



CATALOGUE 2023

THE SOUND EXPERIENCE

HERTZ



hertz-audio.com



hertz-audio.com



THE SOUND EXPERIENCE

HERTZ

Hertz was founded in 1998 by a team of Italian 12 volts industry specialists with a specific mission in mind: to bring the real Sound Experience to the fans lives.

Since the beginning, passion for mobile audio was the essential driving force leading Hertz design centre, located in Italy, to win the never-ending challenge of innovation using the most advanced technologies.

Each new project starts from the enthusiasts' needs and is developed to connect them straight to the unique lifestyle devoted to pursuing mobile listening pleasure: The Hertz Sound Experience.

The Sound Experience

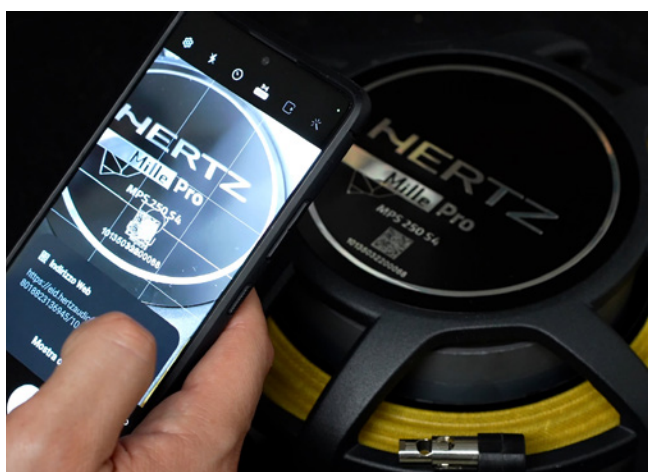
1000 MILLE

100 CENTO

10 DIECI

1 UNO

SPL



SCAN,
DISCOVER,
IDENTIFY



Video of eID technology

eID, the exclusive technology providing the traceability of Hertz products from their birth onwards gives the user the certainty of owning a genuine Hertz product.



HERTZ

Mille

1000

HI-END LISTENING PLEASURE

Cento

100

THE AUTHENTIC HERTZ SOUND FOR THE ENTHUSIASTS

dieci

10

SATISFYING EVERY NEED, IN EVERY CAR

uno

1

WHERE THE SOUND EXPERIENCE BEGINS

SPL/Show

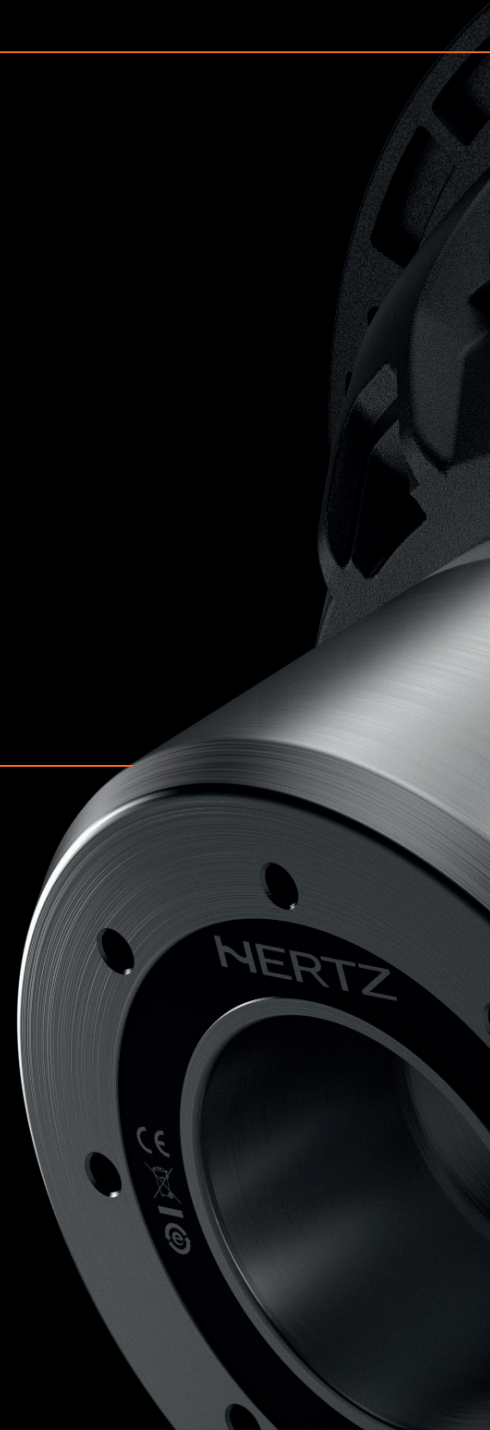
A WALL OF SOUND ANYWHERE YOU LIKE!

HERTZ

Mille

Mille Legend
Mille Pro

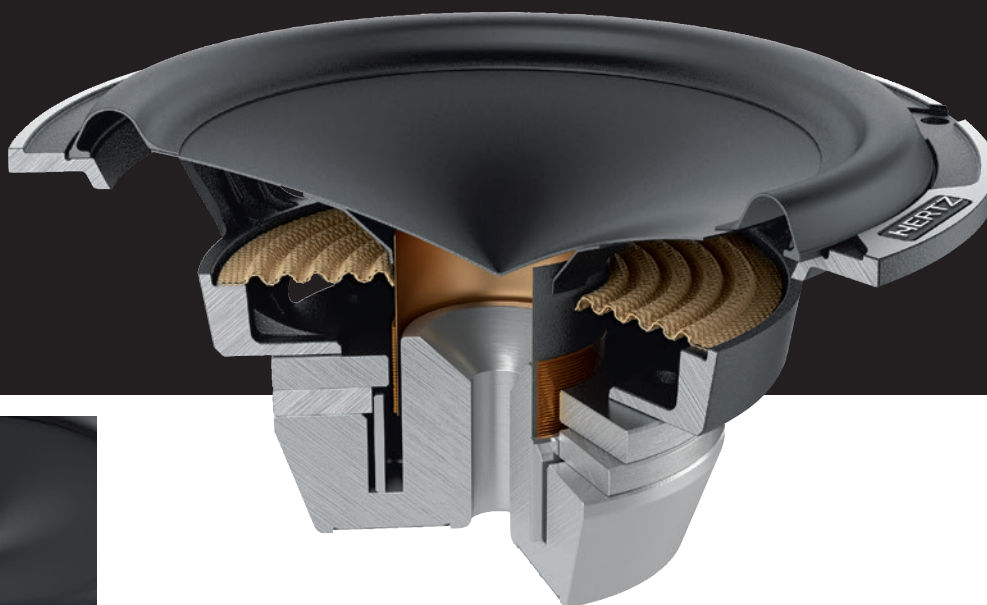
HI-END
LISTENING
PLEASURE





Since its introduction in 1999, the Mille line always had one goal: to be a reference for the enthusiasts. Mille is a continuous challenge driven by Hertz passion for absolute performance constantly improved by technology that makes real difference in your car.

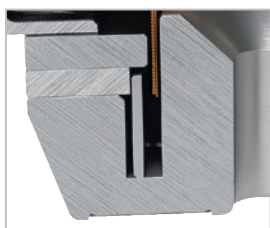
Mille Legend



V-CONE®



BOUNDARY FREE
SURROUND



ALUMINIUM
SHORTING RING



ALUMINIUM ALLOY BASKET

V-CONE®

Prevents the cone from deforming during its excursion, ensuring an ideal "piston-like" movement, thus maximizing the production of acoustic pressure. The exponential profile of woofer and mid-range, lacking the traditional dust-cap, is close to perfection, generating exceptional dispersion at mid-high frequencies.

BOUNDARY FREE SURROUND

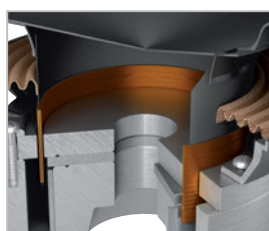
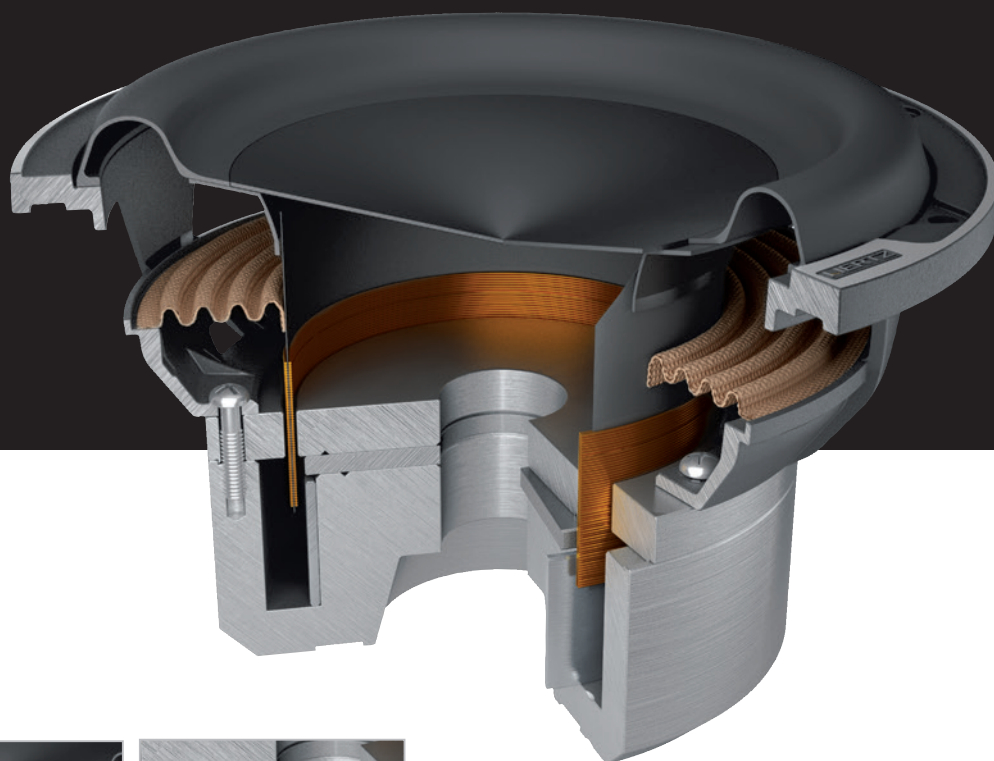
Designed to achieve a wider emission surface of the cone compared to speakers' traditional surround design of the same size; in that way, the cone moves a bigger mass of air, producing more acoustic pressure. Highly pure IIR butyl rubber material has been accurately selected, ensuring optimal transient response damping and constant performance through wide working temperature range.

ALUMINIUM ALLOY BASKET

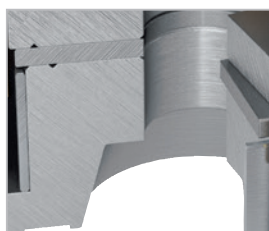
The compact anti-resonant alloy basket features decompression of the air volume below the spider through venting holes. When these are combined with the motor vented system, they allow the cone to move as free as it needs making long excursions, eliminating every distortion due to acoustic compression phenomena. The structure self-standing geometry adds to the overall mechanical damping, resulting absolutely transparent to sound.

