



# FROM ITALIAN CREATIVITY AND BEAUTY







# THE SOUNDTRACK OF YOUR ADVENTURES

HERTZ MARINE HIGH-PERFORMANCE CONTROL UNITS, SPEAKERS AND AMPLIFIERS ARE DESIGNED TO OPERATE IN THE MARINE ENVIRONMENT, THRILLING YOU WITH THE EMOTIONS OF MUSIC WHILE ENJOYING BOATING

Since 1998, Hertz has developed in Italy world-class speakers, amplifiers and DSP for the 12 V industry, focused on reaching the best performance in the real environment of application. Passion for audio entertainment is the essential driving force leading the Hertz engineers to win the never-ending challenge of innovation using the most advanced technologies, always.

Hertz products, highly regarded in over 60 countries worldwide, received several awards from EISA and other leader organizations for its outstanding track record of unique products.

To support its fans and sea lovers, in 2014 Hertz launched the Marine program, bringing the "Hertz Sound Experience" to open water.

NERTZ

# marine

# MAKE EVERY CRUISE MEMORABLE WITH HERTZ MARINE



NERTZ



#### MARINE GRADE SOURCE UNITS

Engineered to maximize fun on board with an exclusive design, Hertz Marine control units are the ultimate solution for high fidelity on open water, thanks to extended connectivity and user-friendly Marine functions.

#### **HIGH-PERFORMANCE SPEAKERS**

Hertz Marine speakers will thrill you with unlimited emotions, preserving their astonishing performance season after season. The ultra-complete range features a wide array of grilles, colors and sizes, to satisfy every installation need. Last but not least, Hertz Marine subwoofers will complete the low-end reproduction with outstanding output enhancing your cruising experience.

#### **PREMIUM CLASS TOWERS**

Developed to deliver emotions during water sports sessions, Hertz Marine Towers will light up your parties overwhelming you with a detailed high-output sound and an exclusive color lighting experience, making your special events unique.

#### **HIGH-POWER AMPLIFIERS**

Hertz Marine amplifiers are made to withstand the hard life on board, delivering premium audio quality even with the most demanding installation, thanks to built-in DSP and the unmatched power-to-size ratio.

# PORVAVES FORVAVES THE PURE MARINE CERTIFIED PRODUCT



HERTZ MARINE PRODUCTS ARE READY TO SAIL AND DESIGNED TO LAST, BEING ENGINEERED BY A DEDICATED R&D TEAM USING IN-HOUSE DEVELOPED SOFTWARES AND ENDURANCE TESTED TO FACE THE HARDEST CONDITIONS THAT CAN BE FOUND IN OPEN WATER



#### WATER JET RESISTANT

The protection grade IP64 for amplifiers, IP65 for speakers and IP66 for source units define all the Hertz Pure Marine Certified products as totally protected against water jets of different entities, making them highly performant in the marine environment.



#### **UV RESISTANT**

According to the severe ASTM-D4329 standards for UV resistance, all the materials used for Hertz Marine products are designed to face long time exposition to UV radiations while cruising on the open sea.



#### THERMAL SHOCK RESISTANT

High quality ASA plastic and Polypropylene cones with co-molded Santoprene surround guarantee resistance to a wide range of temperatures.



#### SALT FOG PROOF

To satisfy the standards required by ASTM-B117, Hertz Marine products are tested with massive salt fog spray to ensure a complete resistance to corrosion, typical of this atmospheric agent.





#### **DUST INTRUSION RESISTANT**

Dust intrusion is an important factor to handle in order to preserve the unique level of performance ensured by our Marine products for a long time. This is why they are totally protected against the intrusion of solid parts.



#### **VIBRATION PROOF**

"You can't cross the sea merely by standing and staring at the water" - Rabindranath Tagore. This is why we stress our Marine products with severe vibration tests to simulate the worst offshore conditions, always ensuring full operability



#### **STAINLESS HARDWARE**

Stainless hardware is unbeatable against rust and corrosion, preserving Hertz Marine speakers and electronics from degradation over time due to exposure to nature.





#### HUMIDITY RESISTANT

High humidity is the default condition that marine electronics and speakers have to face 99% of the time. To prevent any mechanical end electronical failure, Hertz Pure Marine Certified products are subjected to severe stress tests to take them to the limit.



#### **CORROSION RESISTANT**

Electronics components corrosion caused by exposure in wet environments is totally neutralized by the use of dedicated marine-grade (epoxy coated) PCB boards.

# FULL DA HD

# THE NEXT AUDIO EXPERIENCE



#### THE AVAILABILITY OF HIGH-RESOLUTION AUDIO IS A GREAT OPPORTUNITY TO REACH NEW HI-FI IN BOAT MILESTONES

FULL DA HD TECHNOLOGY PROVIDES PURE DIGITAL SIGNAL TRANSFER FROM THE SOURCE THROUGH THE PROCESSOR INTO THE AMPLIFIERS, ALL IN 24-BIT/96 kHz HI-RES DIGITAL FORMAT, MAKING THE MOST OF THE LISTENING EXPERIENCE OF HI-RES AUDIO FILES





### **REDISCOVER MUSIC NUANCES, FEEL THE DIFFERENCE**





ONE SINGLE CONVERSION OF THE SIGNAL Hi-Res AUDIO

HIGH RESOLUTION

24 bit / 96 kHz



MINIMAL CONNECTION POINTS



NOISE FREE SIGNAL TRANSFER THANKS TO FULL DA HD, IT IS NOW POSSIBLE TO ENJOY A MARINE AUDIO SYSTEM FREE FROM THE LIMITATIONS AND SIGNAL ALTERATIONS OF A TRADITIONAL ANALOG SYSTEM











#### DIGITAL MEDIA RECEIVER

#### ITALIAN SYMPHONY OF ELEGANCE AND HI-END AUDIO MASTERY

Introducing "Capri," the epitome of elegance and sophistication in hi-end audio sources. Inspired by the breathtaking beauty and luxurious atmosphere of the namesake island, the Capri Hi-End Source is a true masterpiece that transcends ordinary audio experiences.

With meticulous attention to detail and uncompromising craftsmanship, the Capri Hi-End Source by Hertz represents the pinnacle of audio engineering.

Engineered to deliver superior sound quality and withstand the harsh marine environment, this top-of-the-line audio source is designed to elevate your boating experience to new heights. With a focus on high-resolution audio, CAPRI ensures that every note, every detail, and every nuance of your favorite music is reproduced with stunning clarity and fidelity, allowing you to immerse yourself in a true audiophilegrade experience on the water.

#### **\ KEY FEATURES**



Native DSP working at 24 bit/96 kHz and an extended audio band up to 40 kHz for hi-res audio performance.

CAPRI is designed to play 24 bit/96 kHz hi-res audio for audiophile sound.

CAPRI features 4 pairs of stereo outputs each with independent subwoofer output providing the ability to create 4 independently controlled listening areas to obtain the perfect sound everywhere.



The powerful 8 band digital equalizer will support you finding the best sound.



Customize the sound with 8 EQ preset created by Hertz audio engineer.

Voltage indicator to check-up battery status



BATTERY

VOLTAGE

GAUGE

The large 4.3" full color TFT IPS display remains visible even during daytime navigation and is dimmable for a comfortable nightime vision.



#### **\ CONNECTIVITY**

(((SiriusXM)))		APP CONTROL Oracle Play			
made for iPHONE iPAD	SUB WOOFER OUT	WEATHER BAND	CAMERA	DIGITAL IN/OUT	Digital Audio
USB 2.0	12 PRE OUT	AM/FM RADIO	AUX-IN	5.1 Bluetooth	

DAB<sup>1</sup>



CAPRI HD1 allows to replicate every function of the main unit in every IP**67** place of the boat you desire, maximizing the onboard comfort.

CAPRI HD1 Optional Remote Control



HMC U1 Optional Remote Control

Play your favorite song and pump-up the volume while swimming in open water. Thanks to IPX7 certification you can install HMC U1 remote control freely anywhere on the boat, adding fun to every cruise.





#### DIGITAL MEDIA RECEIVER

### **HMR 50**

#### ENGINEERED TO MAXIMIZE FUN ON-BOARD HMR 50 IS THE ULTIMATE SOLUTION FOR OPEN WATER ENTERTAINMENT

#### UNPARELLED PERFORMANCE WITH ANY SOURCE

HMR 50 advanced connectivity includes SiriusXM-Ready™, Bluetooth APTX (CD Audio quality), USB 2.0 port (iPad/ iPhone control) to convert your deck in a real multimedia environment. The FM (RDS for EU)/AM PLL radio with Marine Weather Band completes the standard equipment.





**\ KEY FEATURES** 

Just push the dedicated button to play your source at the same volume in the whole vessel, PARTY MODE transforming your boat into a dance floor.

> Multicolor backlight for a perfect match with cookpit lighting.

the perfect sound everywhere.



MULTI

COLOR

HMR 50 features 3 pairs of stereo outputs providing the ability to create 3 independently controlled listening areas



The powerful 8 band digital equalizer will support you finding the best sound.



