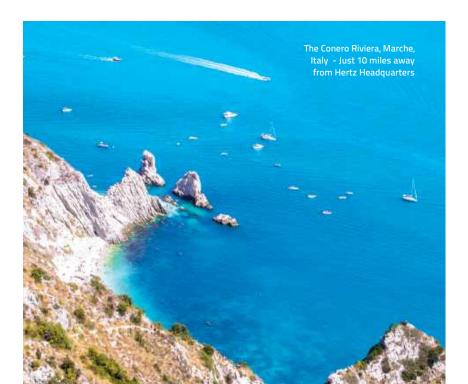


### **MERTZ**



# FROM ITALIAN CREATIVITY AND BEAUTY



# UNCOMPROMISING POWER UNFORGETTABLE SOUND

BRING THE EMOTION OF MUSIC TO LIFE ON EVERY JOURNEY. DELIVER AUDIO PERFORMANCE THAT WITHSTANDS THE ELEMENTS AND TURNS EVERY MOMENT ON BOARD INTO AN EXPERIENCE TO REMEMBER. OUR MISSION.



Hertz Marine systems are crafted to deliver exceptional sound quality in real-world marine conditions. Every aspect of the system is tuned to make your music come alive, cutting through engine noise, wind, and open-air acoustics to deliver a rich, immersive listening experience at sea.

With high-resolution audio certification, our electronics reproduce music with greater depth, clarity and emotional impact, raising the standard for onboard listening.



**HERTZ** 

# POWER FORWAVES THE WAVES PURE MARINE CERTIFIED PRODUCT

### **MERTZ**

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.

NERTZ

# HI-RES CERTIFIED SOUND, DESIGNED FOR MARINE



# THE NEXT AUDIO EXPERIENCE

HI-RES AUDIO CERTIFICATION BRINGS STUDIOGRADE
MUSIC ON BOARD WITH ENHANCED PERFORMANCE AND
FULL COMPATIBILITY WITH TOP STREAMING PLATFORMS.

HERTZ MARINE RAISES THE BAR IN MARINE AUDIO WITH OFFICIAL HIRES AUDIO CERTIFICATION GRANTED BY THE JAPAN AUDIO SOCIETY (JAS) THE GLOBAL REFERENCE STANDARD FOR HIGH-RESOLUTION PLAYBACK.



HERTZ





#### HI-RES STREAMING, EASY AND WIRELESS

Hi-Res playback is now easier than ever: just connect your smartphone and enjoy wireless access to millions of Hi-Res tracks. Hertz Marine certified source units are compatible with streaming platforms like TIDAL, Qobuz, Apple Music and Amazon Music HD.

Thanks to Bluetooth LDAC support and high-bandwidth digital inputs, sound quality is preserved across the entire signal chain no downsampling, no compromise.



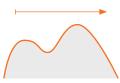




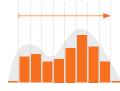
#### TRUE HIGH-RES AUDIO, NOW ON BOARD

High-fidelity listening is no longer limited to home setups or audiophile headphones: now it is available offshore, with a level of realism that delivers greater detail, wider frequency response, and richer harmonic texture.

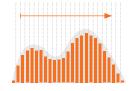
Hi-Res certified devices support playback up to 24-bit / 96 kHz, far beyond the limitations of compressed formats (MP3, AAC) or even standard CD-quality audio. The result is more natural, dynamic and spatial sound, noticeable even in challenging open-air environments.



Original analog recording



CD: 16 bit / 44.1 kHz



High-Resolution Audio (e.g. 24 bit / 96 kHz)

# **DSP TECHNOLOGY**ON BOARD



# CONTROL, POWER, PERFECTION

#### WHY DSP MATTERS IN MARINE AUDIO

IN A MARINE ENVIRONMENT, SOUND FACES UNIQUE CHALLENGES: WIND, REFLECTIONS, ENGINE NOISE, AND SHIFTING LAYOUT. DSP TECHNOLOGY ALLOWS FOR PRECISE TUNING AND STABILITY, ENSURING THAT EACH SPEAKER PERFORMS AT ITS BEST IN EVERY ZONE OF THE BOAT.

Digital Signal Processing means your sound stays clean, controlled, and dynamic - no matter the speed or the listening zone.



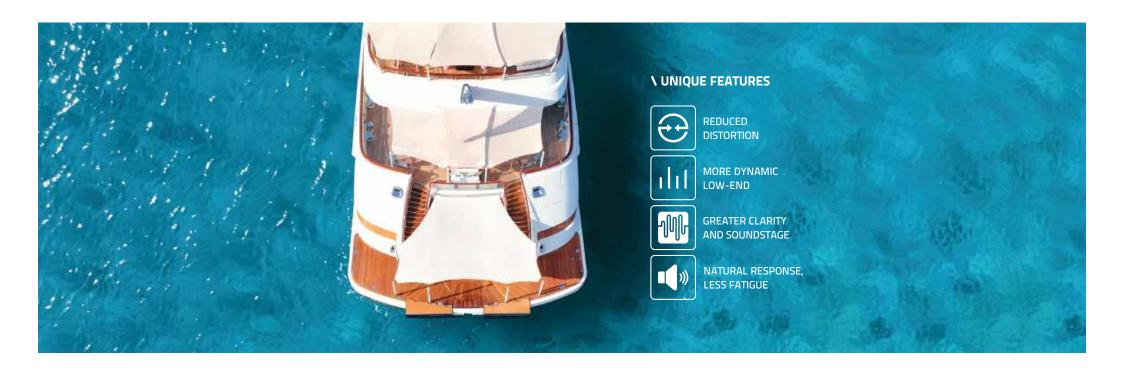


# THE INTELLIGENCE SOUND INSIDE

EVOCA simulates speaker behavior in real time using wave digital modelling, compensating for nonlinearities like voice coil motion, suspension stiffness, and other dynamic behaviors that affect real-world sound.

# YOUR SPEAKER KNOWS WHAT IT'S DOING, AND ADJUSTS BEFORE YOU HEAR THE FLAW.

Optimized speaker behaviour through DSP and EVOCA means reduced mechanical stress, controlled excursion, and lower distortion, all of which contribute to longer component lifespan and stable performance, season after season.





#### DIGITAL MEDIA RECEIVER



# ITALIAN SYMPHONY OF ELEGANCE AND HI-END AUDIO MASTERY

Immerse yourself in a symphony of sound with CAPRI, Hertz Marine's flagship audio source designed for those who seek excellence in marine audio performance.

Inspired by the elegance and allure of the renowned island, CAPRI combines cuttingedge technology with sophisticated design to deliver an unparalleled listening 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.



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



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



Voltage indicator to check-up battery status.



The 2-ohm stability allows you to correctly drive two pairs of speakers in parallel.



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















#### **\ CONNECTIVITY**

USB **2.0** 

12 PRE OUT

AM/FM RADIO

AUX-IN









made for iPHONE iPAD

4 SUB WOOFER OUT

WEATHER BAND

CAMERA INPUT

DIGITAL IN/OUT

SiriusXM READY

APP Google Flav
CONTROL App Store





### **CAPRI HBB**

#### THE ULTIMATE HIDDEN MARINE SOURCE

#### PREMIUM PERFORMANCE CONCEALED DESIGN

Designed for those who demand superior sound quality without compromising the sleek aesthetics of their vessel, the CAPRI HBB delivers high-resolution audio in a compact, discreet size.

