HERTZ PRODUCTS DESIGN ORIGINATES FROM THE UNIQUE ITALIAN MARINE LIFE-STYLE

The Conero Riviera, Marche, Italy - just 10 miles away from Hertz Headquarters
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.
MAKE EVERY CRUISE MEMORABLE WITH HERTZ MARINE
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.
POWER FOR THE WAVES
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.

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

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.

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.
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.

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.

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

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.

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.
HMR 50

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

UNPARALLELED 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

- 200W MOSFET POWER 50 W X 4
- DIGITAL MEDIA RECEIVER
- 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.
- Just push the dedicated button to play your source at the same volume in the whole vessel, transforming your boat into a dance floor.
- Multicolor backlight for a perfect match with cookpit lighting.
- 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.
- Voltage indicator to check-up battery status.
- The large 3.5” full color TFT IPS display remains visible even during daytime navigation and is dimmable for a comfortable nighttime vision.
- HMR 50 features 3 pairs of stereo outputs providing the ability to create 3 independently controlled listening areas (FLYBRIDGE, AFT DECK, CABIN) to obtain the perfect sound everywhere.
- The large 3.5” full color TFT IPS display remains visible even during daytime navigation and is dimmable for a comfortable nighttime vision.
- 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.
- Voltage indicator to check-up battery status.
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.
HMR 20

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

HMR 20 turns 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.

\CONNECTIVITY

**USB 2.0**  | **SUB WOOFER OUT**  | **AUX-IN**  | **5.0 Bluetooth**

**AM/FM RADIO**  | **6 PRE OUT**  | **DAB+**  | **READY**

\KEY FEATURES

**MULTI COLOR**
Multicolor backlight for a perfect match with cockpit lighting.

**BATTERY VOLTAGE GAUGE**
Voltage indicator to check-up battery status.

**3” IPS DISPLAY**
The large 3” full color TFT IPS display remains visible even during daytime navigation and is dimmable for a comfortable nighttime vision.

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

**5 PRESET EQ**
Customize the sound with 5 EQ preset created by Hertz audio engineer.
**200W**
MOSFET POWER
50 W X 4

**SOURCE UNIT**

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**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.

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**CONNECTIVITY**

- USB 2.0
- SUB WOOFER OUT
- AUX-IN 5.0 Bluetooth
- AM/FM RADIO
- 6 PRE OUT

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**KEY FEATURES**

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

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**Accessory**

**HMC U1**
Optional Remote Control

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**POWER FOR THE WAVES**

**PURE MARINE**

Certified Product

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**HMR 15 D**
**HMR 15**
200W
MOSFET POWER
50 W X 4

SOURCE UNIT

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

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

- USB 2.0
- AUX-IN
- Bluetooth
- AM/FM Radio
- 4 PRE OUT
- DAB+

HMR 10 D / HMR 10

HMR 10 D
HMR 10

KEY FEATURES

- 3 PRESET EQ

Accessory

HMC U1
Optional Remote Control

Technical Info
**HMR BT**

**KEY FEATURES**

**CONNECTIVITY**

HMR BT features Bluetooth® v5.0 and Qualcomm® aptX™ 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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* Qualcomm aptX is a product of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. aptX is a trademark of Qualcomm Technologies International, Ltd., registered in the United States and other countries. Use of such marks by Hertz audio is under license.
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!

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 3 configurable listening zones, regardless of the speakers location and the passenger position, maximizing the listening experience.

“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.
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 8x160W RMS @4Ω or dedicate two mono VENEZIA V1 2400 RMS (1Ω 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.
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.
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 part of performance from the installed speaker system. The amazing power of 8 x 85 W or 4 x 260 W (RMS@ 4Ω) 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.

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.
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.

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.
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.

SPORT GRILLES ARE THE PERFECT MATCH FOR ANY BOATS.

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

HM RGB 1 BK
Optional Rgb
Remote Control
PAINTABLE SPORT GRILLES
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.
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.

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.

THE SPORT GRILLE OPTION IS THE RIGHT CHOICE TO IMPRESS YOUR FRIENDS WITH A DISTINCTIVE LOOK!
Q-OS² QUICK RELEASE TECHNOLOGY
Quick Mechanical/Electrical release for security/anti-theft and cleaning;
- Clamp structure 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. Optional fitting accessories available for major OEM brands.

Q-OS² QUICK ORIENTATION TECHNOLOGY
This innovative design encompasses all the requirements for tower clamping such as:
- Durability thanks to the solid 316 Stainless Steel construction;
- Tower can be quickly oriented within 18 steps (20° each) along horizontal axis for best sound projection and diffusion over the listening area.