ALUMINIUM SHORTING RING

Mille Legend woofer and subwoofer employ an aluminium ring to reduce the "modulated inductance" phenomenon. Thanks to air gap reduction, the motor energy transferred to the voice coil is increased, resulting in the most accurate reproduction of musical nuances.



100 mm (4")
SUBWOOFER VOICE COIL



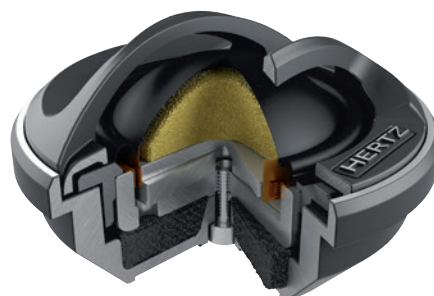
NEODYMIUM MAGNET

HUGE SUBWOOFER VOICE COIL

Mille Legend subs feature a CCAW (Copper Clad Aluminium Wire) 100 mm (4") voice coil to ensure unparalleled heat dissipation capability and a better stability of the mobile equipment during extended excursions, avoiding undesired resonances, such as the well known "rocking mode".

NEODYMIUM MAGNET

The motor assembly of Mille Legend speakers, as well as subwoofers, expands around a high thermal threshold Neodymium ring with unique sizes ensuring absolute thermal stability, bursting dynamics and total absence of dynamic compression.



DIE-CAST ALUMINIUM FACEPLATE TWEETER AND CASE

Mille Legend tweeter case and faceplate are totally made up of die-cast aluminium, for a mechanically inert, acoustically transparent structure. Faceplate geometry profile is optimized with FEA simulations to improve frequency response linearity and off-axis dispersion.

Mille Legend



LEGEND

ML 280.3
COMP TWEETER
180 W



DIE-CAST ALUMINIUM
FACE PLATE TWEETER

FEM designed faceplate geometry leads to a wider frequency response with lower distortion. The optimized rear acoustic chamber achieves 50% increase in overall volume, to extend the response to lower ranges with 900 Hz resonance frequency.

ML700.3 Legend boasts outstanding wide frequency extension making it the ideal component for an hi-end audiophile system.

LEGEND

ML 700.3
COMP MIDRANGE
100 W



Grille provided



Mille line woofers are made for the enthusiasts looking for extreme performance guaranteed by an exceptional power handling and a compression-free reproduction even in the most demanding musical passages.



36/50 mm (1.4" / 2")
WOOFER VOICE COIL

LEGEND

ML 1650.3

COMP WOOFER
250 W

ML 1800.3

COMP WOOFER
400 W



Grille provided

Mille Legend crossover is made by extremely high quality components like bi-metallized polyester film capacitors and air wound inductors for maximum sound transparency.



EXTREMELY HIGH QUALITY
COMPONENTS

LEGEND

MLCX 2 TW.3

CROSSOVER
300 W



Mille Legend

Mille Legend system components combine very high dynamics with extremely extended frequency response, featuring maximum timbre consistency.



LEGEND

MLK 1650.3
2 WAY SYSTEM
300 W

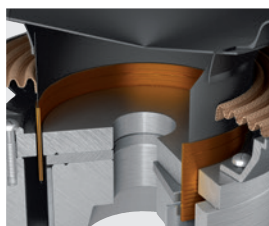


Grille provided



MLK 700.3
2 WAY SYSTEM
200 W





100 mm (4")
SUBWOOFER VOICE COIL

LEGEND

ML 2000.3
SUBWOOFER
1400 W



MLG 2000.3
MLG 2500.3
optional grille



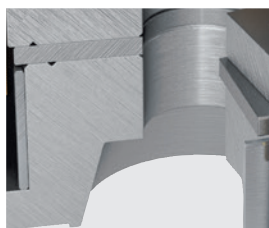
MG 200.3
MG 250.3
optional grille



HERTZ

Mille Legend

Mille Legend subwoofers produce powerful undistorted bass free of dynamic compression. Thanks to their innovative design they are optimized to play in a compact box combining reference performance and ease of installation.



NEODYMIUM MAGNET

LEGEND

ML 2500.3
SUBWOOFER
1400 W



Mille Pro

PRO

MP 28.3
COMP TWEETER
180 W



MP 28.3 Mille Pro 28 mm diameter tweeter component inherited all the technological features of the Mille Legend ML 28.3. The geometry of the Tetolon dome maximizes the typical dispersion of off-axis listening.



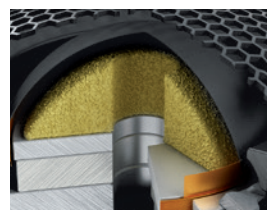
Mounting Accessories provided with
MP 25.3, MP 28.3, MPK 130.3, MPK 165.3,
MPK 165P.3, MPK 163.3.

PRO

MP 25.3
COMP TWEETER
120 W



Mounting Accessories provided with
MP 25.3, MP 28.3, MPK 130.3, MPK 165.3,
MPK 165P.3, MPK 163.3.



CENTER TUNING DUCT
TWEETER GEOMETRY

MP 25 "Center Tuning Duct" exchanges air between dome and rear load chamber fine-tuning the acoustics to perfection. The result is a low crossover frequency with the woofer for a realistic sound stage.

MP 70.3 wide frequency extension makes it the perfect combination for the powerful mid-low of the MP 165.3 woofer as well as the detailed high range of the MP 25.3 tweeter.

grille provided

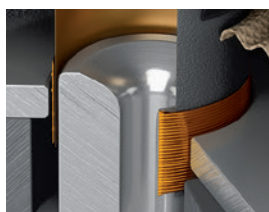


MP 70.3
COMP MIDRANGE
100 W



MPCX 2 TM.3
CROSSOVER

The MP 165P.3 woofer component has been forged to give it the pure and solid sound of an authentic mid-bass, designed for high dynamic systems. The voice coil, with a generous 14 mm height, provides a nominal 3Ω impedance to maximally exploit any kind of amplifier.



3 Ω IMPEDANCE,
LONG THROW VOICE COIL

PRO

MP 165P.3
COMP WOOFER
200 W



Designed to ensure a wide low frequency response, even in cars with no space for a subwoofer, MP 165.3 woofer boasts outstanding dispersion features and generates high SPL within compact dimensions.



PRO

MP 165.3
COMP WOOFER
180 W



MPG 165.3
optional grille

Mille Pro

Mille PRO system components have been designed to ensure a wide low frequency **response** thanks to the **V-cone®** and **Boundary Free Surround** technologies boasting outstanding dispersion features and high SPL.



MPK 165P.3
2 WAY SYSTEM
230 W



MPK 165.3
2 WAY SYSTEM
220 W

MPK 130.3
2 WAY SYSTEM
200 W

HERTZ

Mille Pro



Mounting Accessories provided with
MPK 130.3, MPK 165.3, MPK 165P.3,
MPK 163.3.



MPK 163.3
3 WAY SYSTEM
300 W

Mille Pro

The **MPX 165.3 coax concentric tweeter**, allows for one single linear-phase emission point, for a natural timbre providing a detailed sound stage.



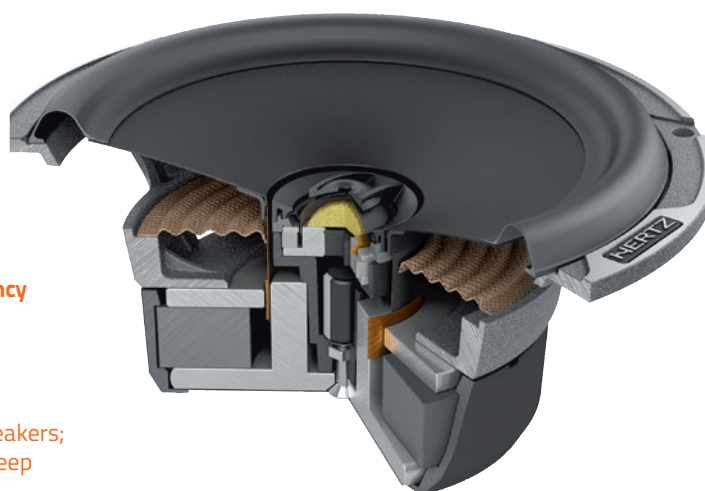
MPG 165.3
optional grille

PRO

MPX 165.3
2 WAY COAXIAL
200 W



Thanks to the **"Center Tuning Duct"** geometry, **the tweeter resonance frequency is especially low** and the employment of damping materials provides for a linear acoustic emission. **The acoustic lens optimizes its off-axis response**, which is typical with door installations of coax speakers; the 36 mm diameter woofer generates deep and controlled bass frequencies.



The three-way MPX 690.3 coaxial, optimized for rear deck mount, features a 28 mm Tetolon tweeter with Neodymium magnet and faceplate profile maximizing the off-axis dispersion. A supertweeter strengthens the emission of very high frequencies and the basket radial venting system ensures low operating temperatures. The sound has an impressive impact and ensures perfect control, also with extensive high dynamic listening.



Grille Provided

PRO

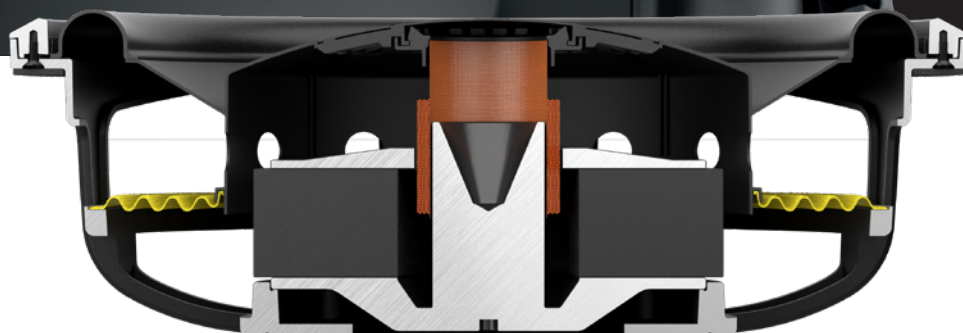
MPX 690.3
3 WAY COAXIAL
260 W





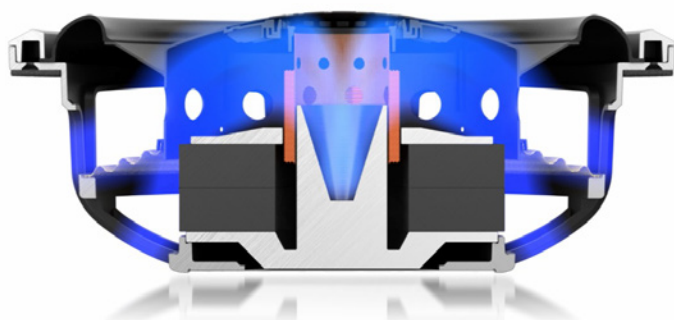
Mille Pro

MILLE PRO SHALLOW SUBWOOFER TECHNOLOGY



ULTRA SHALLOW SUBWOOFER

Mille PRO shallow subwoofers have been designed to achieve exceptional performance even when there is very little space available to install the subwoofer box. This exceptional target has been achieved thanks to the ingenious suspension group design featuring a dedicated support structure for spider and coil. This solution has allowed to move the magnetic group inwards, reducing the depth and at the same time maximizing cone linear excursion.