#### **SEAMLESS INTEGRATION**

The CAPRI HBB seamlessly integrates into your boat's existing systems, providing full control via the Bluetooth Marine Control App or through NMEA 2000° compatibility. This allows for effortless management of your audio system from your helm's Multi-Function Display (MFD).















#### **\ KEY FEATURES**



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



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Voltage indicator to check-up battery status.



The 2-ohm stability allows you to correctly drive two pairs of speakers in parallel.













#### **\ CONNECTIVITY**

USB **2.0**  12 PRE OUT AM/FM RADIO 2 AUX-IN









HERTZ

made for iPHONE iPAD

4 SUB WOOFER OUT

WEATHER BAND CAMERA INPUT DIGITAL IN/OUT SiriusXM READY





# ULTIMATE CONTROL AT YOUR FINGERTIPS

Elevate your marine audio experience with the Marine Control App, the dedicated application designed to control all functions of the CAPRI and CAPRI HBB source units.

#### **HIGH-RESOLUTION STREAMING**

Enjoy the highest quality audio streaming with Hi-Res wireless certification, ensuring every detail of your music is crystal clear.





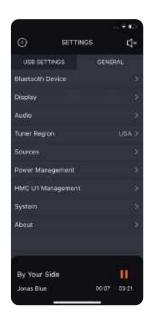


#### **STAY CONNECTED**

Whether you are hosting a lively gathering or enjoying a quiet sunset cruise, the app ensures that perfect sound is always at your fingertips.

Utilizing Bluetooth 5.1, the app ensures a stable and reliable connection, providing you with effortless control over your audio system.







#### Accessories for Capri line

**IP67** 



#### CAPRI HD1

Optional Remote Control

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



#### **HMC NMEA2K**

Optional Volume Control



Enhance your marine audio experience with the HMC NMEA2K Volume Control, designed for seamless integration with your NMEA 2000® network.

#### **Universal Accessory**



HMC U1
Optional Remote



The Hertz Marine HMC U1 controller provides the flexibility to manage the volume in a specific zone on board, allowing you to create the perfect sound atmosphere in every area of your boat. By assigning the controller to a particular zone via the source or the APP, you can easily adjust the volume, ensuring a customized audio experience for every need.

Control









# technical info

#### MFD INTERFACE

## HMB HTML5

#### SEAMLESS AUDIO CONTROL. ANYWHERE ON BOARD.

The HMB HTML5, External Box App is the ideal interface to bring full audio control to your existing marine display. Acting as a bridge between your Hertz Marine electronics and your chart plotter, it enables native HTML5-based control of all system function: volume, zones, DSP presets, sources, playback and more, without installing any app.

Just connect the HMB unit to your network and launch it via browser or compatible device: the responsive HTML5 interface is automatically scaled and ready for use on any touch display with web capability.

#### **\ KEY FEATURES**

- HTML5 web interface: no app or software required
- Plug & Play installation via Ethernet or Wi-Fi
- Responsive design: auto-adapts to 5", 7", 12" and larger displays
- Multi-zone control: manage volume, balance, EQ, DSP presets per zone
- Playback control: source selection, track skip, pause/play
- Designed for marine use: robust housing, IP-rated for harsh conditions
- Works with VENEZIA amplifiers, CAPRI source units and HMB-certified DSPs





# THE SMART BRIDGE BETWEEN YOUR AUDIO SYSTEM AND THE HELM

Whether you're cruising, anchored, or towing a wakeboarder, you can adjust your sound instantly from the helm, the flybridge, or even the cabin.

The HMB interface ensures full system visibility and responsiveness, for zone-by-zone audio tuning or instant source switching.



















## **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<sup>M</sup>, 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**

PARTY MODE 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 cockpit lighting.



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 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.





#### **\CONNECTIVITY**

**HFRT7** 

USB **2.0** 

iPHONE iPAD 8 PRE OUT

SUB

WOOFER OUT AM/FM RADIO

WEATHER BAND



CAMERA INPUT





SiriusXM READY

HMC D1 Optional Remote Control



HMC U1 Optional Remote Control

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

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.













# Accessory





#### 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.

#### **\ CONNECTIVITY**

USB **2.0**  6 PRE OUT







SUB WOOFER OUT





#### **\ KEY FEATURES**

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



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



Customize the sound with 4 EQ preset created by Hertz audio engineer.



Voltage indicator to check-up battery status.



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



















## 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**

USB 2.0 6 PRE OUT













#### **\ KEY FEATURES**







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











**HMR 18 D HMR 18**  200W
MOSFET POWER

50 W X 4

SOURCE UNIT









**HMC U1** 

Optional

Remote Control











#### 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**

USB **2.0** 











DIMMABLE

DISPLAY





#### **\ KEY FEATURES**

PRESET EQ

tomize the sound

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





**HMR 15 D** 

HMR 15



**SOURCE UNIT** 















HERTZ





#### 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™ 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.

<sup>\*</sup> The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Hertz audio is under license.

<sup>\*</sup> 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.



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













**MERT7** 

#### **DESIGN TO LAST**

The conformal coated PCBs provide 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.



# POWER FORWAVES PURE MARINE CERTIFIED PRODUCT





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

# VENEZIA V8 DSPX<sup>2</sup>

#### THE FLAGSHIP DSP AMPLIFIER, INTELIGENT AND POWERFUL

The VENEZIA V8 DSPx² sets a new benchmark in marine audio: 8 channels of high-efficiency Class D amplification, powered by dual-core DSP engine for real-time processing, with full control via bit Wave software and integrated EVOCA algorithm. Built to handle complex multizone systems and extreme marine conditions, this amplifier offers unmatched flexibility and performance — in a compact footprint.



#### THE INTELLIGENT CORE OF THE SYSTEM

The proprietary patented algorithm embedded in bit Wave, capable of digitally modeling real-world speaker behavior (non linearities, excursion, thermal dynamics). The result: lower distortion, tighter bass, more natural highs and enhanced durability over time.



#### SCALE WITH CONFIDENCE

The built-in A2B communication enables cascading up to 3 units through a single cable, expanding to 32 DSP channels with full synchronization. Ideal for luxury yachts, multi-zone systems, and OEM installations where space, speed, and signal integrity matter.

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













#### **\ KEY FEATURES**

24bit/96kHz DIGITAL INPUT 24bit/96kHz DSP PROCESSING

>88% EFFICIENCY 12 PRE INPUT 14 CH DSP 8 CH POWER AMP

bit Wave SOFTWARE

A2B BUS READY

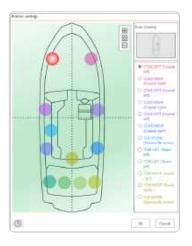


### bit Wave

# THE SUPERIOR PERFORMANCE OF DSP ON YOUR BOAT

PC software 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**

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.

#### **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.

HERTZ



#### **BUILT-IN CROSSOVER FILTERS**

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

#### PLUG AND PLAY CONNECTION

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

JFRT7



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

#### **\ KEY FEATURES**

- Engineered and tested for marine application (UV, salt-fog, vibrations, high/low temperature, thermal shock).
- 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.