ADJUSTABLE LOGO
“Adjustable logo” allows for several tower positioning without affecting the correct Hertz logo orientation. Front and rear logo can be oriented within 64 steps.
HTX 8 M-CL-TW.2
Rgb Leds Marine Tower Coax 8” Clamp Total White

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

200W
POWER
HANDLING

HTX 8 M-CL-TC.2
Rgb Leds Marine Tower Coax 8” Clamp Total Black

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

200W
POWER
HANDLING

HTX 8 S-CL-SW
Rgb Leds Marine Tower Coax 8” Clamp Sport Silver-White

HTX 8 S-FL-SW
Rgb Leds Marine Tower Coax 8” Flat Sport Silver-White

200W
POWER
HANDLING

HTX 8 S-CL-G
Rgb Leds Marine Tower Coax 8” Clamp Sport Gray

HTX 8 S-FL-G
Rgb Leds Marine Tower Coax 8” Flat Sport Gray
The optional rear Hertz led logo creates the same sophisticated atmosphere of front led, adding tons of class to your vessel.
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 solid-state tweeter protection circuit.
- Nickel-plated corrosion resistant terminals.
LED LIGHTING

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

HM RGB 1 BK
Optional RGB Remote Control

CLASSIC
MARINE
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.

HEX 6.5 M-TW
6.5" Marine Coax
Total White
100W POWER HANDLING

HEX 6.5 M-TC
6.5" Marine Coax
Total Black
100W POWER HANDLING

HEX 6.5 C-W
6.5" Marine Coax
Classic
100W POWER HANDLING

HEX 6.5 S-LD-G
Rgb Leds 6.5" Marine Coax Sport
100W POWER HANDLING
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-B1117 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 6.0 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.

HEX IN-CEILING

70v/100v line transformer with easily accessible tapping switch including bypass mode.

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
HIGH-PERFORMANCE SUBWOOFER

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.

HM RGB 1 BK
Optional Rgb Remote Control

Accessory
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.
HMS 10 B
10" Marine Subwoofer White
HMS 10 B-2
2 Ω 10" Marine Subwoofer White

HMS 12 B4-LD-W
Rgb Leds 12" Marine Subwoofer White
HMS 12 B2-LD-W
Rgb Leds 2 Ω 12" Marine Subwoofer White

HMS 12 B4-LD-C
Rgb Leds 12" Marine Subwoofer Black
HMS 12 B2-LD-C
Rgb Leds 2 Ω 12" Marine Subwoofer Black

HMS 10 S-LD-G
Rgb Leds 10" Sport Marine Subwoofer Gray
HMS 10 S2-LD-G
Rgb Leds 2 Ω 10" Sport Marine Subwoofer Gray

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

HMS 10 S4-LD-SW
Rgb Leds 12" Sport Marine Subwoofer Silver-White
HMS 12 S4-LD-SW
Rgb Leds 2 Ω 12" Sport Marine Subwoofer Silver-White

HMS 10 S4-LD-G
Rgb Leds 12" Sport Marine Subwoofer Gray
HMS 12 S4-LD-G
Rgb Leds 2 Ω 12" Sport Marine Subwoofer Gray

HMS 10 B
1000W
Power Handling
HMS 10 B-2
500W
Power Handling
HMS 10 B
1000W
Power Handling
HMS 10 B-2
500W
Power Handling

HMS 10 S-LD-G
1000W
Power Handling
HMS 10 S2-LD-G
500W
Power Handling
HMS 10 S-LD-SW
1000W
Power Handling
HMS 10 S2-LD-SW
500W
Power Handling
AMPLIFIER

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.

KEY FEATURES

 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 speaker per channel or to use bridged channels to drive a subwoofer.

SUPERIOR POWER FOR HI-END PERFORMANCE

HI-RES AMPLIFIERS

VENEZIA

POWER FOR THE WAVES

PURE MARINE CERTIFIED PRODUCT

technical info

36
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.

DESIGN TO LAST
The conformal coated PCBs provides superior protection against corrosion agents.
**BUILT-IN CROSSED 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.
A COMPLETE PRODUCT RANGE TO SATISFY EVERY NEED

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.

1740W RMS POWER
VENEZIA V6
D-Class Six Channels Marine Amplifier

1260W RMS POWER
VENEZIA V1
D-Class 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

1010W RMS POWER
VENEZIA V5C
D-Class Five Channels Marine Amplifier

760W RMS POWER
VENEZIA V4C
D-Class Four Channels Marine Amplifier

1640W RMS POWER
VENEZIA V6 24V
D-Class 24V Six Channels Marine Amplifier

1160W RMS POWER
VENEZIA V4 24V
D-Class 24V Mono Marine Amplifier

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

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

VENEZIA V5 24V
D-Class 24V Five Channels Marine Amplifier

VENEZIA V1 24V
D-Class 24V Mono Marine Amplifier
HMP COMPACT AMPLIFIERS

The compact HMP amplifiers with an extruded aluminum IP64 chassis, are the ideal choice for adding multi-zone audio to your boat. Class-D technology maximizes efficiency ensuring an incredible power to size ratio and low battery drain. The complete integrated crossover and the bridge operation mode improve versatility to satisfy every installation need.