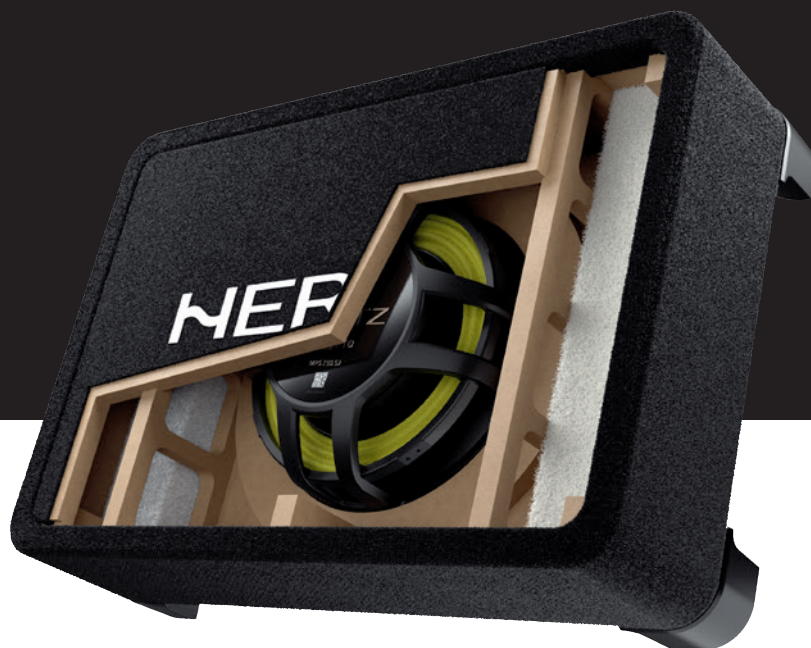


AIR (Air Intercooling Revolution) technology, optimizing the fluid dynamics of the inner acoustic structure and the magnetic group to minimize the internal compression of air and maximize cooling capacity.



DIE-CAST ALUMINIUM FRAME

The non-vented rear design with solid horizontal 8AWG spring-loaded terminals allow reduced enclosure depth.



DEDICATED SEALED ENCLOSURE

The panel-to-panel internal bracing on all sides of the box featuring solid corners minimize resonances. The internal sound-absorbing material virtually increases the volume of the box and further damp acoustic resonances. 15 mm (0,59 in.) wood thickness provides an incomparable robustness.



2S² (2 Sides/2 Sounds) design provides the ability to choose between up-firing install to obtain more punch and definition and down-firing mounting, through supplied feet with Hook-and-loop inserts, to increase the low-frequency extension.



Thanks to SSP (Sub Smart Plug), MPBX feature both Plug-&-Play terminal block and traditional push terminals providing bulletproof connection and quick release.

Mille Pro

MILLE PRO SHALLOW SUBWOOFERS

The new MPS (Mille PRO Shallow) subwoofers have a depth/performance ratio never achieved before thanks to the impressive cone excursion capacity which is 20% higher than a traditional design.



PRO

MPS 250 S2/S4

SHALLOW SUBWOOFER

1000 W

38-MM 6-LAYER VOICE COIL

The 6 layers, 1.5 in. (38 mm) voice-coil with cooling holes on the former contributes to the thermal stability of the subwoofer, making MPS subs ready to face to most demanding high-SPL listening session.



OPTIMIZED FOR EXTREMELY COMPACT ENCLOSURE

The subwoofers are optimized to work in ultra-compact sealed boxes starting from only 14 Lt (0.49 Cf) for 10' models (MPS 250) and 22,7 (0.8 Cf) for 12' models (MPS 300).



GRILLE INCLUDED

Robust screw-less mesh grille included with black screws provided.



PRO

MPS 300 S2/S4
SHALLOW SUBWOOFER

1000 W

MPS subwoofers are the best option when there is very little space available.



Mille Pro

MILLE PRO ULTRA SHALLOW SEALED BOX

Mille PRO ultra-shallow sealed enclosures are specifically optimized deliver all the MPS subwoofers performance.



PRO

MPBX 250 S2

PASSIVE SHALLOW
BOX SUBWOOFER

1000 W





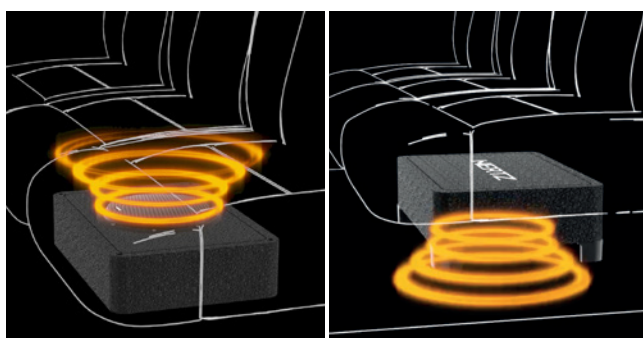
PRO

MPBX 300 S2

PASSIVE SHALLOW
BOX SUBWOOFER

1000 W

Robust screw-less mesh grille included



2S² (2 Sides/2 Sounds) design provides the ability to choose between up-firing and down-firing install.



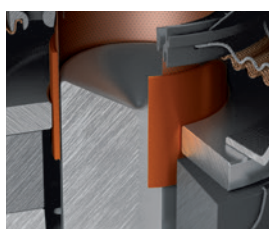
Round corners to ease the placement

Mille Pro

Outstanding performance in a compact size, this is Mille Pro Subwoofers' target. On the strength of its know-how acquired with Mille Legend, the R&D team optimized the production process to offer the "Hertz Sound Experience" to a wider audience using part of the technologies and materials of the flagship line.

65-MM 4-LAYER VOICE COIL

The 65-mm 4-layer voice coil is higher than 60 mm and wound in a TIL-P former, thus delivering high linear displacement. The air cooling and decompression system avoids the need for a centre hole on the bottom plate and provides a better thermal inertia to ensure low operating temperatures during musical transients.



PRO

MP 250 D2.3
SUBWOOFER
1200 W

MP 250 D4.3
SUBWOOFER
1200 W



MPG 250
MPG 300
optional grille



MG 250.3
MG 300.3
optional grille



VENTILATION SYSTEM

The holes behind the voice coil winding and the 10 vents on the bottom plate ensure greater air exchange to the coil inner layers and work in synergy with an innovative assembly system. It forces the air to pass through the air gap to keep the coil operating temperature low, even with the most extreme musical programs.



PRO

MP 300 D2.3
SUBWOOFER
1200 W

MP 300 D4.3
SUBWOOFER
1200 W



Mille Power

HI-END PERFORMANCE ULTIMATE TECHNOLOGY

MILLE POWER AMPLIFIERS ARE BORN
TO FULLY ENHANCE THE OUTSTANDING
PERFORMANCE OF THE MILLE SPEAKERS

ML POWER 5

D-CLASS FIVE CHANNEL
AMPLIFIER

**1900 W
MAX POWER**

ML POWER 1

D-CLASS MONO
AMPLIFIER

**2000 W
MAX POWER**



ADC
ADVANCE D-CLASS

The latest d-class design ensures
pure listening pleasure while
keeping a compact size with
unmatched power efficiency



ML POWER 4

D-CLASS FOUR CHANNEL
AMPLIFIER

2000 W
MAX POWER



HRC BM

REMOTE CONTROL BASS
MANAGEMENT

optional for ML Power 1 and
ML Power 5

S8 DSP - DIGITAL SIGNAL PROCESSOR

USS universal
speakers
simulator

de-eq

ULTRA Compact



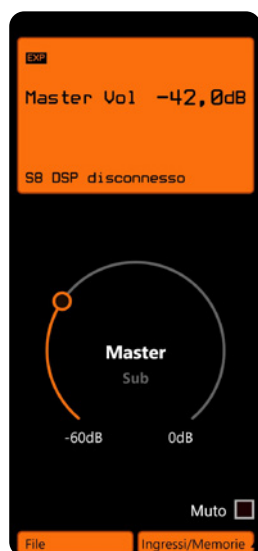
S8 DSP
DIGITAL INTERFACE
PROCESSOR

6 IN / 8 OUT - DIGITAL IN

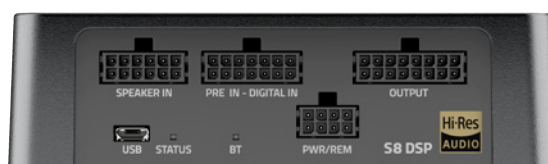
HI-RES AUDIO CERTIFIED



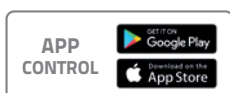
S8 DSP is a distilled essence of technology at the service of the highest audio quality in a corrosion-free case cast in composite materials. S8 DSP processes the audio signal with 96 kHz / 24-bit resolution and has obtained the Hi-Res certification from the JAS (Japan Audio Society), an acknowledgment that certifies the extreme level of audio performance achieved.



Remote control App for Android and Apple allows the user to manage the main functions of the DSP (Volume Master, Volume Sub)



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 player, a solution that allows for maximum listening quality.



Every parameter of the DSP is controlled 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.



H8 DSP - DIGITAL SIGNAL PROCESSOR

HIGH PERFORMANCE OEM INTEGRATION

HERTZ H8 DSP IS CAPABLE OF INTERFACING
WITH ANY ANALOG AND/OR DIGITAL SOURCE,
TRANSFORMING ORDINARY "AUDIO" INTO A
HIGH-PERFORMANCE INTEGRATED SYSTEM

6 IN / 8 OUT - DIGITAL IN

H8 DSP
DIGITAL INTERFACE
PROCESSOR



POWERFUL TUNING SOFTWARE

The simple and intuitive pc-software ensures a wide array of
adjustments to improve the acoustic response of a complex
environment like the car cabin.

H8 DSP provides 8 pre out channels featuring: a 31 band
equalizer, a 66 step electronic crossover and digital time delay
functions.



Thanks to USS technology H8 DSP can also be correctly connected to head units with "speaker load detection" function.



Automatically sums and reverses OEM equalization.



The DRC HE provided allows the control of the main system without the use of a pc.



DRC HE
provided

HERTZ

Cento

Cento Pro
Cento

THE AUTHENTIC HERTZ
SOUND EXPERIENCE
FOR THE YOUNG
CAR HIFI ENTHUSIASTS





Taking advantage of the **state-of-the-art design methods used in the flagship line Mille**, the team of electro-acoustic designers achieved **top performance, never before achieved in this category, to offer real added value.**

HERTZ CENTO IS THE FIRST STEP INTO THE EXCITING WORLD OF IN-CAR LISTENING AT THE HIGHEST LEVELS.