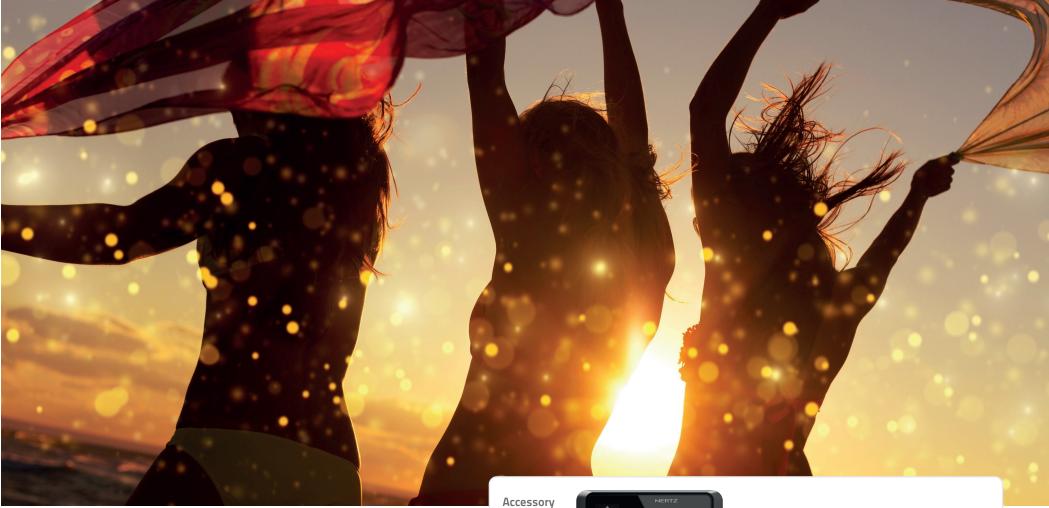
Customize the sound with 5 EQ preset created by Hertz audio engineer.





The large 3.5" full color TFT IPS display remains visible even during daytime navigation and is dimmable for a comfortable nightime vision.





#### **\ CONNECTIVITY**





HMC D1 allows to replicate every function of the main unit in every place of the boat you desire, maximizing the onboard comfort.



Control

HMC U1 Optional Remote Control

Play your favorite song and pump-up the volume while swimming in open water. Thanks to IPX7 certification you can install HMC U1 remote control freely anywhere on the boat, adding fun to every cruise.



DIGITAL MEDIA RECEIVER

## **HMR 20**

#### DESIGNED TO WITHSTAND THE MOST EXTREME MARINE **CONDITIONS, HMR 20 WILL BECOME YOUR TRUSTED FRIEND ON EVERY CRUISE**

HMR 20 turn every cruise into an exciting adventure bringing the music of your favorite artist to open water. The powerful FM (RDS)/ AM PLL radio and the extended connectivity powered by DAB+ Ready, Bluetooth audio streaming and USB 2.0 port will liven up your trip with tons of musical contents.







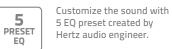
#### **\ KEY FEATURES**



2

Multicolor backlight for a perfect match with cookpit lighting.

HMR 20 features 2 pairs of stereo outputs providing ZONE the ability to create 2 independently controlled listening areas.





3" IPS

DISPLAY

The large 3" full color TFT IPS

display remains visible even during daytime navigation and is dimmable for a comfortable nightime vision.



Accessory



HMC U1 Optional Remote Control

Play your favorite song and pump-up the volume while swimming in open water. Thanks to IPX7 certification you can install HMC U1 remote control freely anywhere on the boat, adding fun to every cruise.

#### **\ CONNECTIVITY**









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DIGITAL MEDIA RECEIVER

## HMR 18 D / HMR 18

#### WHERE ELEGANCE MEETS AUDIO INNOVATION

Meticulously engineered to elevate your on-water experience, the HMR 18 combines cutting-edge technology, unparalleled connectivity, and superior sound quality, making it the ultimate audio companion for your marine adventures. Experience the freedom of customizing your onboard audio in two independent zones, each with its own dedicated subwoofer output. Tailor the sound to suit different areas of your boat, catering to the unique preferences of your passengers and creating a personalized audio experience like no other. With Bluetooth® 5.0 integration, the HMR 18 allows you to effortlessly stream your favorite tunes from your smartphone or any compatible device, ensuring a wireless and seamless audio experience. Embrace the freedom to curate your own soundtrack as you sail, cruise, or party on the water.

#### **\ CONNECTIVITY**







DISP -0-

70NES





DUST INTRUSION RESISTANT

**\ KEY FEATURES** 



Customize the sound with 3 EQ preset created by Hertz audio engineer.





**HMR 18** 

16



50 W X 4





DIGITAL MEDIA RECEIVER

## HMR 15 D / HMR 15

#### TRENDY DESIGN ONBOARD

The new Hertz source features a minimalist square-shaped design, perfectly in line with the latest trends in the most prestigious navigation instruments. The centrepiece is the generous display with the large marine-grade pushbutton panel symmetrically distributed in the lower and upper part. Thanks to Bluetooth® 5.0 you can stream high quality audio from your favorite mobile device, maximizing open water fun! D version provides additional DAB + compatibility to listen to your favorite radio stations with unmatched audio performance.

#### **\ CONNECTIVITY**











Control

#### **\ KEY FEATURES**



Customize the sound with 3 EQ preset created by Hertz audio engineer.



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SOURCE UNIT

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BAB+

DAB 

ENT

UV RESISTANT

WATER JET RESISTANT

NERTZ SRC

VOL

+

HMR 10D

DIGITAL MEDIA RECEIVER

# HMR 10 D / HMR 10

#### PERFECT SOUND ONBOARD WITH A GAUGE-STYLE INSTALLATION

With two pairs of high quality stereo outputs, a screen readable at all times and a generous marine-grade control panel, it will be a breeze to control your favorite playlist on USB or Bluetooth® streaming for maximum fun in water. D version provides additional DAB + compatibility to listen to your favorite radio stations with unmatched audio quality.

#### **\ CONNECTIVITY**





#### **\ KEY FEATURES**



Customize the sound with 3 EQ preset created by Hertz audio engineer.



HMR 10 D

**HMR 10** 



POWER

PURE MARINE

CERTIFIED PRODUC



Accessory

IP**66** 





SALT FOG PROOF

DUST INTRUSION RESISTANT









MARINE BLUETOOTH® CONTROLLER / RECEIVER

### **HMR BT**

#### **BRING YOUR FAVOURITE PLAYLIST ON BOARD**

Thanks to IP67 water resistance rating, the HMR BT Bluetooth® audio controller/ receiver is ideal for small boats and powersports applications.

When connected directly to an amplifier, it can be used as a stand-alone source unit/ receiver or it can provide Bluetooth® connectivity to any source unit with line-level inputs. The white LED backlit push-button controls are always well visible at any hour of the day. Ready to have some serious fun with the HMR BT Bluetooth® Audio Controller/Receiver.



#### **\ KEY FEATURES \ CONNECTIVITY**



HMR BT features Bluetooth® v5.0 and Qualcomm® aptX<sup>™</sup> audio codec, assuring hi-performance wireless audio with a connection range of up to 35 ft. (10 m), allowing your smartphone to be kept safely away from water.

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### FEEL THE MAGIC OF A CONCERT HALL ANYWHERE ON THE BOAT

Hertz Marine DSP technology provides the ability to obtain 100% acoustic performance from each individual speaker, to achieve perfect sound in every area of the boat. Even when the speakers are not installed in an optimal position, thanks to the power of digital sound processing, **an exciting virtual stage and a balanced response is obtained**.



#### WITH HERTZ DSP THE WORLD OF MARINE AUDIO IS NO LONGER THE SAME!



"Power for the Waves" design philosophy features a sturdy enclosure made of extruded aluminum with an anti-corrosion treated PCB to ensure years of listening pleasure in open water.



Hertz DSP software allows the user to create pre-optimized setup files for a specific boat model and the related audio system installed, ensuring a correct acoustic result in a very short time.



Hertz Marine DSP optimizes acoustic performance for each of the 4 configurable listening zones, regardless of the speakers location and the passenger position, maximizing the listening experience.



Each speaker in the system can be fine-tuned with an equalization, crossover filter and time delays to exploit its maximum potential.







#### **\ HERTZ MARINE DSP TECHNOLOGY**



8 CH HI-RES DIGITAL SIGNAL PROCESSOR

### S8 DSP

#### SINCE POWER IS NEVER ENOUGH DURING NAVIGATION, WE CREATED A STAND-ALONE DSP ALLOWING YOU TO BUILD YOUR DREAM MARINE AUDIO SYSTEM. NOW ONLY IMAGINATION IS THE LIMIT...

S8 DSP is the stand-alone Hertz processor dedicated to enthusiasts who want to create an uncompromising on-board audio system. The possibilities of combinations with Hertz Marine amplifiers are endless, offering the ability to create very powerful systems. For example, you can employ two VENEZIA V4 amplifiers obtaining 8 x 160W RMS@4 $\Omega$  or dedicate two mono VENEZIA V1 2 x 1260 W RMS (1 $\Omega$  stable) to four 12 in. subwoofers! S8 DSP is a distilled essence of technology at the service of the highest audio quality in a corrosion-free case cast in composite materials.

S8 DSP processes the audio signal with 96 kHz / 24-bit resolution and has obtained the Hi-Res certification from the JAS (Japan Audio Society), an acknowledgment that certifies the extreme level of audio performance achieved.

The powerful 32-bit DSP manages 6 high/low-level analog input channels, one digital coaxial input, and 8 output channels, offering maximum freedom of configuration to the specialist. The SPDIF coaxial input is ideal for digital connection with a Hi-Res audio source, a solution that allows for maximum listening quality.