HMP amplifiers can drive up to two coaxial speaker per channel or to use bridged channels to drive a subwoofer.

\ KEY FEATURES

- Hertz Pure Marine Certified Product stamp.
- HRC BM (Hertz Remote Control Bass Management) included.
- Bass Boost adjustable via selector, for more punch from speakers.
- Complete crossover filters allowing for easy setup and system flexibility.
- Hi-Level and lo-level inputs to be compatible with any source.
- Special balanced input circuitry to reject electro-magnetic disturbances.
- Short-circuit and thermal protections with auto resetting.

![HMP 1D](image1.png)

**HMP 1D**
D-Class Mono Marine Amplifier

![HMP 4D](image2.png)

**HMP 4D**
D-Class Four Channels Marine Amplifier

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300W RMS POWER

AMPLIFIER

[Hertz Logo]

Hertz Pure Marine Certified Product stamp.
HRC BM
Hertz Remote Control Bass Management
Included for HMP 1D
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 W01 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

\ DOWNLOAD HERTZ APP
HERTZ MARINE ACCESSORIES

HMC D1 REMOTE CONTROL
HMC D1 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
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 anywhere on the boat.
Optional for HMR 50, HMR 20, HMR 10 D, HMR 10, HMR 15, HMR 15 D, HMR BT

HM RGB 1 BK WIRELESS RGB REMOTE CONTROL
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 tempo lighting games activation.
Optional for speakers with RGB leds option (LD)

HMB DAB+
This module adds DAB+ DIGITAL RADIO capability to Hertz Marine Source.
Provided with dedicated antenna.
Optional for HMR 20

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

HMA NT ANTENNA
Dipole hideaway cable
Optional for HMR 50, HMR 20, HMR 15, HMR 15 D, HMR 10, HMR 10 D

HMA USB AUX IN
Extension cable water proof 2 mt.
Optional for HMR 50, HMR 20, HMR 10 D, HMR 10, HMR 15, HMR 15 D

HMA C3.5Y
3.5 jack y cable.
Optional for HMR 50, HMR 20, HMR 10 D, HMR 10, HMR 15, HMR 15 D, HMR BT

HMA C3.5
3.5 jack extension cable 10 mt.
Optional for HMR 50, HMR 20, HMR 10 D, HMR 10, HMR 15, HMR 15 D, HMR BT