Cento Pro

The top-of-the-range CPK 165 PRO system is dedicated to the ones who do not compromise: at any listening level the CPK 165 PRO will thrill you by recreating the real event in the car compartment.



Cento PRO woofers cone is made of Pressed Paper, a material with excellent damping and lightness characteristics, producing a balanced sound without resonance peaks.



PRO

CPK 165
TWO WAY SYSTEM
315 W

Grille provided



PRO

CPK 690
TWO WAY SYSTEM
360 W

The CPX 165 PRO coax allows the user to enjoy the Hertz Sound Experience when the car does not allow the installation of a two-way kit.



CG 165
optional grille

PRO

CPX 165
COAXIAL
285 W



The three-way coaxial CPX 690 PRO is the best solution for the ones who like enjoy enticing low frequencies.



CG 690
Grille provided

PRO

CPX 690
COAXIAL
360 W



Cento



C 26
COMP TWEETER
120 W

C 26 OE
COMP TWEETER
120 W

C 26 features a 26 mm (1 in.) Tetolon dome with dispersion characteristics optimized on the listening point and a progressive roll-off that favors frequency linearity.

C 26 OE features a geometry designed to maximize performance when the tweeter is installed in a factory placement and includes a cable with built-in 6 dB/Oct. crossover designed to save space in a OEM upgrade scenario.



SPP-M cone material preserves the **natural sound of the semi-pressed paper and enhances it with Mica powder improving rigidity**. The result is an excellent balance between lightness and damping, essential for a powerful and controlled emission.



C 165
COMP WOOFER
210 W



CK 165
2 WAY SYSTEM
285 W



CK 130
2 WAY SYSTEM
210 W



NPP cone membrane gives this component a natural sound, with solid and controlled low frequencies. The enhancement of the magnetic group and voice coil allow the excursion of the woofer to be maximized maintaining utmost control.

C 165 L
COMP WOOFER
240 W



CG 165
optional grille for
C 165 and C 165 L



C 165 F
COMP WOOFER
180 W



CK 165 L
2 WAY SYSTEM
300 W



CK 165 F
2 WAY SYSTEM
270 W

Cento



CS 200 S4
SUBWOOFER
300 W



CG 200
CG 250
CG 300
optional grille



CS 250 S2/S4
SUBWOOFER
600 W

S2 models feature 2 Ω voice coil
S4 models feature 4 Ω voice coil

With the Cento subwoofers even the younger enthusiasts will enjoy an exciting reproduction of low frequencies in their car!

The R&D team succeeded in obtaining very powerful bass frequencies from ultra-compact sealed enclosures, optimizing all the electroacoustic parameters according to the target set.



CS 300 S2/S4
SUBWOOFER
700 W



Cento

The new 24 mm (0.9 in.) Tetolon® dome tweeter delivers a more musical and detailed sound compared to the more traditional plastic materials. The dispersion has been optimized for off-axis listening.



CX 165
2 WAY COAXIAL
210 W



CG 100
CG 165
CG 130
optional grille



CX 100
2 WAY COAXIAL
120 W



CX 130
2 WAY COAXIAL
150 W



Grille Provided



CX 690
2 WAY COAXIAL
300 W



The three-way elliptical coax CX 690 featuring a 6x9 in. cone was designed to achieve maximum performance in horizontal installations and offering, even in this difficult condition, an exceptional tone balance and power handling.



CX 570
2 WAY COAXIAL
210 W



HCP

A GROUND-BREAKING COMBINATION OF COMPACT POWER AND HIGH VALUE

HCP AMPLIFIERS BOAST INNOVATION, CHARACTER AND TRADITION, ALL MERGED IN AN EFFICIENT DESIGN



HCP 5D

D-CLASS
FIVE CHANNEL
AMPLIFIER
1500 W MAX POWER

HCP 1DK

D-CLASS MONO
AMPLIFIER WITH
CROSSOVER
2480 W MAX POWER

HCP 4

FOUR CHANNEL
AMPLIFIER
760 W MAX POWER

HCP 2X

STEREO AMPLIFIER
WITH CROSSOVER
800 W MAX POWER

HCP 4DK

FOUR CHANNEL
AMPLIFIER
2000 W MAX POWER



HRC

SUB VOLUME REMOTE CONTROL
Optional for HCP 1D, HCP 1DK, HCP 5D



HERTZ

HCP



HCP 4D

D-CLASS FOUR
CHANNEL AMPLIFIER
1160 W MAX POWER

HCP 1D

D-CLASS MONO
AMPLIFIER
1400 W MAX POWER

HCP 2

STEREO AMPLIFIER
400 W MAX POWER

The Hertz R&D team employed all of their experience and know-how to provide the most suitable response to satisfy the enthusiasts' needs.



HERTZ

diecì

DIECI.3 EXPRESSES
THE EVOLUTION OF
THE HERTZ BRAND;
A CONTINUOUSLY
CLOSER SYNERGY
WITH OUR CENTO
AND MILLE LINES.





The scrupulous attention to every detail led to a perfect balance between performance and value.

Due to their high efficiency, dieci.3 loudspeakers are easily driven with source unit power and a great match when paired with amplifiers.

diECi



DCX 170.3
2 WAY COAXIAL
100 W

DCX 165.3
2 WAY COAXIAL
120 W

DCX 160.3
2 WAY COAXIAL
120 W

DG 100.3
DG 130.3
DG 165.3
optional grille



DCX 87.3
2 WAY COAXIAL
60 W



DCX 100.3
2 WAY COAXIAL
60 W



DCX 130.3
2 WAY COAXIAL
80 W



DCX 710.3

3 WAY COAXIAL
300 W

DCX 690.3

2 WAY COAXIAL
180 W



DCX 570.3

2 WAY COAXIAL
120 W

DCX 460.3

2 WAY COAXIAL
80 W

HERTZ



DSK 165.3
2 WAY SYSTEM
160 W

DG 130.3
DG 165.3
optional grille



DSK 170.3
2 WAY SYSTEM
160 W



DSK 160.3
2 WAY SYSTEM
160 W



dieci

DBX 30.3
SEALED SUB BOX
1000 W

DBX 25.3
SEALED SUB BOX
600 W



DBA 200.3
ACTIVE SUB BOX
140 W



HERTZ

di2ci



DS 25.3
SUBWOOFER
600 W

DS 30.3
SUBWOOFER
1000 W



DSG 250.3
DSG 300.3
optional grille



DPower

THE ACCESS GATE TO THE HERTZ SIGNATURE POWER



DPOWER 4

D-CLASS FOUR CHANNEL
AMPLIFIER
600 W MAX POWER

DPOWER 1

D-CLASS MONO
AMPLIFIER
600 W MAX POWER



HRC BM

REMOTE CONTROL BASS MANAGEMENT
optional for DPower 1





ULTRA COMPACT

EFFORTLESS INSTALLATIONS
FOR OEM AMP PLACEMENT

VERSATILE X-OVER

THE EFFICIENT D-CLASS LAYOUT
DELIVERS 600 W WITHIN AN
ULTRA-COMPACT CHASSIS

HIGH POWER/SIZE RATIO

THE VERSATILE CROSSOVER FILTER
ENABLES THE USER TO CREATE THE
DESIRED CONFIGURATION



HERTZ

UNO

WHERE
THE SOUND
EXPERIENCE
BEGINS





Designed to be the best factory replacement speakers in their price range, they offer a huge upgrade of the OEM sound quality.

HERTZ

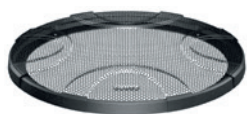


X 165
2 WAY COAXIAL
220 W



X 690
4 WAY COAXIAL
340 W

Grille provided



DG 130.3
DG 165.3
optional grille



X 130
2 WAY COAXIAL
160 W



X 170
2 WAY COAXIAL
200 W

HERTZ

UNO



S 300 S4
SUBWOOFER
1000 W



K 130
2 WAY SYSTEM
220 W



K 170
2 WAY SYSTEM
280 W

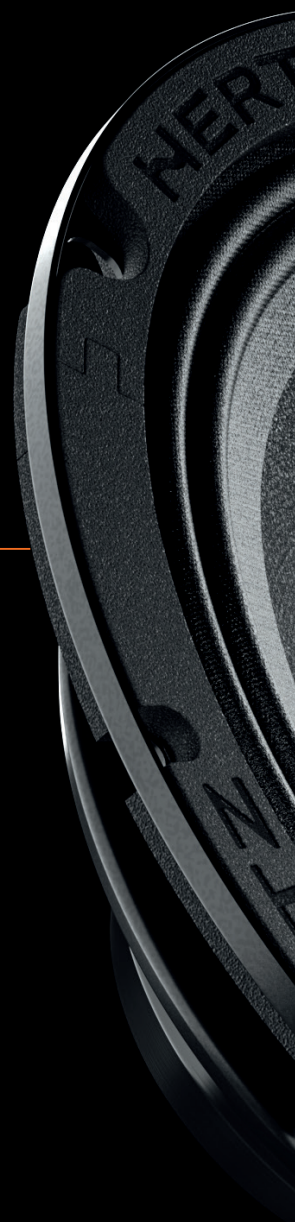


K 165
2 WAY SYSTEM
300 W

HERTZ

SPLshow

A WALL OF SOUND
EVERYWHERE
YOU WANT!





A complete response to the enthusiasts who crave a system especially designed for punishing sound pressure levels (spl), even for the new phenomena of "open door" monsters!



ST 25A NEO

HIGH EFFICIENCY
COMPRESSION DRIVER

100 W

NEO line bullet compression drivers are a totally new project, lighter and compact. They are available with 25 mm voice coil (ST 25 NEO) or 35 mm voice coil (ST 35 NEO),



ST 25K NEO

HIGH EFFICIENCY
COMPRESSION DRIVER

100 W

"Kit" version with metallic mesh grille, inline crossover filter included, torque key included.



ST NEO compression drivers feature superior performance thanks to the use of Neodymium N38 H for the motor units and a FEM (Finite Element Method) optimized driver/horn design.



Bullet tweeters are available in "Active" version (tweeter only), and in "Kit" version, with metallic mesh grille and inline crossover filter included.



ST 35A NEO

HIGH EFFICIENCY
COMPRESSION DRIVER

120 W



ST 35K NEO

HIGH EFFICIENCY
COMPRESSION DRIVER

120 W





SV 165 NEO

SPL MIDRANGE

400 W



UV
RESISTANT



HUMIDITY
RESISTANT



THERMAL
SHOCK
RESISTANT



VIBRATION
PROOF

New SV 165 NEO and SV 200 NEO feature compact dimensions and light weight preserving excellent performance thanks to the use of Neodymium N38 H for the motor units.



The double layer copper voice coil, wound on polyamide former ensures unparalleled power handling.



SV 200 NEO

SPL MIDRANGE

400 W

SX 165 NEO and SX 200 NEO feature a large Hi-SPL 1.4" PEI dome tweeter with resettable solid-state protection circuit and a protective rubber gasket for high SPL and a safe outdoor use.