1740W RMS POWER

**RMS POWER** 

**VENEZIA V6** 

D-Class Six Channels Marine Amplifier

**VENEZIA V6 24V** 

D-Class 24V Six Channels Marine Amplifier

**VENEZIA V5** 

D-Class Five Channels Marine Amplifier 1160\

RMS POWER

**1260W** 

**RMS POWER** 

**VENEZIA V1** 

D-Class Mono Marine Amplifier

**VENEZIA V1 24V** 

D-Class 24V Mono Marine Amplifier

VENEZIA V4

D-Class Four Channels Marine Amplifier

Accessory



HRC BM2 Subwoofer Remote Volume Control The optional HRC BM2 subwoofer volume control provides the ability to adapt the subwoofer level (-20 / + 6 dB) to any personal preference and favorite music genre. HRC BM2 features a bulletproof Molex connector.



# 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).



Venezia amplifiers can drive up to two coaxial speakers per 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.





HRC BM2 Subwoofer Remote Volume Control The optional HRC BM2 subwoofer volume control provides the ability to adapt the subwoofer level (-20 / + 6 dB) to any personal preference and favorite music genre. HRC BM2 features a bulletproof Molex connector.

HERTZ









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









#### 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 x 85 W or 4 x 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.





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**







6 PRE INPUT 9 CH DSP 8 CH POWER AMP





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**



HI POWER 1 OHM STABLE

DESIGNED FOR SUBWOOFER

POWER FOR HMD8 DSP 9th CH

3 INPUT LEVEL

#### 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.

NFRT7



### 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**



WIN/MAC SOFTWARE 6 PRE IN

















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















HERTZ

Configurator App crossovers

Configurator App channel gain

Master volume control App

Mute 🔲

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.



# POWER FOR WAVES PURE MARINE CERTIFIED PRODUCT











#### HIGH-PERFORMANCE SPEAKER

# Portosino

#### SUPERIOR SOUND, SEAMLESS DESIGN.

PORTOFINO speakers are engineered for luxury marine interiors, delivering uncompromising sound with minimal visual presence. The ultra-thin magnetic grille in anodized aluminum and flush-mount profile make PORTOFINO the ideal solution for architects and integrators seeking both discretion and high fidelity.

Built for long-term exposure in high-humidity, salt fog, and UV-intensive conditions, each component is selected and sealed to ensure lasting beauty and performance, season after season.

Elegance meets durability in every detail.

#### **\ KEY FEATURES**

- Pure Marine Certified Product: IP65, ASTM-D4329 (UV), ASTM-B117 (salt fog)
- Flush-mount installation with hidden hardware
- Magnetic ultra-flat grille in anodized marine aluminum
- Sealed back chamber with tuned acoustics
- 1" Tetolon dome tweeter for smooth, detailed highs
- Composite woofer cone with Santoprene™ surround
- Neodymium magnet with aramid spider and silicone-insulated leads



**MERT7** 

#### INVISIBLE DESIGN. AUDIBLE LUXURY.

The PORTOFINO line has been developed for discerning marine designers who demand more than just sound - they demand balance between acoustic precision and aesthetic control. Thanks to its architectural-grade integration, the PORTOFINO range blends into lounges, staterooms, sundecks and flybridges - wherever elegance meets acoustic performance.

FOR DESIGNERS, FOR INTEGRATORS, FOR DREAMERS OF SILENCE AND SOUND.



PORTOFINO's magnetic grille system not only allows for fast service access , it creates a floating, frameless look that complements any surface or material.

NFRT7







**PORTOFINO 65 XW** 6.5" Marine Coax Flush

6.5" Marine Coax Flus Mounting White



200W
POWER
HANDLING

PORTOFINO 77 XW 7.7" Marine Coax Flush Mounting White



500W POWER HANDLING

PORTOFINO 100 S2W 10" 2Ω Marine Subwoofer Flush Mounting White



500V POWER HANDLING

**PORTOFINO 100 S4W** 10" 4Ω Marine Subwoofer Flush Mounting White



# **HMX SPORT**

#### MADE TO BE HEARD. BUILT TO BE SEEN.

Designed for open-sea performance and unmistakable style, the new HMX SPORT Marine Coaxial Speakers raise the standard for all-weather sound on board. Built around a rugged yet refined design, they combine powerful marine-grade components with the bold look of a sport-style grille, available in multiple finishes.

From relaxing at anchor to cruising at speed, HMX SPORT delivers clear, dynamic sound with the kind of low-end presence that fills the open air, thanks in part to an updated crossover network and optimized acoustic tuning.

The UV-and salt-resistant ASA grilles, polypropylene cones, and Santoprene™ surrounds ensure every part resists the harshest elements while preserving musical integrity. With tone-on-tone customization options, HMX SPORT is ready to match any deck or style direction.

ENGINEERED TOUGH, PURE SOUND INSIDE, MARINE AUDIO, THE HERTZ WAY.

#### **\ 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.





















150W POWER HANDLING HMX 6.5 S-LD-G Rgb Leds 6.5" Marine Coax Sport Gray

200V POWER HANDLING HMX 7.7 S-LD-G Rgb Leds 7.7" Marine Coax Sport Gray

HMX 8 S-LD-G Rgb Leds 8.8" Marine Coax Sport Gray



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

200W
POWER
HANDLING

HMX 7.7 S-LD-SW Rgb Leds 7.7" Marine Coax Sport Silver-White

HMX 8 S-LD-SW Rgb Leds 8.8" Marine Coax Sport Silver-White





**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.





# POWER FORWAVES PURE MARINE CERTIFIED PRODUCT











#### HIGH-PERFORMANCE SPEAKER

## **HMX MARINE**

#### **ELEGANT BY DESIGN. MARINE-READY BY NATURE.**

With a timeless grille design and refined proportions, HMX MARINE coaxial speakers offer an ideal balance of elegance and endurance for life at sea.

Their fluid lines and classic styling make them a natural fit for yachts and premium deck areas, where design matters as much as sound.

Built on Hertz's Pure Marine Certified platform, HMX speakers feature polypropylene cones with co-molded Santoprene™ surrounds, a sealed motor structure, and Aramid fiber spiders for superior mechanical reliability — all designed to withstand humidity, UV exposure and salt fog.

Whether relaxing at anchor or underway at cruising speed, HMX MARINE delivers warm, balanced sound that complements any onboard environment.

A SPEAKER THAT PERFORMS AS BEAUTIFULLY AS IT LOOKS.

#### **\ 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.







150V POWER HANDLING HMX 6.5-LD-TW Rgb Leds 6.5" Marine

Coax Total White

POWER HANDLING

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

200M POWER HANDLING HMX 8-LD-TW Rgb Leds 8.8" Marine Coax Total White

200M POWER HANDLING HMX 8-LD-TC Rgb Leds 8.8" Marine Coax Total Black



HM RGB 1 BK Optional Rgb Remote Control LED LIGHTING
The built-in leds create a unique feeling on board to give the right atmosphere to your venues.