HMA C1306
13 pin remote controller extension cable 6 mt.
Optional for HMR 50

HMA C13Y
13 pin y cable.
Optional for HMR 50

COVER HMR 15
Optional for HMR 15/ HMR 15D
## TECHNICAL SPECIFICATIONS

### MARINE GRADE SOURCE UNITS

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th>HMR 50</th>
<th>HMR 20</th>
<th>HMR 15 - HMR 15 D</th>
<th>HMR 10 - HMR 10 D</th>
<th>HMR BT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DISPLAY</strong></td>
<td>3.5&quot; COLOR TFT IPS</td>
<td>3&quot; COLOR TFT IPS</td>
<td>2.8&quot; DOT Matrix display</td>
<td>2.8&quot; DOT Matrix display</td>
<td>-</td>
</tr>
<tr>
<td><strong>PEAK POWER @ 4 Ω</strong></td>
<td>4 x 50 W</td>
<td>4 x 50 W</td>
<td>4 x 50 W</td>
<td>4 x 50 W</td>
<td>-</td>
</tr>
<tr>
<td><strong>FRONT PANEL IP RATING</strong></td>
<td>IP66</td>
<td>IP66</td>
<td>IP66</td>
<td>IP66</td>
<td>IP67</td>
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<tr>
<td><strong>MULTI-ZONE</strong></td>
<td>3</td>
<td>2</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>LINE OUT (RCA)</strong></td>
<td>3 x L+R (one per zone) (HPF: ALL, 60, 80, 100 Hz on ZONE1 only)</td>
<td>2 x L+R (one per zone)</td>
<td>2 x L+R (Front and Rear)</td>
<td>2 x L+R (Front and Rear)</td>
<td>1 x Stereo RCAs</td>
</tr>
<tr>
<td><strong>SUBWOOFER OUT (RCA)</strong></td>
<td>1 x L+R (LPF: ALL, 60, 80, 100 Hz)</td>
<td>1 x L+R [LPF: 80, 120, 160 Hz]</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>AUX INPUT (RCA)</strong></td>
<td>1 x L+R</td>
<td>1 x L+R</td>
<td>1 x L+R</td>
<td>1 x L+R</td>
<td>-</td>
</tr>
<tr>
<td><strong>EQUALIZER</strong></td>
<td>CUSTOM BANDS for each zone</td>
<td>BASS-TREBLE for each zone</td>
<td>BASS-TREBLE</td>
<td>BASS-TREBLE</td>
<td>-</td>
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<tr>
<td><strong>EQ. PRESET</strong></td>
<td>5</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>-</td>
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<tr>
<td><strong>CAMERA IN</strong></td>
<td>Yes</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td><strong>BATTERY VOLTAGE GAUGE</strong></td>
<td>Yes</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td><strong>SOURCES</strong></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td><strong>USB</strong></td>
<td>Yes (2A)</td>
<td>Yes (2A)</td>
<td>Yes (1A)</td>
<td>Yes (1A)</td>
<td>-</td>
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<tr>
<td><strong>IPOD/IPHONE</strong></td>
<td>Yes</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td><strong>DAB+</strong></td>
<td>-</td>
<td>Ready</td>
<td>Only HMR 15 D</td>
<td>Only HMR 10 D</td>
<td>-</td>
</tr>
<tr>
<td><strong>SIRIUSXM READY</strong></td>
<td>Yes</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td><strong>BLUETOOTH</strong></td>
<td>5.0</td>
<td>5.0</td>
<td>5.0</td>
<td>3.1</td>
<td>5.0</td>
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<tr>
<td><strong>REMOTE CONTROL</strong></td>
<td>HMC D1 (up to 3)</td>
<td>HMC U1 (up to 3)</td>
<td>HMC U1 (up to 3)</td>
<td>HMC U1 (up to 3)</td>
<td>HMC U1 (up to 3)</td>
</tr>
<tr>
<td><strong>SIZE &amp; MOUNTING</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Unit Size mm (in.)</strong></td>
<td>W 146 (5.748) x H 105 (4.134) x D 121 (4.763)</td>
<td>W 146 (5.748) x H 105 (4.134) x D 121 (4.763)</td>
<td>W 126 (4.960) x H 114 (4.488) x D 96.5 (3.799)</td>
<td>Ø 113 (4.45) x D 96.5 (3.799)</td>
<td>Ø 73.2 (2.9) H63.7 (2.5)</td>
</tr>
<tr>
<td><strong>Mounting Hole size mm (in.)</strong></td>
<td>W 122 (4.8) x H 52 (2.05)</td>
<td>W 122 (4.8) x H 52 (2.05)</td>
<td>Ø 89.5 (3.52)</td>
<td>Ø 89.5 (3.52)</td>
<td>Ø 45 (1.77)</td>
</tr>
<tr>
<td><strong>Mounting Depth mm (in.)</strong></td>
<td>99 (3.89)</td>
<td>99 (3.89)</td>
<td>72 (2.83)</td>
<td>72 (2.83)</td>
<td>39.1 (1.54)</td>
</tr>
</tbody>
</table>
**TECHNICAL SPECIFICATIONS**

**HIGH-PERFORMANCE SPEAKERS**

**HEX SERIES**

<table>
<thead>
<tr>
<th></th>
<th>HEX 6.5 (TW/TC/G/SW)</th>
<th>HEX 8 (TW/TC/G/SW)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size</strong> mm (in.)</td>
<td>165 (6.5)</td>
<td>200 (8)</td>
</tr>
<tr>
<td>Woofer</td>
<td>36 (1.4)</td>
<td>36 (1.4)</td>
</tr>
<tr>
<td>Tweeter</td>
<td>24 (0.9)</td>
<td>24 (0.9)</td>
</tr>
<tr>
<td>Mounting</td>
<td>69 (2.7)</td>
<td>91 (3.58)</td>
</tr>
<tr>
<td>Power Hand. W</td>
<td>150</td>
<td>200</td>
</tr>
<tr>
<td>Peak</td>
<td>75</td>
<td>100</td>
</tr>
<tr>
<td>Continuous</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Imp.Ω</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Freq. Resp.Hz</td>
<td>50 - 25 K</td>
<td>45 - 25 K</td>
</tr>
<tr>
<td>Sens. dB/SPL</td>
<td>89</td>
<td>91</td>
</tr>
<tr>
<td>Magnet WF/TW</td>
<td>High density flux ferrite / Neodymium</td>
<td>High density flux ferrite / Neodymium</td>
</tr>
<tr>
<td>Woofer Cone / Tweeter Dome</td>
<td>Polypropylene / PEI</td>
<td>Polypropylene / PEI</td>
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</tbody>
</table>