Grille provided

SX 165 NEO

SPL MIDRANGE

200 W

SX 200 NEO

SPL MIDRANGE

260 W



SX 690 NEO

SPL MIDRANGE

400 W

Grille provided

SX 690.1 NEO is a real beast with a Hi-SPL Mid-Hi unit based on a 1.4" dome tweeter and 1" dome super tweeter with a resettable solid-state protection circuit. The cone is made with nature-proof high stiffness pressed paper featuring innovative water/humidity resistance and anti-UV treatments.

SV SPL mid-range speakers are made to produce tremendous impact and dynamic, for your unlimited project.



SV 165.1
SPL MIDRANGE

400 W

SV SPL mid-range line employs a copper voice coil wound on a two-layer KSV former, for unheard-of thermal and mechanical capability also in extreme circumstances. The cone features a water repellent pressed paper membrane and paper dust caps, both robust and light weight, as well as double-wave damped fabric surrounds to ensure linearity even under extreme conditions, contributing to high SPL scores.



SV 200.1
SPL MIDRANGE

500 W



SV 200L
SPL WOOFER

500 W

The Hertz SV 200L car audio woofers was designed to offer superior performance in terms of both thermal and mechanical capability. The target has been fully hit since the woofer features a pure copper voice coil wound on KSV former, an oversized magnet and a vented bottom plate.



SV 250.1
SPL MIDRANGE

500 W



The SPL Show logo is displayed in a stylized, italicized font. The word 'SPL' is in a bold, orange color, while 'Show' is in a lighter orange or white color. The logo is set against a dark background.

SS 12 D2
SUBWOOFER

2000 W

THE NEW SPL SHOW SUBWOOFERS KNOCK DOWN ANY LIMITS TO FUN, LEAVING ROOM FOR MUSIC ONLY!

The SS 12 D2 and SS 15 D2 subwoofers featuring 30 cm (12 in.) and 38 cm (15 in.) cones respectively are eager to thrill the enthusiasts with their power. The suspension system reinforced with progressive double-layer spiders keeps the performance constant over time, especially in the heavy use typical of Bass Wars events.



Heat dissipation is essential for this type of use and has been maximized thanks to an accurate design. The use of a robust 75 mm (3 in.) dual winding ($2 + 2 \Omega$) voice coil developed in 4-layer configuration on a support with venting holes allows the SS 12 D2 and SS 15 D2 to manage respectively an impressive 2000 W and 2400 W peak power! The basket has been designed for optimal thermal dissipation and high mechanical resistance.

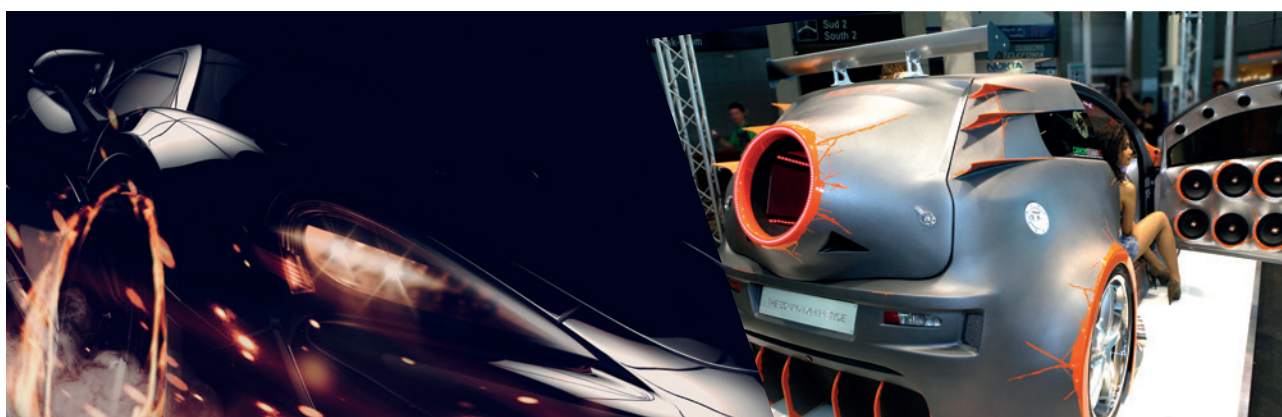
HERTZ

SPL Show



SS 15 D2
SUBWOOFER

2400 W

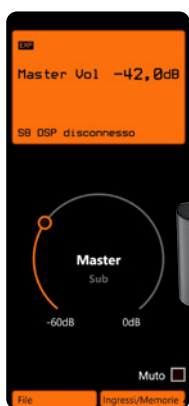




ADC
ADVANCE D-CLASS

SP is the first Hertz amplifier line featuring the renewed Hertz ADC (Advanced D-Class) output stage, reaching up to 85% efficiency and delivering an impressive power rating with an ultra-compact size of 211.6 (8.3) x 130 (5.1) mm (in.). Being ultra-compact with an impressive power, SP line amps are the ideal choice for Motorcycle application and for under-seat in sport cars and behind-seat installations in trucks.

IP55 aluminum chassis for maximum protection against humidity and external agents



S8 DSP is the perfect match for SP amps for motorcycles application



The versatile crossover filters and control knob are all located on a single side, to allow an easy calibration when the product is installed. The filters section includes extremely flexible high-pass and low-pass crossovers, adjustable from 50 Hz to 5 kHz with 12 dB/Oct slope. Together with a bass-boost control (45 Hz, 0÷8 dB), they allow both front channels to be configured for full-range operation, or for use with a subwoofer and related speakers. The high-pass crossover can also be used to optimize the performance of SPL Show NEO high-efficiency coaxial speakers, the perfect partners for the SP line amps.



SP 4.900
4 CH AMPLIFIER

SP 4.500
4 CH AMPLIFIER

SP 1.900
MONO AMPLIFIER

2000 W
MAX POWER

1200 W
MAX POWER

2000 W
MAX POWER



SP line features a built-in sealed power cord, line inputs and speaker outputs for a bulletproof motorcycle application providing safe power delivery in even the worse weather conditions. The solid power supply harness ensures ultra-stable power and ground connection, preventing any loss of contact caused by vibration. Due to its specific design, SP 4.900 is the ultimate option for Motorcycle, Marine, and Powersports applications.



HMR BT

MARINE BLUETOOTH® CONTROLLER / RECEIVER

**2 PRE
OUT**

**Qualcomm®
aptX® HD**

**5.0
Bluetooth**

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.

TWEETER MID-RANGE specifications	Size mm (in.)	Power Handling W	Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Magnet	Dome/Cone
		Peak						
ML 280.3	35 (1.38)	180 (Hi-Pass filtered @ 1,8kHz - 12dB Oct.)	4	1k ÷ 28k	92	28 (1.1)	Neodymium	Tetolon fiber
ML 700.3	70 (3)	100 (Hi-Pass filtered @ 250Hz - 12dB Oct.)	4	200 ÷ 20k	90	20 (0.8)	Neodymium	Pressed-pulp cone with cotton fibers
MP 25.3	29 (1.14)	120 (Hi-Pass filtered @ 2,5kHz - 12dB Oct.)	4	1.4k - 22.5k	91	25 (1)	Neodymium	Tetolon fiber
MP 28.3	35 (1.38)	180 (Hi-Pass filtered @ 1,8kHz - 12dB Oct.)	4	1k - 25k	91	28 (1.1)	Neodymium	Tetolon fiber
MP 70.3	70 (3)	100 (Hi-Pass filtered @ 250Hz - 12dB Oct.)	4	180 - 18k	88	20 (0.8)	Neodymium	Pressed-pulp cone with cotton fibers

WOOFER specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Magnet	Cone
		Peak	Cont. program						
ML 1650.3	165 (6.5)	250	125	4	40 ÷ 6.5k	93	36 (1.4)	Neodymium	Pressed-pulp cone with cotton fibers
ML 1800.3	180 (7)	400	200	4	38 ÷ 6k	93	50 (2)	Neodymium	Pressed-pulp cone with cotton fibers
MP 165.3	165 (6.5)	180	90	4	40 - 5k	93	25 (1)	High density flux ferrite	Pressed-pulp cone with cotton fibers
MP 165P.3	165 (6.5)	200	100	3	45 - 4.5k	94	25 (1)	High density flux ferrite	Pressed-pulp cone with cotton fibers


CROSSOVER specifications	Size mm (in.)	Specific Components	Power Handling W		Crossover Type	Cut-off frequency	Adjustment
			Peak	Continuous			
MLCX2 TW.3	195 x 119 x 41 (7.67 x 4.68 x 1.61)	ML 280.3 ML 1650.3 ML 1800.3	300	150	Lo-pass 6 dB Oct. Hi-pass 12 dB Oct.	2.5 kHz (Mid/Hi-Cont. = ON) 3.5 kHz (Mid/Hi-Cont. = OFF)	Tweeter +2 / 0 / -2 dB Hi-Boost ON / OFF Hi-Contour ON / OFF Mid-Contour ON / OFF Bi-Amp ON / OFF
	Size mm (in.)	Specific Components			Crossover Type	Cut-off frequency	Adjustment
MPCX 2 TM.3	102 x 76.5 x 37 (4.02 x 3.01 x 1.46)	MP 25.3 MP 70.3			Lo-pass 6 dB Oct. Hi-pass 12 dB Oct.	5.5 kHz	Tweeter Level 0 / +2 dB

SYSTEM specifications	Size mm (in.)			Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Crossover included	Adjustment
	Woofers	Midrange	Tweeter	Peak	Continuous					
MLK 1650.3	ML 1650.3 165 (6.5)	-	ML 280.3 35 (1.38)	300	150	4	40 ÷ 28k	93	MLCX 2 TW.3	Tweeter +2 / 0 / -2 dB Hi-Boost ON / OFF Hi-Contour ON / OFF Mid-Contour ON / OFF Bi-Amp ON / OFF
MLK 165.3	ML 165.3 165 (6.5)	-	ML 28.3 35 (1.38)	300	150	4	40 ÷ 25k	92	MLCX 165.3	Tweeter +2 / 0 / -2 dB Hi-Contour ON / OFF
MLK 700.3	-	ML 700.3 70 (3)	ML 280.3 35 (1.38)	200	100	4	200 ÷ 28k	90	MLCX2TM.3	Tweeter Level +2 / 0 / -2 dB Mid-Notch 0 / -4 / -6 dB
MPK 165.3	MP 165.3 165 (6.5)	-	MP 25.3 29 (1.14)	220	110	4	40 ÷ 22,5k	92	MPCX 2.3	Tweeter Level 0 / +2 dB
MPK 165P.3	MP 165P.3 165 (6.5)	-	MP 25.3 29 (1.14)	230	115	3	45 ÷ 22,5k	93	MPCX 2P.3	Tweeter Level 0 / +2.5 dB
MPK 1650.3	MP 165P.3 165 (6.5)	-	MP 28.3 35 (1.38)	250	125	3	45 ÷ 25k	93.5	MPCX 165.3	Tweeter Level +2 / 0 / -2 dB Hi-Contour ON / OFF
MPK 130.3	MP 130.3 130 (5)	-	MP 25.3 29 (1.14)	200	100	4	60 ÷ 22,5k	91	MPCX 2.3	Tweeter Level 0 / +2 dB
MPK 163.3	MP 165.3 165 (6.5)	MP 70.3 70 (3)	MP 25.3 29 (1.14)	300	150	4	40 ÷ 22,5k	92	MPCX 3.3	Tweeter Level 0 / +2 dB Midrange level 0 / +2 dB