#### POWER FOR WAVES PURE MARINE CERTIFIED PRODUCT











#### 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!

**400W** 

POWER HANDLING



HTX 8H S-FL-SW Rgb Leds Marine Tower Horn 8.8" Flat Sport Silver-White



HTX 8H S-FL-G Rgb Leds Marine Tower Horn 8.8" 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** 

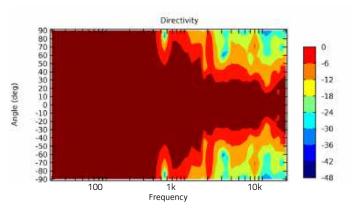
TRADITIONAL MOTOR

#### **\ 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.



Whether you're cruising at low speeds or racing across the water, these speakers provide rich bass, vibrant midrange, and crystal-clear highs, allowing you to experience your music the way it was meant to be heard.



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.





#### POWER FOR WAVES PURE MARINE CERTIFIED PRODUCT











#### 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!

200W
POWER
HANDLING



HTX 8 M-FL-TW Rgb Leds Marine Tower Coax 8.8" Flat Total White



HTX 8 M-FL-TC Rgb Leds Marine Tower Coax 8.8" 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.

(HERTIZ)

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



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





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.





# POWER FOR WAVES PURE MARINE CERTIFIED PRODUCT











#### 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.

HERTZ







#### 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 HEX 6.5 M-C-0 6.5" Marine Coax Black



POWER HANDLING

HEX 6.5 C-W 6.5" Marine Coax Classic



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



100W Rgb Leds 6.5" Marine Coax Sport



#### 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.

# POWER FORWAVES PURE MARINE CERTIFIED PRODUCT



**IP65** 







#### **\ 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.





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



# RGB MULTICOLOR



#### POWER FOR WAVES PURE MARINE CERTIFIED PRODUCT











## **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.



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.











1000W POWER HANDLING

**HMS 12 S4-LD-SW** 

Rgb Leds 12" Sport Marine Subwoofer Silver-White

**HMS 12 S2-LD-SW** 

Rgb Leds 2 Ω 12" Sport Marine Subwoofer Silver-White

1000W POWER HANDLING

**HMS 12 S4-LD-G** Rgb Leds 12" Sport

Marine Subwoofer Gray

**HMS 12 S2-LD-G** 

Rgb Leds 2 Ω 12" Sport Marine Subwoofer Gray

1000W POWER HANDLING

**HMS 12 B4-LD-W** 

Rgb Leds 12" Marine Subwoofer White

**HMS 12 B2-LD-W** 

Rgb Leds 2 Ω 12" Marine Subwoofer White

Subwoofer Black **HMS 12 B2-LD-C** 

**HMS 12 B4-LD-C** 

Rgb Leds 12" Marine

Rgb Leds 2 Ω 12" Marine Subwoofer Black

**600W POWER HANDLING** 

**HMS 10 S4-LD-SW.1** 

Rgb Leds 10" Sport Marine Subwoofer Silver-White

**HMS 10 S2-LD-SW.1** 

Rgb Leds 2 Ω 10" Sport Marine Subwoofer Silver-White

**600W** POWER **HANDLING** 

HMS 10 S4-LD-G.1

Rgb Leds 10" Sport Marine Subwoofer Gray

HMS 10 S2-LD-G.1

Rgb Leds 2 Ω 10" Sport Marine Subwoofer Gray

**600W** 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

**600W POWER** HANDLING

POWER HANDLING

1000W

**HMS 10 B4-LD-C** Rgb 10" Marine

Subwoofer Black

**HMS 10 B2-LD-C** 

Rgb Leds 2 Ω 10" Marine Subwoofer Black















#### 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**



















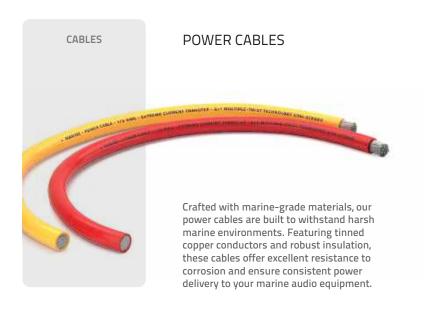
# connection cables marine

SUPERIOR PERFORMANCE ADAPTABILITY AND DURABILITY FOR YOUR ADVENTURE

Upgrade your marine audio system with Hertz Marine's premium cable line, designed to deliver top-notch performance and durability on the water.

Our collection includes power cables, speaker cables, and RCA audio signal cables, each engineered to ensure the highest quality sound and reliability.

**HERTZ** 





15 m **MPC RD 4.0** 

Marine Power Cable Red 50 m

Marine Power Cable Red

Marine Power Cable Yellow 15 m

**MPC YE 4.0** Marine Power Cable Yellow 50 m





AMPERE Waterproof

**HMCB 300A** Marine Circuit Breaker

**HMCB 80A** Marine Circuit Breaker AMPERE Waterproof

**HMCB 60A** Marine Circuit Breaker AMPERE Waterproof

**HMCB 40A** Marine Circuit Breaker AMPERE Waterproof



**HMDB** Marine Distribution System Waterproof 1 to 4







12 A.W.G. MSC 12.2

Marine Speaker Cable 2 Ch
60 mt

**MSC 12.2 RGB 18** 12 A.W.G. Narine Speaker Cable 2 Ch 60 mt





Our RCA audio signal cables are designed to deliver high-fidelity sound from your source unit to your amplifiers. These cables feature precision-engineered connectors and high-purity copper conductors to ensure clean, noise-free signal transmission. The durable, flexible outer jacket protects against wear and tear.







#### **HMLC6 32**

Marine Line Cable RCA 32 ft. - 10 m

#### **HMLC6 13**

Marine Line Cable RCA 13 ft. - 4 m

#### **HMLC6 3**

Marine Line Cable RCA 3 ft. - 1 m



#### 4 CH

HMLC4 32 Marine Line Cable

RCA 32 ft. - 10 m

#### **HMLC4 13**

Marine Line Cable RCA 13 ft. - 4 m

#### **HMLC4 3**

Marine Line Cable RCA 3 ft. - 1 m



### 2 CH

HMLC2 32 Marine Line Cable RCA 32 ft. - 10 m

#### **HMLC2 13**

Marine Line Cable RCA 13 ft. - 4 m

#### HMLC2 3

Marine Line Cable RCA 3 ft. - 1 m



#### **HMLCF**

Marine Line Cable 2 female 1 male 1 ft. - 0.3 m

#### **HMLCM**

Marine Line Cable 1 female 2 male 1 ft. - 0.3 m

#### **HERTZ MARINE ACCESSORIES**



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

HD1 provides the ability to replicate every function of the CAPRI main unit, creating up to 3 independently controlled listening areas. Optional for CAPRI H100, CAPRI HBB



#### 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



#### **CAPRI MB A2B**

CAPRI MB A2B adds an A2B output to CAPRI HBB, enabling easy singlecable connection to A2B systems on board. It streamlines wiring while maintaining premium sound.

Optional for CAPRI HBB.



#### HMR HTML

It enables full mirroring of the source unit interface on any compatible MFD, allowing centralized control from helm displays or remote touch panels.