**COAX specifications**

<table>
<thead>
<tr>
<th></th>
<th>HMX 6.5 (TW/TC/G/SW)</th>
<th>HMX 8 (TW/TC/G/SW)</th>
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</thead>
<tbody>
<tr>
<td><strong>Size</strong> mm (in.)</td>
<td>165 (6.5)</td>
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</tr>
<tr>
<td>Tweeter</td>
<td>24 (0.9)</td>
<td>24 (0.9)</td>
</tr>
<tr>
<td>Mounting</td>
<td>61.7 (2.43)</td>
<td>91 (3.58)</td>
</tr>
<tr>
<td>Power Hand. W</td>
<td>150</td>
<td>200</td>
</tr>
<tr>
<td>Peak</td>
<td>75</td>
<td>100</td>
</tr>
<tr>
<td>Continuous</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Imp.Ω</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Freq. Resp.Hz</td>
<td>50 - 25 K</td>
<td>45 - 25 K</td>
</tr>
<tr>
<td>Sens. dB/SPL</td>
<td>89</td>
<td>91</td>
</tr>
<tr>
<td>Magnet WF/TW</td>
<td>High density flux ferrite / Neodymium</td>
<td>High density flux ferrite / Neodymium</td>
</tr>
<tr>
<td>Woofer Cone / Tweeter Dome</td>
<td>Polypropylene / PEI</td>
<td>Polypropylene / PEI</td>
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**HMX SERIES**

<table>
<thead>
<tr>
<th></th>
<th>HMX 6.5 (TW/TC/G/SW)</th>
<th>HMX 6.5 (C-W/IC-W/IC-W-T)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size</strong> mm (in.)</td>
<td>165 (6.5)</td>
<td>165 (6.5)</td>
</tr>
<tr>
<td>Woofer</td>
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<td>36 (1.4)</td>
</tr>
<tr>
<td>Tweeter</td>
<td>24 (0.9)</td>
<td>24 (0.9)</td>
</tr>
<tr>
<td>Mounting</td>
<td>61.7 (2.43)</td>
<td>61.5 (2.42)</td>
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<tr>
<td>Power Hand. W</td>
<td>150</td>
<td>100</td>
</tr>
<tr>
<td>Peak</td>
<td>75</td>
<td>100</td>
</tr>
<tr>
<td>Continuous</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Imp.Ω</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Freq. Resp.Hz</td>
<td>50 - 25 K</td>
<td>50 - 23 K</td>
</tr>
<tr>
<td>Sens. dB/SPL</td>
<td>89</td>
<td>88</td>
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<tr>
<td>Magnet WF/TW</td>
<td>High density flux ferrite / Neodymium</td>
<td>High density flux ferrite / Neodymium</td>
</tr>
<tr>
<td>Woofer Cone / Tweeter Dome</td>
<td>Polypropylene / PEI</td>
<td>Polypropylene / PEI</td>
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</table>
## TECHNICAL SPECIFICATIONS

### PREMIUM CLASS TOWER

#### HTX SERIES

<table>
<thead>
<tr>
<th>Specifications</th>
<th>HTX 8 M/S-CL (TW/TC/SW/G)</th>
<th>HTX 8 M/S-FL (TW/TC/SW/G)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Woofer</strong></td>
<td>200 [8]</td>
<td>200 [8]</td>
</tr>
<tr>
<td><strong>Tweeter</strong></td>
<td>36 [1.4]</td>
<td>36 [1.4]</td>
</tr>
<tr>
<td><strong>Power Hand. W</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peak</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>Continuous</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td><strong>Imp.</strong></td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td><strong>Freq. Resp. Hz</strong></td>
<td>45 - 25 K</td>
<td>45 - 25 K</td>
</tr>
<tr>
<td><strong>Sens. dB/SPL</strong></td>
<td>91</td>
<td>91</td>
</tr>
<tr>
<td><strong>Magnet WF/TW</strong></td>
<td>High density flux ferrite / Neodymium</td>
<td>High density flux ferrite / Neodymium</td>
</tr>
<tr>
<td><strong>Woofer Cone / Tweeter Dome</strong></td>
<td>Polypropylene with UV inhibitors / PEI</td>
<td>Polypropylene with UV inhibitors / PEI</td>
</tr>
</tbody>
</table>

### MARINE SUBWOOFERS

#### HMS SERIES

<table>
<thead>
<tr>
<th>Specifications</th>
<th>HMS 10 B2/4-LD (W / C / SW / G)</th>
<th>HMS 12 B2/4-LD (W / C / SW / G)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size mm (in.)</strong></td>
<td>250 [10]</td>
<td>300 [12]</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>145 [5.71]</td>
<td>145 [5.71]</td>
</tr>
<tr>
<td><strong>Power Hand. W</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peak</td>
<td>1500</td>
<td>1500</td>
</tr>
<tr>
<td>Continuous</td>
<td>750</td>
<td>750</td>
</tr>
<tr>
<td><strong>Sens. dB/SPL</strong></td>
<td>88 [88,5 C2]</td>
<td>89.5 [dB/2,83V/m.] [2ohm 89.5 [dB/2V/m.]</td>
</tr>
<tr>
<td><strong>Application</strong></td>
<td>Infinite baffle</td>
<td>Infinite baffle</td>
</tr>
<tr>
<td><strong>Magnet</strong></td>
<td>High density flux ferrite</td>
<td>High density flux ferrite</td>
</tr>
<tr>
<td><strong>Cone</strong></td>
<td>Polypropylene with UV inhibitors</td>
<td>Polypropylene with UV inhibitors</td>
</tr>
</tbody>
</table>
TECHNICAL SPECIFICATIONS