COAX specifications	Size mm (in.)			Power Hand. W		Imp. Ω	Freq. Resp. Hz	Sens. dB/SPL	Magnet	Woofers/Cone	Tweeter/Dome
	Woofers	Tweeter	Supertweeter	Peak	Cont.						
MPX 165.3	165 (6.5)	25 (1)	-	200	100	4	45 - 21.5k	92	High density flux ferrite / Neodymium	Pressed-pulp cone with cotton fibers	Tetolon
MPX 690.3	(6 x 9)	35 (1.5)	29 (1.14)	260	130	4	30 - 24k	94			

SUB specifications	Size mm (in.)	Power Handling W		Imp. Ω	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Magnet	Cone	X-mech mm (in.)
		Peak	Cont. program						
ML 2000.3	200 (8)	1400	700	4	86	100 (4)	Neodymium	Mineral-injected paper	23 (0.9)
ML 2500.3	250 (10)	1400	700	4	88	100 (4)	Neodymium	Mineral-injected paper	27 (1.06)
MP 250 D2.3 MP 250 D4.3	250 (10)	1200	600	2+2 4+4	83,5	65 (2.5)	High density flux ferrite	Pressed-pulp cone with mineral powders	27 (1.06)
MP 300 D2.3 MP 300 D4.3	300 (12)	1200	600	2+2 4+4	85,5	65 (2.5)	High density flux ferrite	Pressed-pulp cone with mineral powders	27 (1.06)
MPS 250 S2	250 (10)	1000	500	2	82.5	38 (1.5)	High density flux ferrite	Polypropylene	20 (0.79)
MPS 250 S4	250 (10)	1000	500	4	83.5	38 (1.5)	High density flux ferrite	Polypropylene	20 (0.79)
MPS 300 S2	300 (12)	1000	500	2	84.5	38 (1.5)	High density flux ferrite	Polypropylene	20 (0.79)
MPS 300 S4	300 (12)	1000	500	4	85	38 (1.5)	High density flux ferrite	Polypropylene	20 (0.79)

SUB BOX specifications	Size mm (in.)	Power Handling W		Imp. Ω	Sensitivity dB/SPL	Box Size mm (in.)	Magnet	Cone
		Peak	Cont. program					
MPBX 250 S2	250 (10)	1000	500	2	86	531 x 160 x 361 (20.91 x 6.3 x 14.21)	High density flux ferrite	Polypropylene
MPBX 300 S2	300 (12)	1000	500	2	85	607 x 175 x 401 (29.90 x 6.89 x 15.79)		

AMP specifications			ML POWER 1	ML POWER 4	ML POWER 5
Channel Mode			1	4 - 3 - 2	5 - 3
Output Power (RMS) @ 14.4 VDC	@ 4 Ω	W x ch	600 x 1	150 x 4	70 x 4 + 380 x 1
	@ 2 Ω	W x ch	1000 x 1	250 x 4	100 x 4 + 550 x 1
	@ 1 Ω	W x ch	1000 x 1	-	-
	@ 4 Ω	W x ch (3 ch)	-	150 x 2 + 500 x 1	-
	@ 2 Ω + 4 Ω	W x ch (3 ch)	-	250 x 2 + 500 x 1	-
	@ 4 Ω + 2 Ω	W x ch (3 ch)	-	-	200 x 2 + 550 x 1
	@ 4 Ω	W x ch (2 ch)	-	500 x 2	-
Filters	Bypass		-	Yes	A&B: Yes
	Hi-Pass	Hz @ dB/Oct.	-	A: 50 ÷ 5k @ 12 B: 80 ÷ 3.3k @ 12	A: 40 ÷ 150 @ 12 B: 80 ÷ 3.3k @ 12
	Lo-Pass	Hz @ dB/Oct.	40 ÷ 150 @ 24	A: 50 ÷ 5k @ 12 B: 80 ÷ 3.3k @ 12	C: 40 ÷ 150 @ 24
	Band-Pass	Hz @ dB/Oct.	-	-	A: 40 ÷ 150 (Hi) @ 12 80 ÷ 3.3k (Lo) @ 12
Subsonic	Hi-Pass	Hz @ dB/Oct.	18 ÷ 40 @ 24	-	-
Sub Volume Remote Control Optional		(-50 ÷ 6) dB	Yes	-	Yes
Pre-Out	Bypass		Yes	Yes	-
Phase	Degree		0 ÷ 180	-	-
Distortion - THD	100 Hz @ 4 Ω	%	0.08	0.08	0.08
S/N Ratio	Sensitivity @ 1 V RMS	dBA	103	100	A&B: 100 - C: 106
Damping factor	100 Hz @ 4 Ω		100	50	A&B: 50 - C: 100
Size W x D x H		mm	170 x 349 x 46,7	170 x 289 x 46,7	170 x 349 x 46,7
		in.	6.7 x 13.5 x 1.8	6.7 x 11.2 x 1.8	6.7 x 13.5 x 1.8
	RMS Output Power	4 Ω , \leq 1% THD +N, 14.4 V	W x ch	600 x 1	120 x 4
	S/N Ratio	Ref. 1 W Output	dBA	83.5	80
					60 W: 80 - 310 W: 84

S8 DSP

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 µA
OFF current (ART™= ON):	<80 µA
Remote IN:	6 ÷ 20 VDC (10 mA)
Remote OUT:	4 ÷ 20 VDC (150 mA)
ART - Automatic Remote Turn on/off from BTL speaker 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.

OUTPUT STAGE

Low level (Pre Out):	8 RCA outputs
Output Equalizer	15 poles Parametric EQ: ±12 dB; 20 ÷ 20 kHz
Output Signal Limiter	Yes (Selectable)

CROSSOVER

Filter type:	Full / Hi-Pass / Low-Pass / Band Pass
Filter mode and slope:	Linkwitz @ 12 / 24 dB Butterworth @ 6 / 12 / 18 / 24 / 30 dB Bessel @ 6 / 12 / 18 / 24 / 30 dB
Crossover frequencies:	20 ÷ 20 k Hz (120 step)
Phase control:	0° / 180°

EQUALIZER (20 HZ ÷ 20 kHz)

Inputs:	Parametric EQ: +12 dB ÷ -12 dB; 7 poles (for each input channel)
Outputs:	Parametric EQ: +12 dB ÷ -12 dB; 15 poles (for each output channel)

GENERAL

Memory Preset:	4 x Preset
Memory Preset selection:	Through the Control Software or by wire
Input Selection:	Through the Control Software or by wire

TIME ALIGNMENT

Distance:	0 ÷ 471.5 cm / 0 ÷ 185.5 in.
Delay:	0 ÷ 13.58 ms
Step:	0.02 ms, 0.7 cm / 0.27 in.

GENERAL REQUIREMENTS

PC connections:	1 x USB 1,1 / 2,0 / 3,0 Compatible or Bluetooth 5.0 BLE
Software / PC requirements:	Microsoft Windows (32/64 bit): Windows 10 (USB and BT BLE) Windows 11 (USB and BT BLE) Mac Os: 10.13 Hight Sierra or later (USB and BT BLE)
Minimum mobile device requirements:	Android OS 7 or later (USB OTG and BT BLE), iOS 12 or later (BT BLE)
Video Resolution with screen resize	min. 1024 x 600
Ambient operating temperature range	0° C to 55° C / (32° F to 131° F)

SIZE / WEIGHT

Max size W x H x D (mm/inch):	130 x 37 x 88.3 / 5.12 x 1.45 x 3.48
Weight (kg/lb):	0.66 / 1.45

H8 DSP

POWER SUPPLY

Operating power supply voltage	10.8 ÷ 14.4 VDC
Power supply	7.5 ÷ 15 VDC
Idling current	0.4 A
Switched off without DRC	2.5 mA
Switched off with DRC	4 mA
Remote IN voltage	6.5 ÷ 15 VDC (1.3 mA)
Remote OUT voltage	12 VDC (130 mA)

SIGNAL STAGE

Distortion - THD @ 1 kHz, 1V RMS Output	0,005%
Bandwidth @ -3 dB	10 ÷ 22k Hz
S/N Ratio @ A weighted	
Digital input	105 dBA
Master Input	95 dBA
AUX Input	96 dBA
Channel Separation @ 1 kHz	85 dB
Input sensitivity (Speaker In)	2 ÷ 15 V RMS
Input sensitivity (AUX In)	0,6 ÷ 5 V RMS
Input impedance (Speaker In)	2,2 kΩ
Input impedance (AUX)	15 kΩ
Max Output Level (RMS) @ 0.1% THD	4 V RMS

INPUT STAGE

4 High Level (Speaker)	FL - FR - RL - RR
Low Level (Pre)	AUX IN
Digital Optical IN (S/PDIF max 96 kHz/24bit)	OPTICAL IN

OUTPUT STAGE

8 Low Level Pre (default)	FRONT TW L/R, FRONT WF L/R REAR L/R, SUB, CENTER
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CONNECTIONS

From / To Personal Computer	1 x USB / B
DRC HE	Audio controls and Memory / Inputs selection
Optical / AUX select	Optical In / Aux wire control + 12V / GND enable
Memory A / Memory B	Memory A / B wire control + 12V / GND enable

CROSSOVER N.8 (one for each output channel)

Filter Type	Full / High Pass / Low Pass / Band Pass
Filter mode and slope	Linkwitz @ 12 / 24 dB Butterworth @ 6 / 12 / 18 / 24 dB
Crossover frequency	68 steps @ 20 ÷ 20k Hz
Phase control	0° ÷ 180°

EQUALIZER

Hi-Level input (Speaker In)	Automatic De-Equalization
Outputs	8 Graphic: ±12 dB @ 31 Band ISO 1/3 Oct. 20 ÷ 20k Hz

TIME ALIGNMENT

Distance	0 ÷ 510 cm / 0 ÷ 200.8 inch
Delay	0 ÷ 15 ms
Step	0.08 ms; 2,8 cm / 1.1 inch
Fine set	0.02 ms; 0,7 cm / 0.27 inch

GENERAL REQUIREMENTS

PC connections	USB 1.1 / 2.0 / 3.0 Compatible
Software/PC requirements	Microsoft Windows (32/64 bit): XP, Vista, 7, 8, 10
Graphic card min. resolution	800 x 600
Ambient operating temperature range	0 °C to 55 °C (32°F to 131°F)

SIZE

W (Width) x H (Height) x D (Depth) mm/inch	191 x 34 x 131 / 7.51" x 1.33" x 4.76"
Weight kg/lb	0,6 / 1.322