S8 DSP features a digital input, enabling seamless compatibility with a Full DA HD chain when paired with the Hertz Capri source. This combination ensures a pristine audio signal flow from the source to the amplifier, eliminating any loss or degradation along the way. Immerse yourself in the full potential of high-definition audio, experiencing your music as the artist intended.

#### **\ KEY FEATURES**





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 Low-Pass Slope

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Configurator App crossovers



channel gain

Canali Ingress/Memorie File Impostazioni Memoria Configurator App M

Master volume control App

-60dB

Master

0dB

Mute 🔲

PC control App We can control every parameter of the DSP wirelessly using the

We can control every parameter of the DSP wirelessly using the CONFIGURATOR App for Apple and Android tablets and smartphones, thanks to the integrated Bluetooth® 5.0 receiver. PC Software is available for both PC and Apple OS. Four configuration presets are supported, so you can choose the ideal setup for every listening condition.

Remote control App for Android and Apple allows you to manage the main functions of the DSP (Volume Master, Volume Sub) from the mobile device.

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#### 8 CH MARINE AMPLIFIER WITH DSP

### HMD8 DSP

The HMD8 DSP, powered by Hertz Marine DSP technology, reach new heights of listening pleasure. DSP user friendly PC-Software interface makes the setup process a breeze, exploiting every single pills of performance from the installed speaker system. The amazing power of  $8 \times 85$  W or  $4 \times 260$  W (RMS@  $4\Omega$ ) gives the HMD8 DSP the capability to drive with authority the complete speaker system generating tons of crystal clear SPL up to 3 different zone of the vessel.







#### **\ HERTZ MARINE DSP TECHNOLOGY**





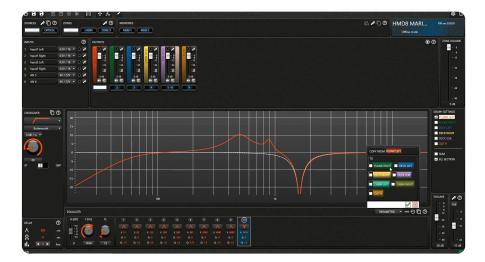
Thanks to the Hertz advanced D-CLASS output stage, HMD8 DSP joins maximum sound quality with unmatched efficiency to be very compact and easily installed anywhere in the boat.

#### **\ KEY FEATURES**





Hertz Navigator software allow to create pre-optimized software setup files for a specific boat model and the related audio system installed, ensuring a correct acoustic result in a very short time.











#### **\ KEY FEATURES**



### HIGH POWER MONO MARINE AMPLIFIER HMD1

HMD1 mono amplifier is the perfect solution to add one or more marine subwoofer to your vessel, being the ideal power extension of HMD8 DSP. At 1 Ohm it is stable and can supply up to 1000 W of power with extremely compact dimension.



Hertz advanced D-CLASS output stage ensures pure listening pleasure while keeping a compact size with unmatched power efficiency.





#### HI-RES MARINE AMPLIFIERS

# VENEZIA

#### SUPERIOR POWER FOR HI-END PERFORMANCE

We are thrilled to unveil the latest masterpiece from Hertz Marine - The Hi-Res Venezia Amplifier. Designed and engineered with uncompromising precision, this cutting-edge amplifier promises to revolutionize your marine audio experience, delivering power, clarity, and performance like never before. Embrace the sound of perfection as you sail through uncharted waters with the Hertz Venezia Amplifier.

#### **Unparalleled Performance**

The Venezia Amplifier represents the pinnacle of audio engineering, boasting exceptional power and unmatched fidelity. With its state-of-the-art Class-D technology, this amplifier ensures optimal efficiency, lower power consumption, and reduced heat dissipation. The result is an astounding output that guarantees an immersive and engaging auditory adventure for every voyage.

#### **Hi-Res Audio Quality**

Immerse yourself in crystal-clear, high-resolution sound. The Hertz Venezia Amplifier is meticulously designed to deliver unparalleled audio quality, capturing the full spectrum of frequencies with astonishing accuracy. From deep, punchy bass to rich, detailed highs, this amplifier elevates your marine audio experience to a whole new level.

#### **Advanced Connectivity**

Versatility meets convenience with the Venezia Amplifier's advanced connectivity options. Equipped with multiple input and output terminals, this amplifier seamlessly integrates with your marine audio system, offering easy installation and compatibility with various audio sources.



Designed to be the new reference marine amplifier, the Venezia line reaches an unmatched power/size ratio thanks to Hertz ADC (Advance 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.











#### **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 die-cast extruded aluminum, a material unmatched for lightness, robustness and heat dissipation. The oversized fin layout maximizes the surface area for optimal heat dissipation.





#### **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 availabe for compact models.

NERTZ





#### A COMPLETE PRODUCT RANGE TO SATISFY EVERY NEED

1740W

VENEZIA V6 D-Class Six Channels Marine Amplifier RMS POWER

VENEZIA V1 D-Class Mono Marine Amplifier

**VENEZIA V6 24V** D-Class 24V Six Channels Marine Amplifier VENEZIA V1 24V

D-Class 24V Mono Marine Amplifier

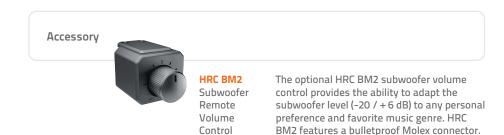
#### **1700W** RMS POWER

D-Class Five Channels Marine Amplifier

**VENEZIA V5** 

**1160W** RMS POWER

VENEZIA V4 D-Class Four Channels Marine Amplifier



#### **\ 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 2Ω (1Ω 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.

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bit Wave

#### 8 CH MARINE AMPLIFIER WITH 14 CH DSP

# VENEZIA V8 DSP

#### UNLEASH THE POWER OF DSP IN MARINE AMPLIFICATION

Experience the pinnacle of marine audio performance with the Hertz V8 DSP, the latest innovation from Hertz Marine. This powerhouse amplifier is equipped with built-in 14 channels of digital signal processing (DSP), delivering unparalleled audio control and superior sound quality for your marine audio system.

With its hi-res certification, the Hertz V8 DSP sets a new standard for audio fidelity on the water. Prepare to be captivated by an immersive listening experience as the amplifier processes audio at an impressive 24-bit/96 kHz resolution. Every nuance and detail in your music will be faithfully reproduced, allowing you to enjoy your favorite tracks in stunning clarity and depth.

Upgrade your boat's audio system with the Hertz V8 DSP, and discover a new dimension of sonic excellence on the water. Immerse yourself in high-resolution audio, unleash powerful and efficient amplification, and enjoy unparalleled control and configurability, all in one exceptional marine amplifier.



A2B technology utilizes high-resolution digital audio transmission, minimizing signal degradation and noise interference.

Its single-wire, daisy-chain topology streamlines the wiring process, making it easier for installers to complete the setup efficiently. This simplifies the integration process with the OEM infotainment system of the boat, reducing the complexity and time required to set up your marine audio system.



Designed with versatility in mind, the Hertz V8 DSP features a digital input, enabling seamless compatibility with a Full DA HD chain when paired with the Hertz Capri source. This combination ensures a pristine audio signal flow from the source to the amplifier, eliminating any loss or degradation along the way. Immerse yourself in the full potential of high-definition audio, experiencing your music as the artist intended.

#### **\ HERTZ MARINE DSP TECHNOLOGY**



#### **\ KEY FEATURES**







PC

SOFTWARE

### bit Wave

### THE SUPERIOR PERFORMANCE OF DSP ON YOUR BOAT

Experience unparalleled audio control and superior sound quality on your boat with the revolutionary bit Wave Software. Designed to enhance your marine audio system, this user-friendly software brings advanced digital signal processing capabilities to your fingertips

#### **CONFIGURATION WIZARD**

Position settings

0

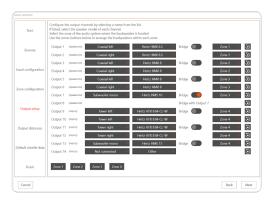
With its intuitive interface and a configuration wizard, the Hertz Marine DSP Software simplifies the process of assigning all 14 DSP channels to different zones on your boat. Whether you're on the deck, in the cabin, or at the helm, effortlessly customize and optimize the audio settings for each zone, tailoring the sound to your preferences.

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TOW LEFT (Tow left)

Ok Cancel



#### **4 INDEPENDENT LISTENING ZONES**

Harnessing the power of this software, you can create up to four independent listening zones, each with its own optimized audio setting. Whether you desire a lively atmosphere for entertaining guests or a serene ambiance for relaxation, the bit Wave Software offers the flexibility to meet your specific audio needs, wherever you are on your boat. settings for each zone, tailoring the sound to your preferences.





#### HI-RES MARINE AMPLIFIERS

# VENEZIA COMPACT

#### **ULTRA COMPACT LAYOUT SUPERIOR POWER**

Venezia Compact redefines what a compact marine amplifier can achieve. This exceptional line of amplifiers is meticulously crafted to deliver uncompromising audio performance, versatility, and durability, all within a sleek and space-saving design. Prepare to be amazed by the power and clarity of the Venezia Compact amplifiers as it sets sail to revolutionize your marine audio experience.

#### Powerful Amplification, Compact Form

Venezia Compact brings the best of both worlds - extraordinary power and versatility packed into a compact form factor. These amplifiers are expertly engineered with advanced Class-D technology, ensuring efficient power delivery without compromising on audio quality. Experience commanding sound reproduction without sacrificing valuable space on your boat.