DIGITAL SIGNAL PROCESSOR

S8 DSP

specifications

POWER SUPPLY

Nominal Power supply voltage / fuse: 7 - 20 VDC / 1A
Pulse operating voltage: 5 - 24 VDC
Idling current: 0.34 A
OFF current (ART™ OFF): <100 µA
OFF current (ART™ 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 output (selectable): 1.5 - 7 VDC

POWER SUPPLY

SIGNAL STAGE

Resolution: 24bit
Sampling Rate: 96 kHz
Distortion - THD @ 1 kHz, 1 VRMS Output: 0.004 %
Bandwidth @ -3 dB: 10 Hz - 40 kHz
S/N ratio @ A weighted, 4 V Output, 1 V Master Input: 100 dB
S/N ratio @ A weighted, 4 V Output, 1 V Digital IN Input: 112 dB
Channel Separation @ 1 kHz: 97 dB
Input sensitivity Pre-In: 0.8 - 6 VRMS
Input sensitivity Speaker-In: 2.5 - 21 VRMS
Input Impedance: 38 kΩ (Pre IN/AUX) + 7.0 (Speaker IN)
Max output Level 0.1%THD: 4 V

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 kHz (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 Bluetooth 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 requirements: 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
## TECHNICAL SPECIFICATIONS

### HIGH-POWER AMPLIFIERS

#### AMP specifications

<table>
<thead>
<tr>
<th>Channel Mode</th>
<th>@ 4Ω</th>
<th>@ 2Ω</th>
<th>@ 1Ω</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Power (RMS) @ 14.4 VDC / 28.8 VDC (HMD8 24V)</td>
<td>85 W x ch</td>
<td>130 W x ch</td>
<td>260 W x ch (4 ch) bridged</td>
</tr>
<tr>
<td>Distortion - THD</td>
<td>0.06%</td>
<td>0.06%</td>
<td>0.06%</td>
</tr>
<tr>
<td>S/N Ratio</td>
<td>101 dBA</td>
<td>105 dBA</td>
<td></td>
</tr>
<tr>
<td>Damping factor</td>
<td>&gt; 110</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>Size W x D x H</td>
<td>243 x 48 x 159 mm</td>
<td>243 x 48 x 159 mm</td>
<td></td>
</tr>
<tr>
<td>Weight (kg/lbs)</td>
<td>1.98 / 4.36</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### HMD1 - HMD1 24V

#### HMD8 DSP - HMD8 DSP 24V

<table>
<thead>
<tr>
<th>Channel Mode</th>
<th>@ 4Ω</th>
<th>@ 2Ω</th>
<th>@ 4Ω (4 ch) bridged</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Power (RMS) @ 14.4 VDC / 28.8 VDC (HMD8 24V)</td>
<td>85 W x ch</td>
<td>130 W x ch</td>
<td>260 W x ch</td>
</tr>
<tr>
<td>Distortion - THD</td>
<td>0.1%</td>
<td>0.1%</td>
<td>0.06%</td>
</tr>
<tr>
<td>S/N Ratio</td>
<td>101 dBA</td>
<td>105 dBA</td>
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</tr>
<tr>
<td>Damping factor</td>
<td>110</td>
<td></td>
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</tr>
<tr>
<td>Size W x D x H</td>
<td>243 x 48 x 159 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight (kg/lbs)</td>
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<td></td>
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</table>