Optional for CAPRI and CAPRI HBB



#### 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 CAPRI H100, CAPRI HBB, HMR 50, HMR 20, HMR 18 D, HMR 18, HMR 15 D, HMR 15, HMR 10D, HMR 10, HMR BT



#### **HM CAM CO1 WIRED BACKUP REAR CAMERA**

HM CAM C01 features high-definition recording up to 720p at 30 fps with an Ultra-wide shooting angle of 120° Horizontal and 90° Vertical. An additional feature is the Night vision mode.

Optional for CAPRI H100, CAPRI HBB, HMR 50



#### **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)



#### HMC NMEA2K VOLUME CONTROL

An essential addition to your marine audio setup, providing robust and reliable control over your audio levels. Its durable construction and compatibility with NMEA 2000® networks make it the perfect choice for boaters who demand both performance and reliability. Optional for CAPRI H100, CAPRI HBB



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

This module add DAB+ DIGITAL RADIO capability. Provided with dedicated antenna. Optional for CAPRI H100, CAPRI HBB

**HMB DAB+** 

This module add DAB+ DIGITAL RADIO capability. Provided with dedicated antenna.

Optional for HMR 20



#### **HMA USB AUX IN**

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



#### MA C13Y

Optional for connecting HMC D1 to 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 C1310** 

Optional for connecting CAPRI HD1 to CAPRI main unit – 10 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.



**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



#### **HMA C3.5Y**

3.5 jack y cable. Optional for CAPRI and HMR line



#### HRC BM2

Subwoofer remote volume control. Optional for Venezia amplifier line.



#### **HMA C3.5**

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



**HMA DAB ANT** 

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



#### HTX CLAMP.1

Optional for HTX H and HTX lines.



# MARINE GRADE SOURCE UNITS









SPECIFICATIONS	CAPRI	CAPRI HBB	HMR 50	HMR 20
DISPLAY	4.3" COLOR TFT IPS	-	3.5" COLOR TFT IPS	3" COLOR TFT IPS
PEAK POWER @ 4 Ω	4 x 70 W	4 x 70 W	4 x 50 W	4 x 50 W
FRONT PANEL IP RATING	IP67	IP67	IP66	IP66
MULTI-ZONE	4	4	3	2
	4x L+R (one per zone)	4x L+R (one per zone)	3x L+R (one per zone)	
LINE OUT (RCA)	HPF: ALL, 60, 80, 100 Hz	HPF: ALL, 60, 80, 100 Hz	(HPF: ALL, 60, 80, 100 Hz on ZONE1 only)	2x L+R (one per zone)
SUBWOOFER OUT (RCA)	4x (LPF: ALL, 60, 80, 100 Hz)	4x (LPF: ALL, 60, 80, 100 Hz)	1x (LPF: ALL, 60, 80, 100 Hz)	1x (LPF: 80, 120, 160 Hz)
AUX INPUT (RCA)	1x L+R	2x L+R	1x L+R	1x L+R
S/PDIF DIGITAL IN	Toslink (24 bit/96 kHz)	Toslink (24 bit/96 kHz)	-	-
S/PDIF DIGITAL OUT	Coaxial (24 bit/96 kHz)	Coaxial (24 bit/96 kHz)	-	-
EQUALIZER	CUSTOM 8 BANDS for each zone	CUSTOM 8 BANDS for each zone	CUSTOM 8 BANDS for each zone	BASS-TREBLE for each zone
EQ. PRESET	8	8	5	5
CAMERA IN	Yes	Yes	Yes	-
BATTERY VOLTAGE GAUGE	Yes	Yes	Yes	Yes
SOURCES				
TUNER	AM/FM (RDS) (EU/US) Weather band	AM/FM (RDS) (EU/US) Weather band	AM/FM (RDS*) (EU/US) Weather band *where available	AM/FM (RDS*) (EU/US) *where available
USB	Yes (2A)	Yes (2A)	Yes (2A)	Yes (2A)
IPOD/IPHONE	Yes	Yes	Yes	-
DAB+	Ready	Ready	-	Ready
SIRIUSXM READY	Yes	Yes	Yes	-
	5.1	5.1	5.0	5.0
BLUETOOTH	Audio streaming with ID3 Tag Display	Audio streaming with ID3 Tag Display	Audio streaming with ID3 Tag Display	Audio streaming with ID3 Tag Display
	LDAC – AAC – APTX HD	LDAC – AAC – APTX HD	APTX	-
REMOTE CONTROL	HMC HD1 (up to 4 zones) HMC U1 (up to 2 zones)	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)
SIZE & MOUNTING				
Unit Size mm (in.)	W 178 (7) x H 101 (3.97)	W 197 (7.75) x H 55 (2.16) x D 141 (5.55)	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)
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)
Mounting Depth mm (in.)	98 (3.85)	-	99 (3.89)	98 (3.86)
Mounting Method	Panel mount (4 screws)	Panel mount (4 screws)	Panel mount (4 screws)	Panel mount (4 screws)

# MARINE GRADE SOURCE UNITS







SPECIFICATIONS	HMR 18 - HMR 18 D	HMR 15 - HMR 15 D	HMR BT	
DISPLAY	2.8" DOT Matrix display	2.8" DOT Matrix display	-	
PEAK POWER @ 4 Ω	4 x 50 W	4 x 50 W	-	
RONT PANEL IP RATING	IP66	IP66	IP67	
MULTI-ZONE	2	-	-	
INE OUT (RCA)	2x L+R (one per zone)	2x L+R (Front and Rear)	1x Stereo RCAs	
UBWOOFER OUT (RCA)	1x (LPF: 80, 120,160 Hz)	1x (LPF: 80, 120,160 Hz)	-	
UX INPUT (RCA)	1x L+R	1x L+R	-	
/PDIF DIGITAL IN	-	-	-	
/PDIF DIGITAL OUT	-	-	-	
QUALIZER	BASS-TREBLE	BASS-TREBLE	-	
Q. PRESET	3	3	-	
AMERA IN	-	-	-	
ATTERY VOLTAGE GAUGE	-	-	-	
OURCES				
TUNER	AM/FM (RDS*) (EU/US) *where available	HMR 15: AM/FM (EU/US) HMR 15 D: FM (RDS*) (EU) *where available	-	
ISB	Yes (1A)	Yes (1A)	-	
POD/IPHONE	-	-	-	
AB+	Only HMR 18 D	Only HMR 15 D	-	
IRIUSXM READY	-	-	-	
	5.0	5.0	5.0	
LUETOOTH	Audio streaming	Audio streaming	Audio streaming	
	-	-	APTX HD	
REMOTE CONTROL	HMC U1 (up to 3)	HMC U1 (up to 3)	HMC U1 (up to 3)	
IZE & MOUNTING				
nit Size mm (in.)	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)	W 73,2 (2.9) x H 63,7 (2.5) x D 55,8 (2.2)	
Nounting Hole size mm (in.)	Ø 89,5 (3.52)	Ø 89,5 (3.52)	Ø 45 (1.77)	
Nounting Depth mm (in.)	80 (3.15)	72 (2.83)	39,1 (1.54)	
Nounting Method	Panel mount (4 screws)	Panel mount (4 screws); U-Bracket	Panel mount (4 screws)	