#### Hi-Res audio performance

Unleash the full potential of your marine audio system with the Venezia Compact Line's hi-res audio fidelity. These amplifiers are designed to reproduce every detail of your favorite tunes with pristine clarity and precision. Enjoy deep, punchy bass, rich midranges, and sparkling highs that will elevate your on-water entertainment to new heights.

#### Versatile Connectivity

The Venezia Compact Line features a range of input and output options, making it effortlessly compatible with various audio sources and speaker configurations. Whether you prefer a simple setup or a multi-speaker arrangement, these amplifiers can handle it all, providing a seamless and immersive audio experience.



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

**Fully** \_\_\_\_\_bridgeable

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



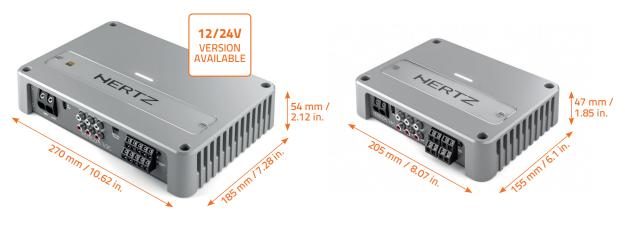






#### **ULTRA SPACE-SAVING DESIGN**

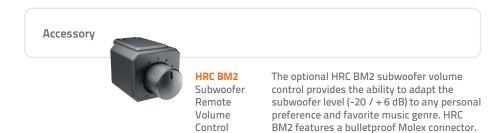
Designed with space constraints in mind, the Venezia Compact Line boasts a sleek and slim profile, making installation hassle-free and allowing for seamless integration into your boat's audio setup. The compact dimensions ensure that you can optimize your boat's available space while still enjoying top-of-the-line audio performance.



**1010W** RMS POWER VENEZIA V5C D-Class Five Channels Marine Amplifier 760W VENEZIA V4C D-Class Four Channels Marine Amplifier

#### **\ KEY FEATURES**

- Engineered and tested for marine application (UV, saltfog, vibrations, high/low temperature, thermal shock).
- ADC (Advanced D-Class) Technology 2Ω 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.



#### NERTZ



#### HIGH-PERFORMANCE SPEAKER

### HMX

#### SPORT GRILLES ARE THE PERFECT MATCH FOR ANY BOATS

HMX coaxials are engineered to operate in open water, pleasing you with the incomparable emotions of music for years on end: the specific ASA plastic grilles and polypropylene cone with co- molded Santoprene surround.

The Aramid fiber spider with silicone-insulated lead wire ensures durability and constant performance over time. Parts and assembly methods are designed to meet high-humidity marine environments, ensuring the best audio performance season after season.

In order to always find the perfect match for each project, we have expanded the range of customization of HMX speakers with the new tone-on-tone paint option for the elegant stainless steel mesh grille.





#### **\ KEY FEATURES**

- Hertz Pure Marine Certified Product stamp featuring the IP65 protection grade, ASTM-D4329 standards for UV resistance and ASTM-B117 for salt fog operability.
- 1.4" Neodymium magnet tweeter featuring a PEI material dome combined with faceplate and acoustic lens optimized for best off-axis dispersion and highest SPL.
- Sound-transparent stainless-steel tweeter mesh grille providing efficient high frequency transfer, eye catching look and a rock-solid protection.
- Long-throw 25mm (1") voice coil woofer fine-tuned for infinite baffle applications.
   Sealed built-in crossover with resettable solid-state tweeter protection circuit.
- Gold-plated corrosion resistant terminals.



**NERT**2

Accessory



HM RGB 1 BK Optional Rgb Remote Control



The built-in leds create a unique feeling on board to give the right atmosphere to your venues.

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CAYMAN 35.

#### PAINTABLE SPORT GRILLE

HMX sport grille can be easily removed to be painted with a custom color perfect for your boat.

This picture shows some examples of custom color combinations.

#### NERTZ





**150W** POWER HANDLING

HMX 6.5 S-LD-G Rgb Leds 6.5" Marine Coax Sport Gray

POWER HANDLING

200W POWER HANDLING

HMX 8 S-LD-G Rgb Leds 8″ Marine Coax Sport Gray

**150W** HMX 6.5 S-LD-SW Rgb Leds 6.5" Marine POWER HANDLING Coax Sport Silver-White

HMX 8 S-LD-SW **200W** Rgb Leds 8" Marine Coax Sport Silver-White

**150W** POWER HANDLING

Total White HMX 6.5-LD-TW Rgb Leds 6.5" Marine Coax Total White

HMX 6.5-TW

6.5" Marine Coax

**HMX 8-TW 200W** 8" Marine Coax POWER HANDLING

Total White HMX 8-LD-TW Rgb Leds 8" Marine Coax Total White

**150W** POWER HANDLING

200W

POWER

HANDLING

HMX 6.5-TC 6.5" Marine Coax Total Black

HMX 6.5-LD-TC Rgb Leds 6.5" Marine Coax Total Black

**HMX 8-TC** 8" Marine Coax Total Black

HMX 8-LD-TC Rgb Leds 8" Marine Coax Total Black

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# COMPRESSION DRIVER TOWERS WITH COMMON MOTORS

# HTX H

Introducing the revolutionary Hertz Marine Common Motor Compression Driver Tower Speakers, a groundbreaking addition to the world of marine audio technology. Engineered to perfection and built with uncompromising precision, these speakers redefine the concept of high-performance marine audio systems, delivering an unparalleled listening experience for boating enthusiasts and water sports aficionados.

At the heart of these extraordinary tower speakers lies their cutting-edge common motor compression driver technology. The precisely engineered wave guide optimizes the dispersion of sound waves, enabling enhanced sound projection and increased efficiency. The result is clear, distortion-free audio that carries over long distances, allowing you to enjoy your favorite music with a level of clarity and fidelity that is second to none.

## COMMON MOTOR COMPRESSION DRIVER TOWER RAISES THE AUDIO PERFORMANCE TO THE NEXT LEVEL!







HTX 8H S-FL-SW Rgb Leds Marine Tower Horn 8" Flat Sport Silver-White



HTX 8H S-FL-G Rgb Leds Marine Tower Horn 8" Flat Sport Grey

### -30% WEIGHT AND DEPTH

Hertz Marine proprietary Common Motor Driver allows for improved acoustical performances with significant reduction in size and weight.

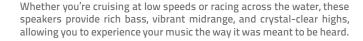


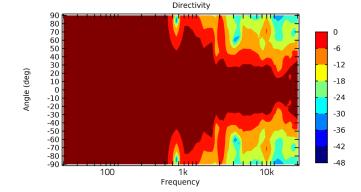




HERTZ COMMON MOTOR DRIVER

TRADITIONAL MOTOR





The powerful drivers integrated into the Hertz Marine Tower Speakers are expertly tuned to deliver a wide frequency response, ensuring every note, beat, and melody is reproduced faithfully, showing a focused and very linear SPL response at the listening position with an horizontal directivity of 60° starting from 2kHz up to the top end.

### **\ KEY FEATURES**

- Hertz Pure Marine Certified Product stamp featuring the IP65 protection grade, ASTM-D4329 standards for UV resistance and ASTM-B117 for salt fog operability.
- 400 W peak power with a stunning sensitivity of 98 dB SPL for the ultimate listening experience.
- FEM optimized wave guide boasting a focused and very linear SPL response ensuring full range sound quality at 100 feet and beyond.
- Waterproof acoustically transparent screen dust cup for maximum protection
- Common Motor Driver technology allows for improved acoustical performances with significant reduction in size and weight.
- RGB led lighting for a never-ending color wheel adding a whole new level of
  personalization and swagger to your set up.
- Long-throw 51 mm (2") voice coil woofer fine-tuned for sealed box applications.
- Sealed built-in crossover with resettable solid-state tweeter protection circuit.









# HIGH-PERFORMANCE COAXIAL TOWERS

# HTX

Are you ready to enjoy your favorite track at high output level during your daily water ski session? Hertz Marine Towers, available with Clamp & Flat mounting options, developed for installations where compactness is required, will make your sport and leisure outings unforgettable, thanks to impressive audio performance and cool color lighting. Hertz Marine Tower are equipped with dedicated 8" coaxial speaker featuring a long-throw 32 mm (1.26") voice coil woofer with polypropylene cone injected with UV inhibitors and 1.4" Neodymium magnet tweeter, ensuring impressive audio performance.

# THE SPORT GRILLE OPTION IS THE RIGHT CHOICE TO IMPRESS YOUR FRIENDS WITH A DISTINCTIVE LOOK!







HTX 8 M-FL-TW Rgb Leds Marine Tower Coax 8" Flat Total White



HTX 8 M-FL-TC Rgb Leds Marine Tower Coax 8" Flat Total Black



Enclosure and grilles are made of High-Impact & UV-resistant ASA polymer for the best durability under severe environmental conditions. The solid 316-Stainless steel clamp mounting is ideal for Round or Square profile pipe applications where sound needs to be easily oriented and quickly released.



HTX RGB W LOGO.1 Optional Rgb Led Lighting Rear Logo White HTX RGB C LOGO.1 Optional Rgb Led Lighting Rear Logo Black

Accessory for both HTX H and HTX models



### HM RGB 1 BK Optional Rgb Remote Control



#### HTX CLAMP.1 The optional Cla

The optional Clamp mounting options, includes rubber inserts for vibrations damping and fits both round roll-bar [38 mm, 76 mm (1-1/2" to 3") and square roll-bar or roof mounting by detaching clamp basement upper part.