TWEETER specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	\varnothing Voice Coil mm (in.)	Magnet	Dome/Cone
		Peak							
C 26	26 (1)	120 (Hi-Pass filtered @ 2,5kHz - 12 dB Oct.)		4	1.8k ÷ 22.5k	92	20 (0.8)	Neodymium	Tetolon
C 26 OE	26 (1)	120 (Hi-Pass filtered @ 2,5kHz - 12 dB Oct.)		4	1.8k ÷ 22.5k	92	20 (0.8)	Neodymium	Tetolon


WOOFER specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	\varnothing Voice Coil mm (in.)	Magnet	Cone
		Peak	Cont. program						
C 165 L	165 (6.5)	240	80	4	50 ÷ 5k	91	25 (1)	High density flux ferrite	Non-pressed paper
C 165 F	165 (6.5)	180	70	4	65 ÷ 4,5k	93	25 (1)	High density flux ferrite	Semi-Pressed paper with Mica
C 165	165 (6.5)	210	70	4	55 ÷ 7k	93	25 (1)	High density flux ferrite	Semi-pressed paper+ Mica

SYSTEM specifications	Size mm (in.)			Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Crossover included	Adjustment
	Woofers	Midrange	Tweeter	Peak	Continuous					
CPK 165	CP 165 165 (6.5)	-	CP 25 29 (1.14)	315	105	4	45 ÷ 22,5k	92,5	CPCX 2	Tweeter -2, 0, +2 dB
CPK 690	CP 690 (6x9)	-	CP 25 29 (1.14)	360	120	4	35 ÷ 22,5k	92,5	CPCX 690	Tweeter -2, 0, +2 dB
CK 165 L	C 165 L 165 (6.5)	-	C 26 26 (1)	300	100	4	50 ÷ 22,5k	91	CCX 2 W	Tweeter 0, +3 dB
CK 165 F	C 165 F 165 (6.5)	-	C 26 26 (1)	270	90	4	65 ÷ 22,5k	93	CCX 2	Tweeter 0, +3 dB
CK 165	C 165 165 (6.5)	-	C 26 26 (1)	285	95	4	55 ÷ 22,5k	93	CCX 2	Tweeter 0, +3 dB
CK 130	C 130 130 (5)	-	C 26 26 (1)	210	70	4	65 ÷ 22,5k	92,5	CCX 2	Tweeter 0, +3 dB

COAX specifications	Size mm (in.)			Power Hand. W		Imp. Ω	Freq. Resp. Hz	Sens. dB/SPL	Magnet	Woofers/Cone	Tweeter/Dome
	Woofers	Tweeter	Supertweeter	Peak	Cont.						
CPX 165	165 (6.5)	24 (0.9)	-	285	95	4	45 ÷ 22k	92	High density flux ferrite / Neodymium	Water repellent pressed paper	Tetolon
CPX 690	(6 x 9)	32 (1.26)	24 (0.9)	360	120	4	35 ÷ 24k	94			
CX 100	100 (4)	24 (0.9)	-	120	40	4	80 ÷ 22k	92	High density flux ferrite / Neodymium	Semi Pressed Paper-Mica	PEI
CX 130	130 (5)	24 (0.9)	-	150	50	4	65 ÷ 22k	92,5			
CX 165	165 (6.5)	24 (0.9)	-	210	70	4	55 ÷ 22k	93			
CX 570	(5 x 7)	24 (0.9)	-	210	70	4	55 ÷ 22k	93,5			
CX 690	(6 x 9)	40 (1.58)	20 (0.8)	300	100	4	40 ÷ 23k	94,5			

SUB specifications	Size mm (in.)	Power Handling W		Imp. Ω	Sensitivity dB/SPL	\varnothing Voice Coil mm (in.)	Magnet	Cone	X-mech mm (in.)
		Peak	Cont. program						
CS 200 S4	200 (0.8)	300	150	4	84	35 (1.38)	High Density Flux Ferrite	Polypropylene	11,5 (0.45)
CS 250 S2	250 (10)	600	300	2	84	35 (1.38)	High Density Flux Ferrite	Polypropylene	16,5 (0.65)
CS 250 S4				4					
CS 300 S2	300 (12)	700	350	2	86,5	35 (1.38)	High Density Flux Ferrite	Polypropylene	16,5 (0.65)
CS 300 S4				4					

AMP specifications			HCP 1DK	HCP 1D	HCP 2X	HCP 2
Channel Mode			1	1	2 - 1	2 - 1
Output Power (RMS) @ 14.4 VDC	@ 4Ω	W x ch	740 x 1	380 x 1	120 x 2	65 x 2
	@ 2Ω	W x ch	1240 x 1	700 x 1	200 x 2	100 x 2
	@ 4Ω	W x ch (3 ch)	-	-	-	-
	@ 2Ω + 4Ω	W x ch (3 ch)	-	-	-	-
	@ 4Ω + 2Ω	W x ch (3 ch)	-	-	-	-
	@ 4Ω	W x ch (2 ch)	-	-	-	-
Filters	@ 4Ω	W x ch (mono)	-	-	400 x 1	200 x 1
	Bypass		Yes	Yes	Yes	Yes
	Hi-Pass	Hz @ dB/Oct.	-	-	50 ÷ 3,2k @ 12	80 @ 12
	Lo-Pass	Hz @ dB/Oct.	50 ÷ 250 @ 24	50 ÷ 250 @ 24	50 ÷ 3,2k @ 12	50 ÷ 500 @ 12
	Band-Pass	Hz @ dB/Oct.	-	-	-	-
Subsonic	Hi-Pass	Hz @ dB/Oct.	25 @ 24	25 @ 24	-	-
Boost	dB	gain @ 50 Hz	0 ÷ 6	0 ÷ 12	0/3/6	0 / 6 / 12
Sub Volume Remote Control		(-50 ÷ 6) dB	Yes	Yes	-	-
Phase	Degree		0 ÷ 180	0 ÷ 180	-	-
Pre-Out	Bypass		-	-	Yes	Yes
	Hi-Pass	Hz @ dB/Oct.	50 ÷ 250 @ 12	50 ÷ 250 @ 12	50 ÷ 3,2k @ 12	-
	Lo-Pass	Hz @ dB/Oct.	-	-	50 ÷ 3,2k @ 12	-
Distortion - THD	100 Hz @ 4Ω	%	0.25	0.2	0.03	0.01
S/N Ratio	Sensitivity @ 1 V RMS	dB	100	100	105	103
Damping factor	100 Hz @ 4Ω		100	80	300	200
Size W x D x H		mm	315 x 190 x 50	215 x 190 x 50	315 x 190 x 50	215 x 190 x 50
		in.	12.40 x 7.48 x 1.97	8.46 x 7.48 x 1.97	12.40 x 7.48 x 1.97	8.46 x 7.48 x 1.97
 RMS Output Power S/N Ratio	4Ω, ≤1% THD +N, 14.4 V	W x ch	600 x 1	300 x 1	100 x 2	50 x 2
	Ref. 1 W Output	dB	80	80	83	82

AMP specifications			HCP 4D	HCP 4	HCP 4DK	HCP 5D
Channel Mode			4 - 3 - 2	4 - 3 - 2	4 - 3 - 2	5 - 3
Output Power (RMS) @ 14.4 VDC	@ 4Ω	W x ch	85 x 4	65 x 4	150 x 4	65 x 4 + 200 x 1
	@ 2Ω	W x ch	145 x 4	95 x 4	250 x 2	105 x 4 + 330 x 1
	@ 4Ω	W x ch (3 ch)	85 x 2 + 290 x 1	65 x 2 + 190 x 1	150 x 4 + 520 x 1	210 x 2 + 200 x 1
	@ 2Ω + 4Ω	W x ch (3 ch)	145 x 2 + 290 x 1	95 x 2 + 190 x 1	250 x 2 + 520 x 1	-
	@ 4Ω + 2Ω	W x ch (3 ch)	-	-	-	210 x 2 + 330 x 1
	@ 4Ω	W x ch (2 ch)	290 x 2	190 x 2	520 x 2	-
Filters	@ 4Ω	W x ch (mono)	-	-	-	-
	Bypass		Yes	Yes	Yes	Yes
	Hi-Pass	Hz @ dB/Oct.	A/B: 50 ÷ 3.2k @ 12	A/B: 80 @ 12	A/B: 50 ÷ 3.2k @ 12	A: 50 ÷ 5k @ 12 B: 50 ÷ 500 @ 12
	Lo-Pass	Hz @ dB/Oct.	A/B: 50 ÷ 3.2k @ 12	A/B: 50 ÷ 500 @ 12	A/B: 50 ÷ 3.2k @ 12	C: 50 ÷ 500 @ 24
	Band-Pass	Hz @ dB/Oct.	-	-	-	B: 50 ÷ 500 (Hi) @ 12 B: 50 ÷ 5k (Lo) @ 12
Subsonic	Hi-Pass	Hz @ dB/Oct.	-	-	-	25 @ 24
Boost	dB	gain @ 50 Hz	0 ÷ 12	0 / 6 / 12	0 ÷ 12	0 ÷ 12
Sub Volume Remote Control Optional		(-50 ÷ 6) dB	-	-	-	Yes
Phase	Degree		-	-	-	-
Pre-Out	Bypass		Yes	Yes	-	No
	Hi-Pass	Hz @ dB/Oct.	-	-	Yes	-
Distortion - THD	100 Hz @ 4Ω	%	0.02	0.01	0.01	0.02
S/N Ratio	Sensitivity @ 1 V RMS	dB	100	103	105	100
Damping factor	100 Hz @ 4Ω		200	120	200	A&B: 100 - C: 250
Size W x D x H		mm	215 x 190 x 50	315 x 190 x 50	315 x 190 x 50	345 x 190 x 50
		in.	8.46 x 7.48 x 1.97	12.40 x 7.48 x 1.97	12.40 x 7.48 x 1.97	13.58 x 7.48 x 1.97
 RMS Output Power S/N Ratio	4Ω, ≤1% THD +N, 14.4 V	W x ch	70 x 4	50 x 4	110 x 4	50 x 4 + 150 x 1
	Ref. 1 W Output	dB	80	82	85	A&B: 83 - C: 85

COMP specifications	Size mm (in.)	Power Handling W	Imp. Ω	Freq. Resp. Hz	Sens. dB/SPL	Magnet	Cone/Dome WF/TW	Crossover included
	Tweeter	Peak						
DT 24.3	24 (0.9)	80 (Hi-pass filt. @ 3,5 kHz - 6 dB/Oct.)	4	3k ÷ 23k	94	Neodymium	PEI	3,5kHz - 6 dB Oct.