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







#### **PORTOFINO**

COAX specifications		PORTOFINO 65 XW	PORTOFINO 77 XW
	Woofer	165 (6.5)	195 (7.7)
Size mm (in.)	Tweeter	36 (1.42)	36 (1.4)
Size IIIII (III.)	Mounting Depth	97,3 (3.8)	108 (4.2)
	Outer Diameter Ø	212 (8.3)	232 (9.1)
Power Hand, W	Peak	150	200
Power Hand. W	Continuous	75	100
Imp.Ω		4	4
Freq. Resp.Hz		50 - 25 K	45 - 25k
Sens. dB/SPL		89	91
Magnet WF/TW		High density flux ferrite	High density flux ferrite
Woofer Cone / Tw	veeter Dome	Polypropylene / PEI	Polypropylene / PEI

SUB specifications		PORTOFINO 100 (S2W/S4W)	
Size mm (in.)		250 (10)	
Mounting Depth		174 (6.85)	
Power Hand, W	Peak	500	
Power Hand. W	Continuous	250	
Imp.Ω		2 (S2W) 4 (S4W)	
Sens. dB/SPL		88,50	
Application		Infinite baffle	
Magnet		High density flux ferrite	
Cone		Polypropylene	















#### HMX SPORT.2

COAX specifications		HMX 6.5 S-LD (G/SW)	HMX 7.7 S-LD (G/SW)	HMX 8 S-LD (G/SW)
	Woofer	165 (6.5)	188,6 (7.4)	217,6 (8.6)
Size mm (in.)	Tweeter	36 (1.4)	36 (1.4)	36 (1.4)
312e 111111 (111.)	Mounting Depth	69 (2.72)	79 (3.1)	91 (3.58)
	Outer Diameter Ø	172,2 (6.78)	196 (7.7)	225 (8.8)
Power Hand. W	Peak	150	200	200
Power Hand. W	Continuous	75	100	100
Imp.Ω		4	4	4
Freq. Resp.Hz		50 - 25 K	45 - 25k	45 - 25 K
Sens. dB/SPL		89	91	91
Magnet WF/TW		High density flux ferrite / Neodymium	High density flux ferrite / Neodymium	High density flux ferrite / Neodymium
Woofer Cone / Tw	veeter Dome	Polypropylene / PEI	Polypropylene / PEI	Polypropylene / PEI

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









#### **HMX MARINE**

COAX specifications		HMX 6.5 (LD-TW/LD-TC)	HMX 8 (LD-TW/LD-TC)
	Woofer	165 (6.5)	217,6 (8.6)
Size mm (in.)	Tweeter	36 (1.4)	36 (1.4)
Size IIIII (III.)	Mounting Depth	69 (2.72)	91 (3.58)
	Outer Diameter Ø	172,2 (6.78)	225 (8.8)
Power Hand. W	Peak	150	200
Power Hand. W	Continuous	75	100
lmp.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 / Tv	veeter Dome	Polypropylene / PEI	Polypropylene / PEI

#### **HEX SERIES**









COAX specifications		HEX 6.5 (W-O/C-O/C-W)	HEX 6.5 S-LD (G/SW)	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 Depth	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
Imp.Ω		4	4	6 (IC-W only)
Freq. Resp.Hz		50 - 23 K	50 - 23k	50 - 22k
Sens. dB/SPL		88	88	88
Magnet WF/TW		High density flux ferrite / Neodymium	High density flux ferrite / Neodymium	High density flux ferrite / Neodymium
Woofer Cone / Tw	veeter Dome	Polypropylene / PEI	Polypropylene / PEI	Polypropylene / Tetolon

#### PREMIUM CLASS TOWER





#### **HTX SERIES**

COAX specifications		HTX 8H S-FL (SW-G)	HTX 8 M-FL (TW-TC)
	Woofer	217,6 (8.6)	217,6 (8.6)
	Compression Driver	36 (1.4)	-
Size mm (in.)	Tweeter	-	36 (1.4)
Size mm (in.)	Outer Diameter Ø	225 (8.8)	225 (8.8)
	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)
Dames Hand 187	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	eeter Dome	Water Repellent pressed paper	Polypropylene with UV inhibitors / PEI

#### MARINE SUBWOOFERS





#### **HMS SERIES**

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 Depth		116 (4.57)	140,6 (5.54)
Dames Hand 18/	Peak	600	1000
Power Hand. W	Continuous	300	500
Imp.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

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):	<80 μΑ
OFF current (ART™= ON):	<80 µА
Remote IN:	6 ÷ 20 VDC (10 mA)
Remote OUT:	4 ÷ 20 VDC (150 mA)
ART - Automatic Remote Turn on/off from BTL speaker outputs (selectable):	1.5 ÷ 7 VDC
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 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
Input Impedance:	38 kΩ (Pre IN/AUX) 4.7 Ω (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.