#### DIGITAL SIGNAL PROCESSOR

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

### HIGH-POWER AMPLIFIERS

#### VENEZIA SERIES

<table>
<thead>
<tr>
<th>AMP specifications</th>
<th>VENEZIA V6 / V6 24U</th>
<th>VENEZIA V5</th>
<th>VENEZIA V4</th>
<th>VENEZIA V1 / V1 24U</th>
<th>VENEZIA VSC</th>
<th>VENEZIA V4C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Channel Mode</strong></td>
<td>6 - 5 - 4 - 3</td>
<td>5 - 3</td>
<td>4 - 3 - 2</td>
<td>1</td>
<td>5 - 3</td>
<td>4 - 3 - 2</td>
</tr>
<tr>
<td><strong>Output Power (RMS) @ 14.4 VDC</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W x ch (6 ch)</td>
<td>160 x 6 (4Ω)</td>
<td>160 x 4 [4Ω]</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>W x ch (5 ch)</td>
<td>290 x 4 (2Ω) + 580 x 1 (4Ω)</td>
<td>- 290 x 4 (2Ω)</td>
<td>-</td>
<td>- 880 x 4 (4Ω) + 330 x 1 (4Ω)</td>
<td>-</td>
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</tr>
<tr>
<td>W x ch (4 ch)</td>
<td>290 x 4 (2Ω) + 580 x 1 (4Ω)</td>
<td>-</td>
<td>- 440 x 2 (4Ω) + 500 x 1 (4Ω)</td>
<td>-</td>
<td>- 115 x 4 (2Ω) + 550 x 1 (4Ω)</td>
<td>-</td>
</tr>
<tr>
<td>W x ch (3 ch)</td>
<td>580 x 3 (4Ω)</td>
<td>- 440 x 2 (4Ω) + 500 x 1 (4Ω)</td>
<td>-</td>
<td>- 230 x 2 (4Ω) + 330 x 1 (4Ω)</td>
<td>-</td>
<td>- 190 x 2 (2Ω) + 380 x 1 (4Ω)</td>
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<tr>
<td>W x ch (2 ch)</td>
<td>-</td>
<td>- 580 x 2 (4Ω)</td>
<td>-</td>
<td>- 230 x 2 (4Ω) + 550 x 1 (4Ω)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>W x ch (mono)</td>
<td>-</td>
<td>-</td>
<td>- 700 x 1 (4Ω)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>W x ch (mono)</td>
<td>-</td>
<td>-</td>
<td>- 1260 x 1 (10Ω)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Filters</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bypass</strong></td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td><strong>Hi-Pass</strong> Hz @ dB/Oct.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A: 50 - 500 / 500 + 5k @ 12</td>
<td>-</td>
<td>-</td>
<td>- 700 x 1 (4Ω)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>B: 50 - 500 / 500 + 5k @ 12</td>
<td>-</td>
<td>-</td>
<td>- 1260 x 1 (10Ω)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Band-Pass Hz @ dB/Oct.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A: 50 - 500 / 500 + 5k @ 12</td>
<td>-</td>
<td>-</td>
<td>- 700 x 1 (4Ω)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>B: 50 - 500 / 500 + 5k @ 12</td>
<td>-</td>
<td>-</td>
<td>- 1260 x 1 (10Ω)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Lo-Pass</strong> Hz @ dB/Oct.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C: 50 - 500 @ 12</td>
<td>-</td>
<td>-</td>
<td>- 700 x 1 (4Ω)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>C: 50 - 500 @ 24</td>
<td>-</td>
<td>-</td>
<td>- 1260 x 1 (10Ω)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Subsonic</strong> dB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C: 50 - 500 @ 24</td>
<td>-</td>
<td>-</td>
<td>- 700 x 1 (4Ω)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>C: 50 - 500 @ 24</td>
<td>-</td>
<td>-</td>
<td>- 1260 x 1 (10Ω)</td>
<td>-</td>
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</tr>
<tr>
<td><strong>Bass Boost dB</strong></td>
<td>-</td>
<td>-</td>
<td>- 50 - 250 Hz @ 24 dB/Oct.</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>C: 50 - 500 @ 24</td>
<td>-</td>
<td>-</td>
<td>- 1260 x 1 (10Ω)</td>
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<td>-</td>
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</tr>
<tr>
<td><strong>Subwoofer level control</strong></td>
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<td></td>
<td></td>
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<tr>
<td>L (-20 + 6 dB)</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td><strong>Pre-Out</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Bypass</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Hi-Pass</td>
<td>-</td>
<td>-</td>
<td>- 50 - 250 Hz @ 12 dB/Oct.</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Lo-Pass</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Distortion - THD</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>100 Hz @ 4Ω %</td>
<td>&lt;0.06</td>
<td>&lt;0.05</td>
<td>&lt;0.06</td>
<td>&lt;0.02 @ 100 Hz @ 4Ω</td>
<td>&lt;0.02</td>
<td>&lt;0.05</td>
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<tr>
<td><strong>S/N Ratio</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>1 V RMS dB/A</td>
<td>100</td>
<td>102</td>
<td>100</td>
<td>102</td>
<td>105</td>
<td>100</td>
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<tr>
<td><strong>Damping factor</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>100 Hz @ 4Ω dB/A</td>
<td>130</td>
<td>166(A-B Out)</td>
<td>300(SUB out)</td>
<td>130</td>
<td>500</td>
<td>100(A-B Out)</td>
</tr>
<tr>
<td><strong>Size W x D x H</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>mm</td>
<td>330 x 200 x 54</td>
<td>330 x 200 x 54</td>
<td>270 x 185 x 54</td>
<td>270 x 185 x 54</td>
<td>270 x 185 x 54</td>
<td>270 x 185 x 54</td>
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<tr>
<td>in.</td>
<td>12.99 x 7.87 x 2.12</td>
<td>12.99 x 7.87 x 2.12</td>
<td>10.62 x 7.28 x 2.12</td>
<td>10.62 x 7.28 x 2.12</td>
<td>10.62 x 7.28 x 2.12</td>
<td>10.62 x 7.28 x 2.12</td>
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### HMP Series