# COAXIAL SPEAKERS

# HEX

## PREMIUM QUALITY AND COOL STYLING, THIS IS HEX LINE

Available with 3 option grilles, SPORT, MARINE and CLASSIC, HEX coaxial always provide the perfect style for your boat, giving you years of pure fun while cruising, being over engineered and tested for Marine applications.

The compact 6.5" speaker, with a depth of only 2.36 in. delivers a detailed and dynamic sound, making every outing memorable.

### **\ KEY FEATURES**

- Hertz Pure Marine Certified Product stamp featuring the IP65 protection grade, ASTM-D4329 standards for UV resistance and ASTM-B117 for salt fog operability.
- High efficiency tweeter designed with FEM simulation to maximize off-axis emission, typical of in-boat install.
- Sound-transparent mesh grille with twist and lock locking system, providing an elegant style and a rock-solid protection.
- Woofer with 25 mm (1") voice coil fine-tuned for infinite baffle application featuring silicone insulated lead-wire for durability.
- Sealed built-in crossover with resettable solidstate tweeter protection circuit.
- Nickel-plated corrosion resistant terminals.

# NERTZ



CLASSIC

MARINE

The built-in leds create a unique feeling on board to give the right atmosphere to your venues.





PAINTABLE SPORT GRILLE HEX sport grille can be easily removed to be painted with a custom color perfect for your boat.

This picture shows some examples of custom color combinations.









**100W** POWER HANDLING HANDLING



HEX 6.5 M-TC 6.5" Marine Coax Total Black



**100W** POWER HANDLING HEX 6.5 S-LD-G Rgb Leds 6.5" Marine Coax Sport

NERTZ





COAXIAL SPEAKERS

# **HEX IN-CEILING**

Hertz marine In-Ceiling speaker is designed to deliver thrilling sound with a near stealth installation. Engineered to be incredibly durable, they are fine-tuned for in-wall positioning providing top audio performance from very discreet designs. This includes an advanced crossover built with marine conformal coated PCB encapsulated in a sealed enclosure to prevent corrosion.

## **\ KEY FEATURES**

- Hertz Pure Marine Certified Product stamp featuring the IP65 protection grade, ASTM-D4329 standards for UV resistance and ASTM-B117 for salt fog operability.
- Edgeless mesh grille with magnetic locking system designed to disappear from view.
- Sealed crossover filter made by marine-grade coded PCB to prevent corrosion against salt fog.
- Dedicated crossover designed to optimize sound emission for in-wall install.
- High efficiency tweeter designed with FEM simulation to maximize sound projection for in-wall and in-ceiling installation.
- Woofer with 25 mm (1") voice coil and 6 Ω impedance, optimized for any amplifiers system.
- Silicone insulated lead wires for extended durability in outdoor application.
- Fast and easy installation thanks to the robust hooking system.



**100W** POWER HANDLING

### HEX 6.5 IC-W

6.5" Marine Coax In-Ceiling

## HEX 6.5 IC-W-T

6.5" Marine Coax In-Ceiling with line transformer







# HMS

# HERTZ MARINE SUBWOOFERS WILL BRING YOUR PARTY TO THE NEXT LEVEL!

Available with sport or marine grille option, HMS subwoofers are designed to be installed without the need for a dedicated enclosure delivering powerful and precise bass in any vessel.

Sport grille, featuring built-in leds, can be easily removed to be painted with the perfect color for your vessel.

The motor and suspension design are optimized for high-power and infinite-baffle operation featuring long linear excursion capability for tremendous output with low-distortion. Hertz Marine subwoofers not only add tons of bass output to your system but also relieve the main speakers from the hard work of reproducing the lowest frequency range, maximizing the overall system performance, for unlimited sound pressure and emotion!

# MAKE YOUR BOAT LOOK DYNAMIC WITH THE NEW SPORT GRILLE OPTION FOR HERTZ MARINE SUBWOOFER.

## **\ KEY FEATURES**

- Hertz Pure Marine Certified Product stamp featuring the IP65 protection grade, ASTM-D4329 standards for UV resistance and ASTM-B117 for salt fog operability.
- Long-throw 50 mm (2") voice coil woofer engineered for infinite baffle application featuring polypropylene cone injected with UV inhibitors and co-molded Santoprene surround.
- Progressive-design aramid fiber spider with silicone-insulated lead wires ensuring durability and constant performance over time.
- High-excursion mobile equipment driven by a massive magnetic group encapsulated into a marine-grade polymer injected basket.
- Gold-plated corrosion resistant brass connection terminals with silicone cap protecting lead wire junction point.













LED LIGHTING The built-in leds create a unique feeling on board to give the right atmosphere to your venues.

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SPX Z

**PAINTABLE SPORT GRILLE** HMS sport grille can be easily removed to be painted with a custom color perfect for your boat.

This picture shows some examples of custom color combinations.







**500W** 

POWER

HANDLING





<b>1000W</b>	
POWER HANDLING	

HMS 12 S4-LD-SW Rgb Leds 12" Sport Marine Subwoofer Silver-White **HMS 12 S2-LD-SW** 

Rgb Leds **2 0** 12" Sport Marine Subwoofer Silver-White

**500W** POWER HANDLING

HMS 10 S4-LD-SW Rgb Leds 10" Sport Marine Subwoofer Silver-White

HMS 10 S2-LD-SW.1 Rgb Leds 2 Ω 10" Sport Marine Subwoofer Silver-White

HMS 12 S4-LD-G **1000W** Rgb Leds 12" Sport POWER HANDLING Marine Subwoofer Gray HMS 12 S2-LD-G Rgb Leds 2 Ω 12" Sport Marine Subwoofer Gray

> HMS 10 S4-LD-G Rgb Leds 10" Sport Marine Subwoofer Gray HMS 10 S2-LD-G.1 Rgb Leds 2 Ω 10" Sport Marine Subwoofer Gray

**HMS 12 B4-LD-W** 1000W Rgb Leds 12" Marine POWER HANDLING Subwoofer White

**HMS 12 B2-LD-W** Rgb Leds 2 Ω 12" Marine Subwoofer White

**500W** POWER HANDLING

**HMS 10 B4-LD-W** Rgb 10" Marine Subwoofer White

**HMS 10 B2-LD-W** Rgb Leds 2 Ω 10" Marine Subwoofer White

HMS 12 B4-LD-C **1000W** POWER HANDLING

**500W** 

POWER

HANDLING

Rgb Leds 12" Marine Subwoofer Black

HMS 12 B2-LD-C Rgb Leds 2 Ω 12" Marine Subwoofer Black

HMS 10 B4-LD-C Rgb 10" Marine Subwoofer Black

HMS 10 B2-LD-C Rgb Leds 2 Ω 10" Marine Subwoofer Black

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# WI-FI CAMERA

# HM CAM W01

CAM W01 is the perfect option for shooting your fun time and to support you during boat mooring and anchor.

HM CAM WO1 super compact Wi-Fi backup rear camera is the ideal choice for installation on your boats. HM CAM features high definition recording up to 720p at 30 fps with an ultra-wide shooting angle of 120° Horizontal and 90° Vertical. The advanced Wi-Fi control app is available for iOS and Android.

Thanks to the IP67 certification the camera is ready to face the open water.

## **\ KEY FEATURES**

- Super compact Wi-Fi backup rear camera ideal for installation on cars, boats, trucks and campers
- Total impermeability thanks to the IP67 certification
- High definition recording up to 720p at 30 fps
- Ultra-wide shooting angle of 120° Horizontal and 90° Vertical
- Switchable parking lines display
- Wi-Fi control app available for iOS and Android















NERTZ

# **HERTZ MARINE ACCESSORIES**



#### **CAPRI HD1 REMOTE CONTROL**

H1 provides the ability to replicate every function of the CAPRI main unit, creating up to 3 independently controlled listening areas. Optional for CAPRI



#### **CAPRI HMB DAB+**

This module add DAB+ DIGITAL RADIO capability. Provided with dedicated antenna. Optional for CAPRI HMB DAB+

This module add DAB+ DIGITAL RADIO capability. Provided with dedicated antenna. Optional for HMR 20



#### HMC D1 REMOTE CONTROL

HMCD1 provides the ability to replicate every function of the HMR 50 main unit, creating up to 3 independently controlled listening areas.

Optional for HMR 50



#### HMC U1 REMOTE CONTROL

Optional for CAPRI, HMR 50

HM CAM CO1 WIRED BACKUP REAR CAMERA

HM RGB 1 BK WIRELESS RGB REMOTE CONTROL

Optional for speakers with RGB leds option (LD)

Play your favorite song and pump-up the volume while swimming in open water. Thanks to IPX7 certification you can install HMC U1 remote controll anywhere on the boat. Optional for CAPRI, HMR 50, HMR 20, HMR 18 D, HMR 18, HMR 15 D, HMR 15, HMR 10D, HMR 10, HMR BT

HM CAM CO1 features high-definition recording up to 720p at 30

fps with an Ultra-wide shooting angle of 120° Horizontal and 90°

HM RGB 1 BK includes an RGB CONTROLLER specifically developed

for LEDs option models and a radio frequency remote control with a wide array of functionalities ranging from color selection to the

Vertical. An additional features is the Night vision mode.