Cutput 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           Linkwitz (@) 12 / 24 dB Butterhovith (@) 61 / 12 / 18 / 24 / 30 dB Bessel (@) 6 / 12 / 18 / 24		
Output Equalizer         15 poles Parametric EQ: ±12 dB; 20 ÷20 kHz           CONNECTION           From 7 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:         Eull kiwitz @ 12 / 24 dB B Butterworth @ 6/ 12 / 18 / 24 / 30 dB Bessel @ 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)         Parametric EQ: +12 dB + -12 dB; 7 poles (for each input channel)           Outputs:         Parametric EQ: +12 dB + -12 dB; 7 poles (for each output channel)           GENERAL         Wemory Preset selection:           Memory Preset selection:         Through the Control Software or by wire           Input Selection:         Through the Control Software or by wire           Input Selection:         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 Bloutcoth 5.0 BLE           Software / PC requirements:         Microsoft Windows (32/64 bit): W	OUTPUT STAGE	
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:         Linkwiz (2) 12 / 24 dB B Butterworth (2) 6 / 12 / 18 / 24 / 30 dB Bessel (2) 6 / 12 / 18 / 24 / 30 dB           Crossover frequencies:         20 + 20 k Hz (120 step)           Phase control:         20 + 20 k Hz (120 step)           Phase control:         20 + 20 k Hz (120 step)           Phase control:         20 + 20 k Hz (120 step)           Phase control:         20 + 20 k Hz (120 step)           Phase control:         20 + 20 k Hz (120 step)           Phase control:         20 + 20 k Hz (120 step)           Phase control:         20 + 20 k Hz (120 step)           Phase control:         4 x Preset           Memory Preset:         4 x Preset           Memory Preset:         4 x Preset           Memory Preset:         4 x Preset           Memory Preset selection:         1 b c control Software or by wire	Low level (Pre Out):	8 RCA outputs
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  Input Selection: 0 ÷ 471,5 cm / 0 ÷ 185.5 in.  Delay: 0 ÷ 13.88 ms  Step: 0.20 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)  Minimum mobile device requirements: Microsoft Windows 13 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Minimum mobile device requirements: min. 1024 x 600  Ambient operating temperature are "C C to S5° C / (32° F to 131° F)  SIZE / WEIGHT  Mas size W x H x D (mm/inch): 130 x 37 x 88.3 / 5.12 x 1.45 x 3.48	Output Equalizer	15 poles Parametric EQ: ±12 dB; 20 ÷20 kHz
Section   Sect	Output Signal Limiter	Yes (Selectable)
Bluetooth data connectivity (no audio streaming):  CROSSOUER  Filter type: Full / Hi-Pass / Low-Pass / Band Pass  Filter type: Full / Hi-Pass / Low-Pass / Band Pass  Filter mode and slope: Butterworth @ 6/ 12 / 18 / 24 / 30 dB Bessel @ 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 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: 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)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (	CONNECTION	
connectivity (no audio streaming):         BI 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 Bessel @ 6 / 12 / 18 / 24 / 30 dB           Crossover frequencies:         20 + 20 k Hz (120 step)           Phase control:         0° / 180°           EQUALIZER (20 HZ + 20 kHz)         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         4 × Preset           Memory Preset:         4 × Preset           Memory Preset selection:         1 Through the Control Software or by wire           Input Selection:         1 Through the Control Software or by wire           TIME ALIGNMENT         0 ÷ 471,5 cm / 0 ÷ 185.5 in.           Delay:         0 ÷ 471,5 cm / 0 ÷ 185.5 in.           Step:         0 20 ms; 0.7 cm / 0.27 in.           GENERAL REQUIREMENTS         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 0s: 10.13 Hight Sierra or later (USB and BT BLE) Mindows 11 (USB and BT BLE) Mac 0s: 10.13 Hight Sierra or later (USB and BT BLE) Mindows 11 (USB and BT BLE) Mindows 12 or later (BT BLE)	From / to personal computer:	1 x micro USB
Filter type: Filter mode and slope:  Linkwitz @ 12 / 24 dB Butterworth @ 6 / 12 / 18 / 24 / 30 dB Bessel @ 6 / 12 / 18 / 24 / 30 dB Bessel @ 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: Memory Preset: Memory Preset selection: Input 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: Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE) Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE) Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Video Resolution with screen resize min. 1024 x 600  Ambient operating temperature ange  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		BT 5.0 (BLE)
Filter mode and slope:  Linkwitz @ 12 / 24 dB Butterworth @ 6 / 12 / 18 / 24 / 30 dB Bessel @ 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) Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Minimum mobile device requirements:  Minimum mobile device requirements:  Video Resolution with screen resize  min. 1024 x 600  Ambient operating temperature range  SIZE / WEIGHT  Mas size W x H x D (mm/inch):  130 x 37 x 88.3 / 5.12 x 1.45 x 3.48	CROSSOVER	
Filter mode and slope:  Butterworth @ 6 / 12 / 18 / 24 / 30 dB Bessel @ 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:  Input 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:  5 tep:  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) Mindows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Video Resolution with screen resize  min. 1024 x 600  Ambient operating temperature range  SIZE / WEIGHT  Mas size W x H x D (mm/inch):  1 30 x 37 x 88.3 / 5.12 x 1.45 x 3.48	Filter type:	Full / Hi-Pass / Low-Pass / Band Pass
Phase control:  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  IIME 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  Microsoft Windows (32/64 bit): Windows 10 (USB and BT BLE) Windows 11 (USB and BT BLE) Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Video Resolution with screen resize min. 1024 x 600  Ambient operating temperature range 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	Filter mode and slope:	Butterworth @ 6 / 12 /18 / 24 / 30 dB
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  IME 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 requirements: Microsoft Windows (32/64 bit): Windows 10.013 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 10 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Windows 11 (USB and BT BLE) For or later (USB OTG and BT BLE), iOS 12 or later (BT BLE)  Wideo Resolution with screen resize min. 1024 x 600  Ambient operating temperature range  O° 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	Crossover frequencies:	20 ÷ 20 k Hz (120 step)
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       Wemory Preset:         Memory Preset selection:       1 hrough the Control Software or by wire         Input Selection:       1 hrough the Control Software or by wire         TIME ALIGNMENT       1 hrough the Control Software or by wire         Delay:       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 requirements:       Android OS 7 or later (USB OTG and BT BLE), iOS 12 or later (BT BLE)         Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)         Wideo Resolution with screen resize       min. 1024 x 600         Ambient operating temperature range       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	Phase control:	0° / 180°
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 requirements:       Android OS 7 or later (USB OTG and BT BLE), iOS 12 or later (BT BLE)         Wideo 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	EQUALIZER (20 HZ ÷ 20 kHz)	
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 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	Inputs:	Parametric EQ: +12 dB ÷ -12 dB; 7 poles (for each input channel)
Memory Preset:4 x PresetMemory Preset selection:Through the Control Software or by wireInput Selection:Through the Control Software or by wireTIME ALIGNMENTDistance:0 ÷ 471,5 cm / 0 ÷ 185.5 in.Delay:0 ÷ 13.58 msStep:0,02 ms; 0,7 cm / 0.27 in.GENERAL REQUIREMENTSPC connections:1 x USB 1,1 / 2,0 / 3,0 Compatible or Bloutooth 5.0 BLESoftware / 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 resizemin. 1024 x 600Ambient operating temperature range0° C to 55° C / (32° F to 131° F)SIZE / WEIGHT130 x 37 x 88,3 / 5.12 x 1.45 x 3.48	Outputs:	Parametric EQ:+12 dB ÷ -12 dB; 15 poles (for each output channel)
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  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: Microsoft Windows 10 (USB OTG and BT BLE), iOS 12 or later (BT BLE)  Windows 11 (USB oTG and BT BLE), iOS 12 or later (BT BLE)  Wideo Resolution with screen resize min. 1024 x 600  Ambient operating temperature range  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	GENERAL	
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 requirements: Android OS 7 or later (USB OTG and BT BLE), iOS 12 or later (BT BLE)  Video Resolution with screen resize inin. 1024 x 600  Ambient operating temperature range  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	Memory Preset:	4 x Preset
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 requirements: Android OS 7 or later (USB OTG and BT BLE), iOS 12 or later (BT BLE)  Wideo Resolution with screen resize min. 1024 x 600  Ambient operating temperature range  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	Memory Preset selection:	Through the Control Software or by wire
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 requirements: Android OS 7 or later (USB OTG and BT BLE), iOS 12 or later (BT BLE)  Wideo Resolution with screen resize inin. 1024 x 600  Ambient operating temperature range o° 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	Input Selection:	Through the Control Software or by wire
Delay:0÷13.58 msStep:0,02 ms; 0,7 cm / 0.27 in.GENERAL REQUIREMENTSPC connections:1 x USB 1,1 / 2,0 / 3,0 Compatible or Bloutooth 5.0 BLESoftware / 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 resizemin. 1024 x 600Ambient operating temperature range0° C to 55° C / (32° F to 131° F)SIZE / WEIGHTMax size W x H x D (mm/inch):130 x 37 x 88,3 / 5.12 x 1.45 x 3.48	TIME ALIGNMENT	
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 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 O° 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	Distance:	0 ÷ 471,5 cm / 0 ÷ 185.5 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 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  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	Delay:	0 ÷ 13.58 ms
PC connections:  1 x USB 1,1 / 2,0 / 3,0 Compatible or Bloutooth 5.0 BLE  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  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	Step:	0,02 ms; 0,7 cm / 0.27 in.
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)  Wideo Resolution with screen resize  min. 1024 x 600  O° 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	GENERAL REQUIREMENTS	
Minimum mobile device requirements:  Minimum mobile device requirements:  Video Resolution with screen resize min. 1024 x 600  Ambient operating temperature range  SIZE / WEIGHT  Max size W x H x D (mm/inch):  Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)  Min. 0024 x 600  O° C to 55° C / (32° F to 131° F)  130 x 37 x 88,3 / 5.12 x 1.45 x 3.48	PC connections:	1 x USB 1,1 / 2,0 / 3,0 Compatible or Bloutooth 5.0 BLE
ments: Android OS / OF latter (USB OTG and BT BLE), IOS 12 of latter (BT BLE)  Video Resolution with screen resize min. 1024 x 600  Ambient operating temperature range  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	Software / PC requirements:	
Ambient operating temperature range         0° C to 55° C / (32° F to 131° F)           SIZE / WEIGHT         130 x 37 x 88,3 / 5.12 x 1.45 x 3.48		Android OS 7 or later (USB OTG and BT BLE), iOS 12 or later (BT BLE)
range         0° Ct055° C7 (32° F t0 131° F)           SIZE / WEIGHT         130 x 37 x 88,3 / 5.12 x 1.45 x 3.48	Video Resolution with screen resize	min. 1024 x 600
Max size W x H x D (mm/inch): 130 x 37 x 88,3 / 5.12 x 1.45 x 3.48		0° C to 55° C / (32° F to 131° F)
	SIZE / WEIGHT	
Weight (kg/lb): 0.66 / 1.45	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