<table>
<thead>
<tr>
<th>Specification</th>
<th>HMP 1D</th>
<th>HMP 4D</th>
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<tbody>
<tr>
<td><strong>AMP Specifications</strong></td>
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</tr>
<tr>
<td>Channel Mode</td>
<td>@ 40</td>
<td>4 • 3 • 2</td>
</tr>
<tr>
<td></td>
<td>@ 20</td>
<td>60 • 4</td>
</tr>
<tr>
<td>Output Power (RMS) @ 14.4 VDC</td>
<td>@ 40</td>
<td>60 x 2 + 150 x 1 (4Ω)</td>
</tr>
<tr>
<td></td>
<td>@ 20</td>
<td>75 x 2 + 150 x 1 (4Ω)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>150 x 2</td>
</tr>
<tr>
<td>Filters</td>
<td>Bypass</td>
<td>yes</td>
</tr>
<tr>
<td></td>
<td>Hi-Pass</td>
<td>65 / 85 / 115 @ 12</td>
</tr>
<tr>
<td></td>
<td>Lo-Pass</td>
<td>65 / 85 / 115 @ 12</td>
</tr>
<tr>
<td>Subsonic</td>
<td>Hi-Pass</td>
<td>off / 22 / 32 @ 12</td>
</tr>
<tr>
<td>Boost</td>
<td>dB</td>
<td>off / +6 / +9 dB</td>
</tr>
<tr>
<td>HRC BM (Hertz Remote Control Bass Management)</td>
<td>(-50 → 6) dB</td>
<td>Included</td>
</tr>
<tr>
<td>Distortion - THD</td>
<td>100 Hz @ 4Ω</td>
<td>0.1</td>
</tr>
<tr>
<td>S/N Ratio</td>
<td>Sensitivity @ 1 V RMS</td>
<td>95</td>
</tr>
<tr>
<td>Damping factor</td>
<td>1 kHz @ 4Ω</td>
<td>45</td>
</tr>
<tr>
<td>Size W x D x H</td>
<td>mm</td>
<td>223 x 100.5 x 43.6</td>
</tr>
<tr>
<td></td>
<td>in.</td>
<td>8.77 x 3.95 x 1.71</td>
</tr>
</tbody>
</table>
ELETTROMEDIA, EVOLUTION
OF TECHNOLOGY AND ART OF SOUND

FOUNDED IN 1987, ELETTROMEDIA IS NOWADAYS THE WORLD LEADER IN THE
MOBILE AND MARINE AUDIO MARKET FOR THE MANUFACTURING OF AMPLIFIERS,
LOUDSPEAKERS AND DIGITAL SOUND PROCESSOR.

LOUDSPEAKER DESIGN SUITE

In order to increase efficiency and accuracy in the design validation process, our R&D team developed four proprietary FEM applications within COMSOL® Multiphysics Modeling Software for simulating specific aspects of loudspeaker design: Lumped Parameters, Electromagnetic, Suspension and Vibroacoustic. This software includes a tailored graphical user interface which can realise unlimited virtual prototypes at the same time, and all within 5% of a physical prototype. Adopted daily by our engineers, this cutting-edge Design Suite optimises the lead-time from receipt of a customized project to supplying approved physical samples, so our customers can plan their own project development schedule with confidence.

Founded in Potenza Picena by a group of friends who shared the same passion for in-car high fidelity, throughout the past years Elettromedia has been walking the path of excellence: its products are distributed in more than 60 countries; the company has received many awards and acknowledgements from the most authoritative leaders within the car audio industry; it also boasts reviews of more than 4000 pages published in 30 different languages.

The Elettromedia brands are Audison, Hertz and Connection. Through a co-branding strategy, the company offers all of the components required for a complete, top-level audio system. In 2008, Elettromedia founded Lavoce Italiana a company specialized in loudspeaker design and production for the professional audio industry.

At our state-of-the art R&D center in Potenza Picena, Italy, our experienced and Ph.D. infused Research Department and R&D team are focused on innovation in every aspect, continuously looking to push the boundaries of sound quality, product reliability and consistency of electro-acoustic performance, whilst ensuring each and every product has that distinct cost-effective edge and design elegance synonymous with Elettromedia.