	290 x 6 (2Q)	-	290 x 4 (2Q)	-	-	190 x 4 (2Q)
	W x ch (5 ch)	160 x 4 (4Q) + 580 x 1 (4Q)	130 x 4 (4Q) + 490 x 1 (4Q)	-	-	80 x 4 (4Q) + 330 x 1 (4Q)	-
	W x ch (5 ch)	290 x 4 (2Q) + 580 x 1 (4Q)	220 x 4 (2Q) + 820 x 1 (2Q)	-	-	115 x 4 (2Q) + 550 x 1 (2Q)	-
	W x ch (4 ch)	160 x 2 (4Q) + 580 x 2 (4Q)	-	-	-	-	-
	W x ch (4 ch)	290 x 2 (2Q) + 580 x 2 (4Q)	-	-	-	-	-
	W x ch (3 ch)	580 x 3 (4Q)	440 x 2 (4Q) + 490 x 1 (4Q)	160 x 2 (4Q) + 580 x 1 (4Q)	-	230 x 2 (4Q) + 330 x 1 (4Q)	105 x 2 (4Q) + 400 x 1 (4Q)
	W x ch (3 ch)	-	440 x 2 (4Q) + 820 x 1 (2Q)	290 x 2 (2Q) + 580 x 1 (4Q)	-	230 x 2 (4Q) + 550 x 1 (2Q)	190 x 2 (2Q) + 380 x 1 (4Q)
	W x ch (2 ch)	-	-	580 x 2 (4Q)	-	-	760 x 2 (4Q)
	W x ch (mono)	-	-	-	700 x 1 (4Q)	-	-
Filters	W x ch (mono)	-	-	-	1260 x 1 (2Q)	-	-
	W x ch (mono)	-	-	-	1260 x 1 (1Q)	-	-
	Bypass	yes	yes	yes	yes	yes	yes
	Hi-Pass	A: 50 ÷ 500 / 500 ÷ 5k @ 12 - B/C: 50 ÷ 500 @ 12	A: 50 ÷ 500 / 500 ÷ 5k @ 12 - B: 50 ÷ 500 @ 12	A/B: 50 ÷ 4k @ 12	-	A: 50 ÷ 500 / 500 ÷ 5k @ 12 - B: 50 ÷ 500 @ 12	A/B: 50 ÷ 4k @ 12
	Band-Pass	B: 50 ÷ 500 / 500 ÷ 5k @ 12	B: 50 ÷ 500 / 500 ÷ 5k @ 12	-	-	B: 50 ÷ 500 / 500 ÷ 5k @ 12	-
	Lo-Pass	C: 50 ÷ 500 @ 12	C: 50 ÷ 500 @ 24	A/B: 50 ÷ 4k @ 12	50 ÷ 250 Hz @ 24 dB/Oct.	C: 50 ÷ 500 @ 24	A/B: 50 ÷ 4k @ 12
	dB	-	25 @ 24dB	-	25 @ 24dB	25 @ 24dB	-
	dB	-	(0 ÷ 12) dB	(0 ÷ 12) dB	(0 ÷ 12) dB	(0 ÷ 12) dB	(0 ÷ 12) dB
	Subwoofer level control	Yes	Yes	Yes	Yes	Yes	Yes
	Pre-Out	-	Yes	Yes	-	Yes	Yes
Distortion - THD		-	-	-	-	-	-
S/N Ratio		-	-	-	-	-	-
Damping factor		-	-	-	-	-	-
Size W x D x H		-	-	-	-	-	-
		100 Hz @ 4Q	<0.06	<0.05	<0.02 (@100 Hz @ 4Q)	<0.02	<0.05
		Sensitivity @ 1 V RMS	100	102	102	105	100
		100 Hz @ 4Q	130	166(A-B Out) 300(SUB out)	130	100(A-B Out) 300(SUB out)	200
		mm	330 x 200 x 54	330 x 200 x 54	270 x 185 x 54	270 x 185 x 54	205 x 155 x 47
		in.	12.99 x 7.87 x 2.12	12.99 x 7.87 x 2.12	10.62 x 7.28 x 2.12	10.62 x 7.28 x 2.12	8.07 x 6.1 x 1.85