### HMA USB AUX IN

**Extension cable water proof 2 mt.** Optional for CAPRI and HMR line



HMR 50 main unit CAPRI HMA C13Y Optional for connecting CAPRI HD1 to CAPRI main unit

### HMA C1306

Optional for connecting HMC D1 to HMR 50 main unit – 6 mt CAPRI HMA C1306 Optional for connecting CAPRI HD1 to CAPRI main unit – 6 mt

### HTX RGB W LOGO.1

White logo to create the same atmosphere of front RGB led on rear. Optional for HTX H and HTX lines. HTX RGB C LOGO.1 Black logo to create the same atmosphere of front

**RGB led on rear.** Optional for HTX H and HTX lines.



### HRC BM2

**Subwoofer remote volume control.** Optional for Venezia amplifier line.

tempo lighting games activation.



### HTX CLAMP.1 Optional for HTX H and HTX lines.

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HMA C3.5Y 3.5 jack y cable. Optional for CAPRI and HMR line



HMA DAB ANT Active 12V glass mount Optional for CAPRI HMB DAB+, HMB DAB



HMA C3.5 3.5 jack extension cable 10 mt. Optional for CAPRI and HMR line



HMA FM ANTENNA Dipole hideaway cable Optional for CAPRI, HMR 50, HMR 20, HMR 18 D, HMR 18, HMR 15 D, HMR 15, HMR 10D, HMR 10



### **TECHNICAL SPECIFICATIONS**

MARINE GRADE SOURCE UNITS							R HARTE R H H H H H H H H
SPECIFICATIONS	CAPRI	HMR 50	HMR 20	HMR 18 - HMR 18 D	HMR 15 - HMR 15 D	HMR 10 - HMR 10 D	HMR BT
DISPLAY	4.3" COLOR TFT IPS	3.5" COLOR TFT IPS	3" COLOR TFT IPS	2.8" DOT Matrix display	2.8" DOT Matrix display	2.8″ DOT Matrix display	-
PEAK POWER @ 4 Ω	4 x 70 W	4 x 50 W	4 x 50 W	4 x 50 W	4 x 50 W	4 x 50 W	-
FRONT PANEL IP RATING	IP67	IP66	IP66	IP66	IP66	IP66	IP67
MULTI-ZONE	4	3	2	2	-	_	-
LINE OUT (RCA)	4x L+R (one per zone) HPF: ALL, 60, 80, 100 Hz	3x L+R (one per zone) (HPF: ALL, 60, 80, 100 Hz on ZONE1 only)	2x L+R (one per zone)	2x L+R (one per zone)	2x L+R (Front and Rear)	2x L+R (Front and Rear)	1x Stereo RCAs
SUBWOOFER OUT (RCA)	4x (LPF: ALL, 60, 80, 100 Hz)	1x (LPF: ALL, 60, 80, 100 Hz)	1x (LPF: 80, 120, 160 Hz)	1x (LPF: 80, 120,160 Hz)	1x (LPF: 80, 120,160 Hz)	_	_
AUX INPUT (RCA)	1x L+R	1x L+R	1x L+R	1x L+R	1x L+R	1x L+R	_
S/PDIF DIGITAL IN	Toslink (24 bit/96 kHz)	-	-	-	-	-	_
S/PDIF DIGITAL OUT	Coaxial (24 bit/96 kHz)	_	_	_	_	-	_
EQUALIZER	CUSTOM 8 BANDS for each zone	CUSTOM 8 BANDS for each zone	BASS-TREBLE for each zone	BASS-TREBLE	BASS-TREBLE	BASS-TREBLE	_
EQ. PRESET	8	5	5	3	3	3	_
CAMERA IN	Yes	Yes	-				_
BATTERY VOLTAGE GAUGE	Yes	Yes	Yes	_	_	_	_
SOURCES							
TUNER	AM/FM (RDS) (EU/US) Weather band	AM/FM (RDS*) (EU/US) Weather band *where available	AM/FM (RDS*) (EU/US) *where available	AM/FM (RDS*) (EU/US) *where available	HMR 15: AM/FM (EU/US) HMR 15 D: FM (RDS*) (EU) *where available	HMR 10: AM/FM (EU/US) HMR 10 D: FM (RDS*) (EU) *where available	-
USB	Yes (2A)	Yes (2A)	Yes (2A)	Yes (1A)	Yes (1A)	Yes (1A)	-
IPOD/IPHONE	Yes	Yes	-	-	-	-	-
DAB+	Ready	-	Ready	Only HMR 18 D	Only HMR 15 D	Only HMR 10 D	-
SIRIUSXM READY	Yes	Yes	-	-	-	-	-
	5.1	5.0	5.0	5.0	5.0	3.1	5.0
BLUETOOTH	Audio streaming with ID3 Tag Display	Audio streaming with ID3 Tag Display	Audio streaming with ID3 Tag Display	Audio streaming	Audio streaming	Audio streaming	Audio streaming
	LDAC – AAC – APTX HD	APTX	-	-	-	-	APTX HD
REMOTE CONTROL	HMC HD1 (up to 4 zones) HMC U1 (up to 2 zones)	HMC D1 (up to 3) HMC U1 (up to 3)	HMC U1 (up to 3)	HMC U1 (up to 3)	HMC U1 (up to 3)	HMC U1 (up to 3)	HMC U1 (up to 3)
SIZE & MOUNTING							
Unit Size mm (in.)	W 178 (7) x H 101 (3.97)	W 146 (5.748) x H 105 (4.134) x D 121 (4.763)	W 146 (5.748) x H 105 (4.134) x D 121 (4.763)	W 146 (5.748) x H 114 (4.134) x D 103 (4.055)	W 126 (4.960) x H 114 (4.488) x D 96.5 (3.799)	Ø 113 (4.45) D 96.5 (3.799)	W 73,2 (2.9) x H 63,7 (2.5) x D 55,8 (2.2)
Mounting Hole size mm (in.)	148 (5.83) x 60,4 (2.38)	W 122 (4.8) x H 52 (2.05)	W 120 (4.72) x H 50 (1.97)	Ø 89,5 (3.52)	Ø 89,5 (3.52)	Ø 89,5 (3.52)	Ø 45 (1.77)
Mounting Depth mm (in.)	98 (3.85)	99 (3.89)	98 (3.86)	80 (3.15)	72 (2.83)	72 (2.83)	39,1 (1.54)
Mounting Method	Panel mount (4 screws)	Panel mount (4 screws)	Panel mount (4 screws)	Panel mount (4 screws)	Panel mount (4 screws); U-Bracket	U-Bracket	Panel mount (4 screws)

# **HIGH-PERFORMANCE SPEAKERS**

Magnet WF/TW

Woofer Cone / Tweeter Dome

HMX SERIES			
COAX specifications		HMX 6.5 (LD/TW/TC/G/SW)	HMX 8 (LD/TW/TC/G/SW)
	Woofer	165 (6.5)	200 (8)
Size mm (in.)	Tweeter	36 (1.4)	36 (1.4)
	Mounting	69 (2.72)	91 (3.58)
Damas Hand W	Peak	150	200
Power Hand. W	Continuous	75	100
Imp.Ω		4	4
Freq. Resp.Hz		50 - 25 K	45 - 25 K
Sens. dB/SPL		89	91
Magnet WF/TW		High density flux ferrite / Neodymium	High density flux ferrite / Neodymium
Woofer Cone / Tw	veeter Dome	Polypropylene / PEI	Polypropylene / PEI

HEX SERIES				
COAX specifications		HEX 6.5 (TW/TC/C-W)	HEX 6.5 S-LD-G	HEX 6.5 (IC-W/IC-W-T)
	Woofer	165 (6.5)	165 (6.5)	165 (6.5)
Size mm (in.)	Tweeter	24 (0.9)	24 (0.9)	24 (0.9)
	Mounting	60,5 (2,38)	60,5 (2.38)	81 (3.2)
Power Hand. W	Peak	100	100	100
Power Hand. W	Continuous	50	50	50
lmp.Ω		4	4	6 (IC-W only)
Freq. Resp.Hz		50 - 23 K	50 - 23k	50 - 22k
Sens. dB/SPL		88	88	88

High density flux ferrite / Neodymium

Polypropylene / PEI

High density flux ferrite / Neodymium

Polypropylene / PEI

High density flux ferrite / Neodymium

Polypropylene / Tetolon

# **PREMIUM CLASS TOWER**

HTX SERIES			
COAX specifications		HTX 8H S-FL (SW-G)	HTX 8 M-FL (TW-TC)
	Woofer	200 (8)	200 (8)
	Compression Driver	36 (1.4)	-
Size mm (in.)	Tweeter	-	36 (1.4)
Size mm (in.)	Diameter Ø	225 (8.86)	225 (8.86)
	Mounting Depth	288 (11.34)	288 (11.34)
	Min. Mounting Height clamp/flat	325 (12.8) / 237 (9.3)	325 (12.8) / 237 (9.3)
Power Hand. W	Peak	400	200
Power Hand. W	Continuous	200	100
lmp.Ω		4	4
Freq. Resp.Hz		45 - 25 K	45 - 25 K
Sens. dB/SPL		98	91
Magnet WF/TW		High density flux ferrite	High density flux ferrite / Neodymium
Compression Driv	er Dome	Polyammide	_
Woofer Cone / Tw	reeter Dome	Water Repellent pressed paper	Polypropylene with UV inhibitors / PEI