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



#### AMP

specifications

Channel Mode			1
	@ 4Ω	W x ch	500
Output Power (RMS) @ 14.4 VDC / 28.8 VDC (HMD1 24V)	@ 2Ω	W x ch	800
	@ 1Ω	W x ch	1000
Distortion - THD	1 kHz @ 4Ω, 2 VRMS	%	0.1
S/N Ratio	Sensitivity @ 1 V RMS	dBA	101
Damping factor 1 kHz @ 4Ω			120
Size W x D x H	mm	238 x 49,5 x 155	
Pize M X D X LI		in.	9.37 x 1.95 x 6.1



#### HMD8 DSP - HMD8 DSP 24V

AMP specifications

•			
Channel Mode			8 - 4
	@ 4Ω	W x ch	85 x 8
Output Power (RMS) @ 14.4 VDC / 28.8 VDC (HMD8 24V)	@ 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
5° . W B II		mm	238 x 49,5 x 155
Size W x D x H		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

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



#### AMP specifications

POWER SUPPLY	
Nominal power supply voltage / fuse	11 ÷ 15 VDC / 100A external fuse
Pulse Operating voltage	6.5 ÷ 18 VDC
Idling current	2,5A
Standby current draw	1.7mA
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,4 $\Omega$ , All Channels	84.5% (4 ohms rated power)
AMPLIFIER STAGE	
Distortion - THD+N @ 1 KHz, 4Ω, 70% Rated Power	<0.04%
Damping factor @ 1 kHz , 4Ω, 2 VRMS	125
Bandwidth @ -3 dB	10 - 42k Hz
S/N ratio (A weighted @ 1 V Input, Rated Power) Master Input	98 dBA
S/N ratio (A weighted @ Rated Power) Digital Input	106 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	250 W x 8
4Ch (Bridge 1/2; 3/4; 5/6; 7/8) @ 4Ω	500 W x 4

INPUTS / OUTPUTS	
Pre-In CH	12
Coaxial S/PDIF Digital IN	Max 96 kHz / 24 bit
A2B DIGITAL IN	Up to 16 DSP Channels
Amplified Speaker Out	8
DSP Analog Pre-Out	6
A2B DIGITAL OUT	Up to 16 DSP Channels
DIGITAL SIGNAL PROCESSOR	
DSP units	2 x Analog Devices ADAU1467 automotive qualified audio processor
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 equalizer	12 Biquad + Delay
Time Alignment Distance	0 ÷ 510 cm / 0 ÷ 200.8 inches
Time Alignment Delay	0 ÷ 15 ms
Time alignment step	0.01 ms
CONTROL CONNECTIONS	
Digital Control Port	CAN-BUS
Serial Port	RS-232
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 55,5 / 13 x 7.9 x 2.18
Weight kg/lbs	4.2 / 9.3

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









#### **VENEZIA SERIES**

AMP specification	s		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 x 4 (4Ω)	-
	W x ch (6 ch)		290 x 6 (2Ω)	-	290 x 4 (2Ω)	-
W x ch (5	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 x 2 (4Ω) + 580 x 2 (4Ω)	-	-	-
Output Power	W x ch (4 ch)		290 x 2 (2Ω) + 580 x 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 x 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)
Filters	Bypass		yes	yes	yes	yes
	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
Size W x D x H		mm	330 x 200 x 54	330 x 200 x 54	270 x 185 x 54	270 x 185 x 54
DIZE 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 specifications	;		VENEZIA V5C / V5C 24V	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 x 2 (4Ω) + 330 x 1 (4Ω)	110 W x 2 (4Ω) + 380 W x 1 (4Ω)
	W x ch (3 ch)		$230 \times 2 (4\Omega) + 550 \times 1 (2\Omega)$	190 x 2 (2Ω) + 380 x 1 (4Ω)
	W x ch (2 ch)		-	380 W x 2 (4Ω)
	W x ch (mono)		=	-
	W x ch (mono)		=	-
	W x ch (mono)		=	-
Filters	Bypass		yes	yes
	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		<del>-</del>	-
Distortion - THD	100 Hz @ 4Ω	%	<0.02	<0.05
S/N Ratio	Sensitivity @ 1 V RMS	dBA	105	100
Damping factor	100 Hz @ 4Ω		100(A-B Out) 300(SUB out)	200
Size W x D x H		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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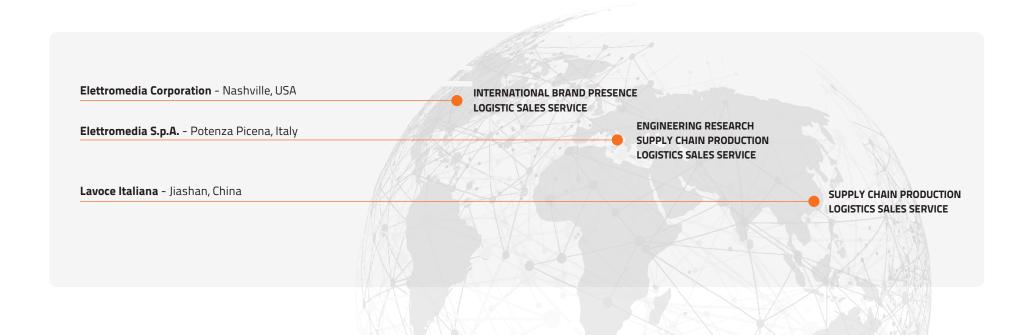
# ELETTROMEDIA, EVOLUTION OF TECHNOLOGY AND ART OF SOUND

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.



# MULTINATIONAL COMPANY VALUE

Born in Potenza Picena by a group of friends who shared the same passion for incar 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.





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