SYSTEM specifications	Size mm (in.)		Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Magnet	Cone/Dome WF/TW	Crossover included
	Woofer	Tweeter	Peak	Continuous						
DSK 130.3	DV 130.3 130 (5)	DT 24.3 24 (0.9)	120	60	4	60 ÷ 23k	93	High density flux ferrite / Neodymium	Water repellent pressed paper/PEI	3,5kHz - 12 dB Oct.
DSK 160.3	DV 160.3 160 (6)	DT 24.3 24 (0.9)	160	80	4	50 ÷ 23k	93			3,5kHz - 12 dB Oct.
DSK 165.3	DV 165.3 165 (6.5)	DT 24.3 24 (0.9)	160	80	4	50 ÷ 23k	93			3,5kHz - 12 dB Oct.
DSK 170.3	DV 170.3 170 (6.7)	DT 24.3 24 (0.9)	160	80	4	50 ÷ 23k	93			3,5kHz - 12 dB Oct.

COAX specifications	Size mm (in.)			Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Magnet	Cone/Dome WF/TW
	Woofer	Tweeter	SuperTweeter	Peak	Continuous					
DCX 87.3	87 (3.4)	24 (0.9)	-	60	30	4	130 ÷ 21k	92	High density flux ferrite / Neodymium	Water repellent pressed paper/ PEI
DCX 100.3	100 (4)	24 (0.9)	-	60	30	4	70 ÷ 21k	92		
DCX 130.3	130 (5)	24 (0.9)	-	80	40	4	65 ÷ 21k	93		
DCX 160.3	160 (6)	24 (0.9)	-	120	60	4	50 ÷ 21k	93		
DCX 165.3	165 (6.5)	24 (0.9)	-	120	60	4	60 ÷ 21k	93		
DCX 170.3	170 (6.7)	24 (0.9)	-	100	50	4	60 ÷ 21k	93		
DCX 460.3	(4 x 6)	24 (0.9)	-	80	40	4	65 ÷ 21k	93	High density flux ferrite / Neodymium	Water repellent pressed paper/PEI
DCX 570.3	(5 x 7)	24 (0.9)	-	120	60	4	60 ÷ 21k	93		
DCX 690.3	(6 x 9)	60 (2.5)	15 (0.6)	180	90	4	45 ÷ 21k	93		
DCX 710.3	(7 x 10)	60 (2.5)	15 (0.6)	300	150	4	40 ÷ 21k	93		

SUB specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Magnet	Cone	X-mech mm (in.)
		Peak	Cont. prog.							
DS 25.3	250 (10)	600	150	4	32 ÷ 400	89	38 (1.5)	High density flux ferrite	Polypropylene with Mica injection	16 (0.63)
DS 30.3	300 (12)	1000	250	4	28 ÷ 300	91	38 (1.5)			16 (0.63)

SUB BOX specifications	Speaker Size mm (in.)	Passive Radiator Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Box Size mm (in.)	Magnet	Cone
			Peak	Cont. prog.						
DBA 200.3	200 (8)	200 (8) x 2	140	-	4	32 ÷ 400	92	293 x 330 x 263 (13 x 11.6 x 10.4)	High density flux ferrite	Water repellent pressed paper
DBX 25.3	250 (10)	-	600	150	4	32 ÷ 400	89	443 x 227 x 298 (17.4 x 8.9 x 11.7)		
DBX 30.3	300 (12)	-	1000	250	4	28 ÷ 300	91	484 x 227 x 343 (19 x 8.9 x 13.5)		

AMP specifications			DPOWER 1	DPOWER 4
Channel Mode			1	4 - 2
Output Power (RMS) @ 14.4 VDC	@ 4Ω	W x ch	180 x 1	60 x 4
	@ 2Ω	W x ch	300 x 1	75 x 4
	@ 4Ω	W x ch (2 ch)	-	150 x 2
Filters	FULL		Max 500 Hz	Yes
	Hi-Pass	Hz @ dB/Oct.	-	B: 40 ÷ 220 @ 12
	Lo-Pass	Hz @ dB/Oct.	50 ÷ 220 @ 12	A: 40 ÷ 220 @ 12 B: 40 ÷ 220 @ 12
Bass Boost	dB	gain @ 45 Hz	0 ÷ 12	-
Sub Volume Remote Control Optional			Yes	-
Pre-Out	Bypass		Yes	-
Distortion - THD	100 Hz @ 4Ω	%	0.1	0.2
S/N Ratio	Sensitivity @ 1 V RMS	dBA	105	95
Damping factor	100 Hz @ 4Ω		100	60
Size W x D x H		mm	222,2 x 160 x 50,5	222,2 x 142 x 50,5
		in.	8.75 x 6.3 x 1.99	8.75 x 5.59 x 1.99

COAX specifications	Size mm (in.)			Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Magnet WF/TW	Woofers/ Cone	Tweeter/ Dome
	Woofers	Tweeter	SuperTweeter	Peak	Cont. prog.						
X 130	130 (5)	24 (0.9)	-	160	40	4	60 ÷ 21k	93	High density flux ferrite / Neodymium	Water repellent pressed paper	PEI
X 165	165 (6.5)	24 (0.9)	-	220	55	4	60 ÷ 21k	93.5			
X 170	170 (6.7)	24 (0.9)	-	200	50	4	60 ÷ 21k	93.5			
X 690	(6 x 9)	40 (1.6)	2 x 15 (0.6)	340	85	4	45 ÷ 22k	94	High density flux ferrite		

SYSTEM specifications	Size mm (in.)		Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Magnet	Cone/Dome WF/TW	Crossover included
	Woofers	Tweeter	Peak	Continuous						
K 130	V 130 130 (5)	T 24 24 (0.9)	220	55	4	55 ÷ 23k	93	High density flux ferrite / Neodymium	Water repellent pressed paper/PEI	6 dB/Oct. tweeter integrated
K 165	V 165 165 (6.5)	T 24 24 (0.9)	300	75	4	55 ÷ 23k	93.5			6 dB/Oct. tweeter integrated
K 170	V 170 170 (6.7)	T 24 24 (0.9)	280	70	4	55 ÷ 23k	93.5			6 dB/Oct. tweeter integrated

SUB specifications	Size mm (in.)	Power Handling W		Imp. Ω	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Magnet	Cone	X-mech mm (in.)
		Peak	Cont. prog.						
S 300 S4	300 (12)	1000	250	4	89.5	38 (1.5)	High density flux ferrite	Painted Pressed Paper Pulp	±15,1 (0.59)

TWEETER specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	\varnothing Voice Coil mm (in.)	Magnet	Cone
		Peak	Cont. prog.						
ST 25A NEO	44 (1.8)	100 (Hi-Pass filtered @ 5 kHz - 12 dB/Oct.)	-	4	3k \div 20k	107	25 (1)	Neodymium	Aluminium
ST 25K NEO	44 (1.8)	100 (Hi-Pass filtered @ 5 kHz - 12 dB/Oct.)	-	4	3k \div 20k	107	25 (1)		
ST 35K NEO	46 (1.9)	100 (Hi-Pass filtered @ 4.5 kHz - 12 dB/Oct.)	-	4	2.5k \div 20k	109	35 (1.4)		
ST 35A NEO	46 (1.9)	100 (Hi-Pass filtered @ 4.5 kHz - 12 dB/Oct.)	-	4	2.5k \div 20k	109	35 (1.4)		

COAX specifications	Size mm (in.)			Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Magnet WF/TW	Woofer/Cone	Tweeter/Dome
	Woofer	Tweeter	SuperTweeter	Peak	Cont. prog.						
SX 165 NEO	165 (6.5)	35 (1.4)	-	200	100	4	100 \div 20k	96.5	Neodymium	Water repellent pressed paper	PEI
SX 200 NEO	200 (8)	35 (1.4)	-	260	130	4	100 \div 20k	99.5			
SX 690 NEO	6 x 9	29 (1.14)	20 (0.8)	260	130	4	65 \div 24k	94			

COMP specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	\varnothing Voice Coil mm (in.)	Magnet	Cone
		Peak	Cont. prog.						
SV 165 NEO	165 (6.5)	200	150	4	150 \div 20k	96	38 (1.5)	Neodymium	Water repellent pressed paper
SV 200 NEO	200 (8)	500	200	4	100 \div 8k	100	38 (1.5)		
SV 165.1	165 (6.5)	400 (Hi-Pass filtered @ 200 Hz - 12 dB/Oct.)	150	4	100 \div 10k	97	38 (1.5)	High density flux ferrite	Ultra Light pressed paper
SV 200.1	200 (8)	500 (Hi-Pass filtered @ 150 Hz - 12 dB/Oct.)	200	4	100 \div 9k	100	38 (1.5)		Ultra Light non-pressed paper
SV 200L	200 (8)	500 (Hi-Pass filtered @ 150 Hz - 12 dB/Oct.)	250	4	45 \div 4,5k	94,5	50 (2)		Ultra Light non-pressed paper
SV 250.1	250 (10)	500 (Hi-Pass filtered @ 150 Hz - 12 dB/Oct.)	250	4	90 \div 7k	101	50 (2)		Ultra Light pressed paper

SUB specifications	Size mm (in.)	Power Handling W		Imp. Ω	Sensitivity dB/SPL	\varnothing Voice Coil mm (in.)	Magnet	Cone	X-mech mm (in.)
		Peak	Cont. prog.						
SS12 D2	300 (12)	2000	1000	2 + 2	86	75 (3)	Double magnet, high density flux ferrite	Pressed paper	10,6 (0.42)
SS 15 D2	380 (15)	2400	1200	2 + 2	88				

AMP specifications				SP 4.900	SP 4.500	SP 1.900
Channel Mode				4 - 3 - 2	4 - 3 - 2	1
Output Power	@ 4 Ω	W x ch		160 x 4	90 x 4	600
	@ 2 Ω	W x ch		250 x 4	150 x 4	1000
	@ 1 Ω	W x ch		-	-	1000
	@ 4 Ω	W x ch		160 x 2 + 500 (4 Ω)	80 x 2 + 330 x 1	-
	@ 2 Ω	W x ch		250 x 2 + 500 (4 Ω)	145 x 2 + 300 x 1	-
	@ 4 Ω	W x ch (bridge)		500 x 2	300 x 2	-
Filters	Bypass			Yes	Yes	Yes
	Hi-Pass	Hz @ dB/Oct.		50 \div 5k @ 12	50 \div 5k @ 12	-
	Lo-Pass	Hz @ dB/Oct.		50 \div 5k @ 12	50 \div 5k @ 12	50 \div 250 @ 24
Bass Boost		dB @ 45Hz		0 \div 8	0 \div 8	0 \div 8
Subsonic filter		Hz @ dB/Oct.		-	-	25 @ 24
Distortion - THD	1 kHz @ 4 Ω	%		0.02	<0.02	<0.1
S/N Ratio	Sensitivity @ 1 V RMS	dBA		105	>100	>95
Damping factor	100 Hz @ 4 Ω			200	>150	>300
Size W x D x H		mm		211.6 x 130 x 49	191.6 x 130 x 49	211.6 x 130 x 49
		in.		8.3 x 5.2 x 1.9	7.54 x 5.2 x 1.9	8.3 x 5.2 x 1.9



Elettromedia headquarters and R&D department

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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.

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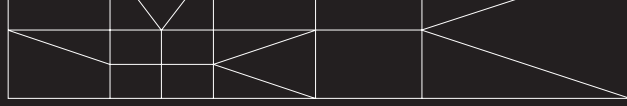


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