# **MARINE SUBWOOFERS**

OFERS			
SUB specifications		HMS 10 S2/S4 - B2/B4 (LD/W/C/SW/G)	HMS 12 S2/S4 - B2/B4 (LD/W/C/SW/G)
Size mm (in.)		250 (10)	300(12)
Mounting		145 (5.71)	140.6 (5.54)
B	Peak	500	1000
Power Hand. W Continuous		250	500
lmp.Ω		4 (S/S4/B) 2 (S2/B-2)	4 (S4/B4) 2 (S2/B2)
Sens. dB/SPL		88 (4) 88.5 (2)	89.5
Application		Infinite baffle	Infinite baffle
Magnet		High density flux ferrite	High density flux ferrite
Cone		Polypropylene with UV inhibitors	Polypropylene with UV inhibitors

# DIGITAL SIGNAL PROCESSOR



#### specifications POWER SUPPLY Nominal Power supply voltage / fuse: 7 ÷ 20 VDC / 1A 5 ÷ 24 VDC Pulse operating voltage: 0.34 A Idling current: OFF current (ART<sup>™</sup>= OFF): <80 µA OFF current (ART<sup>™</sup>= ON): <80 µA Remote IN: 6 ÷ 20 VDC (10 mA) Remote OUT: 4 ÷ 20 VDC (150 mA) ART - Automatic Remote Turn on/off from BTL speaker 1.5 ÷ 7 VDC outputs (selectable): SIGNAL STAGE 24bit Resolution: Sampling Rate 96 KHz Distortion - THD @ 1 kHz, 1 VRMS Output: 0.004 % 10 Hz ÷ 40 kHz Bandwidth @ -3 dB: S/N ratio @ A weighted, 4 V Output, 1 V Master Input: 100 dBA S/N ratio @ A weighted, 4 V Output, 1 V Digital IN Input: 112 dBA Channel Separation @ 1 kHz: 97 dBA Input sensitivity Pre-In: 0.8 ÷ 6 VRMS Input sensitivity Speaker-In: 2.5 ÷ 21 VRMS 38 kΩ (Pre IN/AUX) 4.7 Ω (Speaker IN) Input Impedance: 4 V Max output Level 0,1%THD: INPUTS STAGE Analog inputs management Audio input routing matrix type Low level (Pre In): 6 RCA inputs Hi-Level: 6 Wired inputs Digital IN: Coaxial S/PDIF; max 24bit 96KHz; Extra Gain: +3dB, +6dB.

OUTPUT STAGE		
Low level (Pre Out):	8 RCA outputs	
Output Equalizer	15 poles Parametric EQ: ±12 dB; 20 ÷20 kHz	
Output Signal Limiter	Yes (Selectable)	
CONNECTION		
From / to personal computer:	1 x micro USB	
Bluetooth data connectivity (no audio streaming):	BT 5.0 (BLE)	
CROSSOVER		
Filter type:	Full / Hi-Pass / Low-Pass / Band Pass	
Filter mode and slope:	Linkwitz @ 12 / 24 dB Butterworth @ 6 / 12 /18 / 24 / 30 dB Bessel @ 6 / 12 /18 / 24 / 30 dB	
Crossover frequencies:	20 ÷ 20 k Hz (120 step)	
Phase control:	0° / 180°	
EQUALIZER (20 HZ ÷ 20 kHz)		
Inputs:	Parametric EQ: +12 dB ÷ -12 dB; 7 poles (for each input channel)	
Outputs:	Parametric EQ: +12 dB ÷ -12 dB; 15 poles (for each output channel)	
GENERAL		
Memory Preset:	4 x Preset	
Memory Preset selection:	Through the Control Software or by wire	
Input Selection:	Through the Control Software or by wire	
TIME ALIGNMENT		
Distance:	0 ÷ 471.5 cm / 0 ÷ 185.5 in.	
Delay:	0 ÷ 13.58 ms	
Step:	0.02 ms, 0.7 cm / 0.27 in.	
GENERAL REQUIREMENTS		
PC connections:	1 x USB 1,1 / 2,0 / 3,0 Compatible or Bloutooth 5.0 BLE	
Software / PC requirements:	Microsoft Windows (32/64 bit): Windows 10 (USB and BT BLE) Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)	
Minimum mobile device require- ments:	Android OS 7 or later (USB OTG and BT BLE), iOS 12 or later (BT BLE)	
Video Resolution with screen resize	min. 1024 x 600	
Ambient operating temperature range	0° C to 55° C / (32° F to 131° F)	
SIZE / WEIGHT		
Max size W x H x D (mm/inch):	130 x 37 x 88.3 / 5.12 x 1.45 x 3.48	
Weight (kg/lb):	0.66 / 1.45	

AMP

Channel Mode

Distortion - THD

Damping factor

Size W x D x H

S/N Ratio

Output Power (RMS) @ 14.4 VDC / 28.8 VDC (HMD1 24V)

# **HIGH-POWER AMPLIFIERS**



@ 4Ω

@ 2Ω

@ 1Ω

1 kHz @ 4Ω

1 kHz @ 4Ω, 2 VRMS

Sensitivity @ 1 V RMS



W x ch

W x ch

W x ch

%

dBA

mm

in.

1

500

800

1000

0.1

101

120

238 x 49,5 x 155

9.37 x 1.95 x 6.1

Carling Contraction

### HMD8 DSP - HMD8 DSP 24V

AMP specifications

Channel Mode			8 - 4
Output Power (RMS) @ 14.4 VDC / 28.8 VDC (HMD8 24V)	@ 4Ω	W x ch	85 x 8
	@ 2Ω	W x ch	130 x 8
	@ 4Ω	W x ch (4 ch) bridged	260 x 4
Distortion - THD	1 kHz @ 4Ω, 2 VRMS	%	0,06
S/N Ratio	Sensitivity @ 1 V RMS	dBA	105
Damping factor 1 kHz @ 4Ω			110
Size W x D x H		mm	238 x 49,5 x 155
		in.	9.37 x 1.95 x 6.1

DIGITAL SIGNAL PROCESSOR	
Filter type	Full / High pass / Low pass / Band pass
Filter model and slope	Butterworth (6, 12, 18, 24, 30, 36, 42, 48, 54, 60 dB/oct) Linkwitz-Riley (12, 24, 36, 48, 60 dB/oct) Bessel (6, 12, 18, 24, 30, 36, 42, 48, 54, 60 dB/oct) Chebyshev (6, 12, 18, 24, 30, 36, 42, 48, 54, 60 dB/oct) QLP quasi-linear phase (6, 12 dB/oct)
Crossover frequency	20 Hz – 20000 Hz integer values
Phase control	0 ° – 180°, all pass equalizer poles
Bass boost	-
Analog input equalizer	-
Output equalizer	Graphic and Parametric modes n. 10 parametric poles (Peaking, High Shelf, Low Shelf, Notch, All pass) ±12 dB gain, variable Q (0.5 – 16.0) n. 10 graphic poles
Time alignment distance	0 - 510 cm (0 - 200.8 inches)
Time alignment delay	0 - 15 ms
Time alignment step	1 cm
Time alignment fine set step	1 sample
Memories	n. 2 memories n. 3 parametric poles for each memory (Peaking, High Shelf, Low Shelf) ±12 dB gain, variable Q (0.5 – 16.0)
Preset	Rotary switch for 7 installation presets

# **HIGH-POWER AMPLIFIERS**



#### AMP specifications

DO	A/ED	CII	DD	I V

POWER SUPPLY	
Nominal power supply voltage / fuse	11 ÷ 15 VDC / 2 x 30A
Pulse Operating voltage	6.5 ÷ 17.5 VDC
Idling current	2,5A
Standby current draw	1.5mA
Consumption @ 14.4 VDC, 2Ω, Max Musical Power)	90 A
Remote IN	4 ÷ 15 VDC (1 mA)
Remote OUT	6.5 ÷ 15 VDC (150 mA)
Efficiency @ rated power (RMS) @14.4 VDC, 1% THD,4Ω, All Channels	88%
AMPLIFIER STAGE	
Distortion - THD+N @ 1 KHz, 4Ω, 70% Rated Power	0,05 %
Damping factor @ 1 kHz , 4Ω, 2 VRMS	100
Bandwidth @ -3 dB	10Hz ÷ 42kHz
S/N ratio (A weighted @ 1 V Input, Rated Power) Master Input	98,5 dBA
S/N ratio (A weighted @ Rated Power) Digital Input	105 dBA
Minimum load impedance	8Ch: 2Ω 4Ch - (Bridge 1/2; 3/4; 5/6; 7/8) : 4Ω
Output Continuous Power (RMS) @14.4 VDC, 1% THD:	
8Ch @ 4Ω	160 W x 8
8Ch @ 2Ω	260 W x 8
4Ch (Bridge 1/2; 3/4; 5/6; 7/8) @ 4Ω	520 W x 4
CEA SPECIFICATION	
Output power @ 4Ω, 1% THD+N, 14.4 V	150 W x 8
SN ratio (ref. 1 W output)	80 dBA

INPUTS / OUTPUTS		
Pre-In (12 Ch)	0.6 ÷ 6 VRMS (15 KΩ Imp.)	
Digital IN	1 x Coaxial S/PDIF; Max 192 KHz / 24 bit	
DSP Preout (6 Ch)	5V RMS	
DIGITAL SIGNAL PROCESSOR		
Audio DSP and Converters	"Analog Devices ADAU1467 automotive qualified audio processor. Processing @ 96 kHz. Analog Devices 3 x ADAU1978 (4ch) and ADAU1966A (16ch) A/D and D/A converters (24 bit/192 kHz) providing very high level performance."	
Filter type	Full / High-Pass / Low-Pass / Band-Pass	
Filter mode and slope	Linkwitz-Riley @ 12/24/36/48 dB/Oct. Butterworth @ 6/12/18/24/30/36/42/48 dB/Oct. Bessel @ 6/12/18/24/30/36/42/48 dB/Oct. Chebyshev @ 6/12/18/24/30/36/42/48 dB/Oct. QLP @ 6 dB/Oct.	
Crossover frequency	20 Hz ÷ 20k Hz	
Phase control	0° / 180°, All-Pass filters	
Output Equalizer	Parametric/Graphic Biquad: 15 poles, 20 Hz ÷ 20 kHz	
Input and Output Real Time Audio Monitor	RTA	
Time Alignment Distance	0 ÷ 510 cm / 0 ÷ 200,8 inches	
Time Alignment Delay	0 ÷ 15 ms	
CONTROL CONNECTIONS		
A2B IN/OUT ports	1x IN - 1x OUT; to build an A2B network	
Control Wires	4x Customizable control wires (+12V trigger)	
GENERAL REQUIREMENTS		
PC connections	Micro USB 1.1 / 2.0 / 3.0 Compatible	
Software/ PC requirements	Windows 10, Windows 11 (min. res. 1024 x 768)	
Ambient operating temperature range	0 °C to 55 °C (32 °F to 131 °F)	
SIZE / WEIGHT		
W (width) x H (Height) x D ( Depth) mm/inch	330 x 200 x 54 / 13 x 7.87 x 2.12	

# **HIGH-POWER AMPLIFIERS**

VENEZIA SERIES			A THE AND A THE	And	Rest of the second s	
AMP specif	ications	<b>VENEZIA V6 / V6 24V</b> 6 - 5 - 4 - 3	<b>VENEZIA V5</b> 5 - 3	<b>VENEZIA V4</b> 4 - 3 - 2	VENEZIA V1 / V1 24V	
Channel Mo	de				1	
	W x ch (6 ch)	160 x 6 (4Ω)		160 x 4 (4Ω)	-	
	W x ch (6 ch)	290 x 6 (2Ω)	-	290 x 4 (2Ω)	_	
	W x ch (5 ch)	160 x 4 (4Ω) + 580 x 1 (4Ω)	130 x 4 (4Ω) + 490 x 1 (4Ω)	-	-	
	W x ch (5 ch)	290 x 4 (2Ω) + 580 x 1 (4Ω)	220 x 4 (2Ω) + 820 x 1 (2Ω)	-	-	

AMP specifications			VENEZIA V6 / V6 24V	VENEZIA V5	VENEZIA V4	VENEZIA V1 / V1 24V
Channel Mode			6 - 5 - 4 - 3	5 - 3	4 - 3 - 2	1
	W x ch (6 ch)		160 x 6 (4Ω)		160 × 4 (4Ω)	-
	W x ch (6 ch)		290 x 6 (2Ω)	<u>-</u>	290 x 4 (2Ω)	_
	W x ch (5 ch)		160 x 4 (4Ω) + 580 x 1 (4Ω)	130 x 4 (4Ω) + 490 x 1 (4Ω)	-	_
	W x ch (5 ch)		290 x 4 (2Ω) + 580 x 1 (4Ω)	220 x 4 (2Ω) + 820 x 1 (2Ω)	-	-
	W x ch (4 ch)		160 × 2 (4Ω) + 580 × 2 (4Ω)	-	-	-
Output Power	W x ch (4 ch)		290 × 2 (2Ω) + 580 × 2 (4Ω)	-	-	-
RMS) @ 14.4 VDC	W x ch (3 ch)		580 x 3 (4Ω)	440 x 2 (4Ω) + 490 x 1 (4Ω)	160 x 2 (4Ω) + 580 x 1 (4Ω)	-
	W x ch (3 ch)		-	440 x 2 (4Ω) + 820 x 1 (2Ω)	290 x 2 (2Ω) + 580 x 1 (4Ω)	-
	W x ch (2 ch)		_	-	580 × 2 (4Ω)	-
	W x ch (mono)		-	-	-	700 x 1 (4Ω)
	W x ch (mono)		_	-	-	1260 x 1 (2Ω)
	W x ch (mono)		_	-	-	1260 x 1 (1Ω)
	Bypass		yes	yes	yes	yes
Filters	Hi-Pass	Hz @ dB/Oct.	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	-
	Band-Pass	Hz @ dB/Oct.	B: 50 ÷ 500 / 500 ÷ 5k @ 12	B: 50 ÷ 500 / 500 ÷ 5k @ 12	-	-
	Lo-Pass	Hz @ dB/Oct.	C: 50 ÷ 500 @ 12	C: 50 ÷ 500 @ 24	A/B: 50 ÷ 4k @ 12	50 ÷ 250 Hz @ 24 dB/Oct.
Subsonic	dB	Hz @ dB/Oct.	-	25 @ 24dB	-	25 @ 24dB
Bass Boost	dB	gain @ 50 Hz	_	(0 ÷ 12) dB	(0 ÷ 12) dB	(0 ÷ 12) dB
Subwoofer level control		(-20 ÷ 6) dB	Yes	Yes	Yes	Yes
	Bypass		_	-	Yes	-
Pre-Out	Hi-Pass		_	-	-	50 ÷ 250 Hz @ 12 dB/Oct.
	Lo-Pass		_	-	-	_
Distortion - THD	100 Hz @ 4Ω	%	<0,06	<0.05	<0,06	<0.02 (@100 Hz @ 4Ω)
5/N Ratio	Sensitivity @ 1 V RMS	dBA	100	102	100	102
Damping factor	100 Hz @ 4Ω		130	166(A-B Out) 300(SUB out)	130	500
C		mm	330 x 200 x 54	330 x 200 x 54	270 x 185 x 54	270 x 185 x 54
Size W x D x H		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

# **HIGH-POWER AMPLIFIERS**



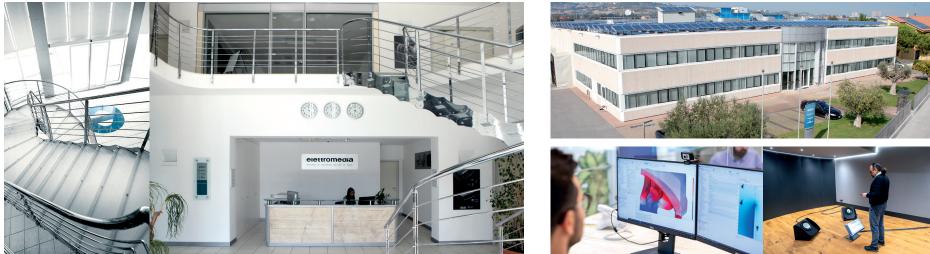






## VENEZIA COMPACT

AMP specification	S		<b>VENEZIA V5C / V5C 24V</b>	VENEZIA V4C
Channel Mode			5 - 3	4 - 3 - 2
	W x ch (6 ch)		-	110 x 4 (4Ω)
	W x ch (6 ch)		_	190 x 4 (2Ω)
	W x ch (5 ch)		80 x 4 (4Ω) + 330 x 1 (4Ω)	
	W x ch (5 ch)		115 x 4 (2Ω) + 550 x 1 (2Ω)	-
	W x ch (4 ch)		-	-
Output Power	W x ch (4 ch)		_	-
RMS) @ 14.4 VDC	W x ch (3 ch)		230 × 2 (4Ω) + 330 × 1 (4Ω)	110 W × 2 (4Ω) + 380 W × 1 (4Ω)
	W x ch (3 ch)		230 × 2 (4Ω) + 550 × 1 (2Ω)	190 x 2 (2Ω) + 380 x 1 (4Ω)
	W x ch (2 ch)		-	380 W × 2 (4Ω)
	W x ch (mono)		-	-
	W x ch (mono)		-	-
	W x ch (mono)		-	-
	Bypass		yes	yes
Filters	Hi-Pass	Hz @ dB/Oct.	A: 50 ÷ 500 / 500 ÷ 5k @ 12 - B: 50 ÷ 500 @ 12	A/B: 50 ÷ 4k @ 12
	Band-Pass	Hz @ dB/Oct.	B: 50 ÷ 500 / 500 ÷ 5k @ 12	-
	Lo-Pass	Hz @ dB/Oct.	C: 50 ÷ 500 @ 24	A/B: 50 ÷ 4k @ 12
Subsonic	dB	Hz @ dB/Oct.	25 @ 24dB	-
Bass Boost	dB	gain @ 50 Hz	(0 ÷ 12) dB	(0 ÷ 12) dB
Subwoofer level control		(-20 ÷ 6) dB	Yes	Yes
	Bypass		-	Yes
Pre-Out	Hi-Pass		-	-
	Lo-Pass		-	-
Distortion - THD	100 Hz @ 4Ω	%	<0.02	<0.05
5/N Ratio	Sensitivity @ 1 V RMS	dBA	105	100
Damping factor	100 Hz @ 4Ω		100(A-B Out) 300(SUB out)	200
		mm	270 x 185 x 54	205 x 155 x 47
Size W x D x H		in.	10.62 x 7.28 x 2.12	8.07 x 6.1 x 1.85



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