audison

bit Play HD

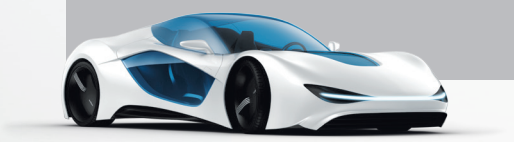
NEW 2016 SOFTWARE EDITION

Totally revised user interface to improve the in-car usability

bit

PRODUCT INFORMATION

Elettromedia January 2016



www.audison.eu

Full DA HD

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in Italia

bit

bit Play HD

PRODUCT INFORMATION

Elettromedia January 2016

Audison bit Play HD: the new standard in mobile High Definition Audio.	3
Total connectivity	4
Audison App: the future of mobile audio integration	4
Audison bit Play HD: In-car media server	5
OEM integration	6
Audison bit Play HD remote controller	6
bit Play HD	7
About us	10
Press Kit	11

Full DA HD

All specifications subject to change without notice_16.A

Technology, Art & Sound
Manufactured by elettromedia Italy

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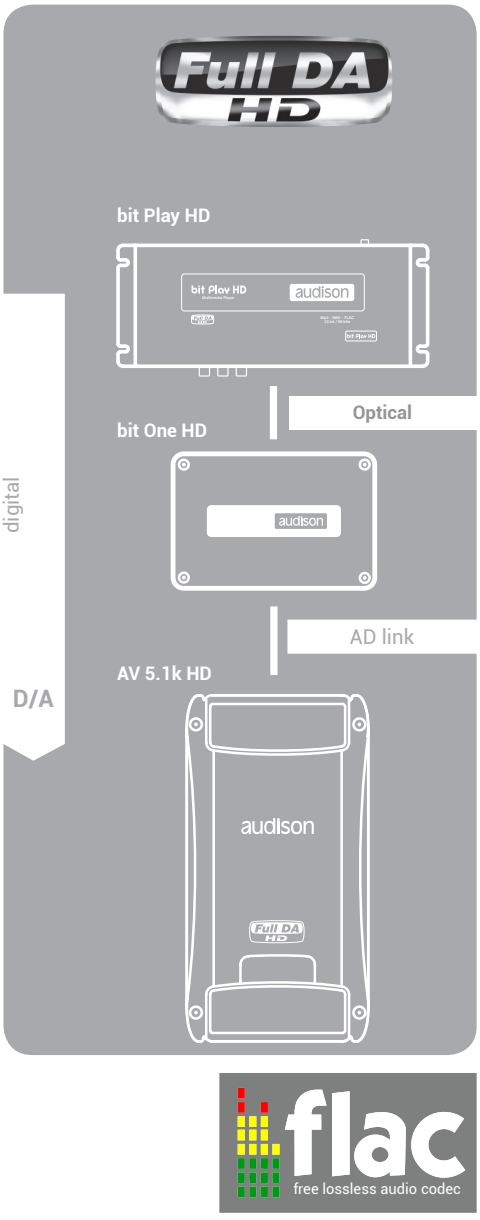

flac
free lossless audio codec

Audison bit Play HD: the new standard in mobile High Definition Audio.

Since Audison introduced the **Full DA technology**, the world of car audio has been able to appreciate the advantages of a system where loss of quality due to double conversions from analog to digital and vice versa no longer exists, and the signal is processed and carried exclusively to the amplifiers in the digital domain, eliminating any possible propagation of noise.

The Full DA technology has laid the foundation for reaching new heights of fidelity in car music reproduction, but until now the potential of the system has been restricted by the audio CD standard (16 bit /44.1 kHz).

Listening to **high-resolution audio tracks** is an enlightening experience. By going **from 16 to 24 bits** and using **sampling rates higher than CDs**, the sound immediately acquires a new level of realism. The increased amount of information allows you to recreate a three-dimensional virtual stage and gives the sound greater harmonic richness combined with a **higher dynamic range than CDs**.

To date there are no sources allowing you to manage digital audio in high resolution. Audison wants to give all fans the opportunity to enjoy **HD files without compression**: for this reason the research and development department created the bit Play HD, the first **high resolution media player** specifically developed for **in car application**.

By connecting the bit Play HD optical output to a an Audison bit One HD, you create a Full DA HD system able to reach a new standard of quality that goes well beyond CDs inasmuch as being capable of **playing encoded FLAC audio files up to 24 bit / 96 kHz**.

FLAC is a lossless algorithm recognized as a standard for encoding high resolution liquid music. It allows you to save up to 50% of the space without any loss of audio quality and is ideal to store your entire music collection without any compression.

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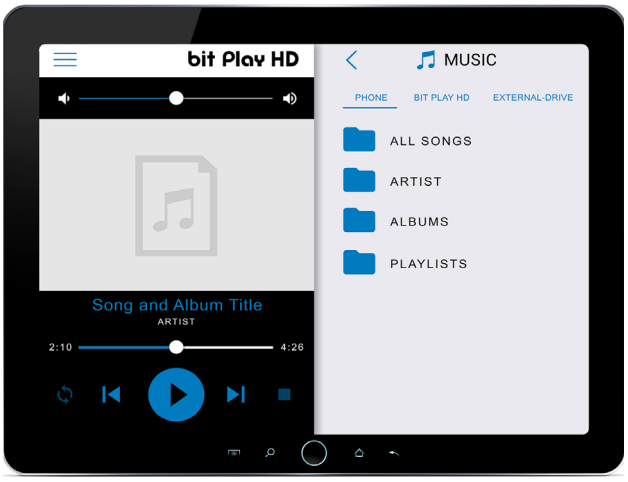

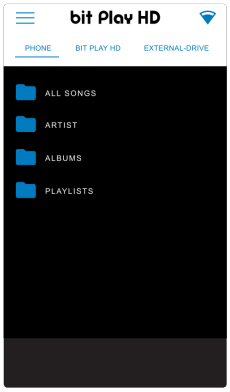

Total connectivity.

The bit Play HD features an optical output for direct connection to an Audison bit processor as well as an RCA output for analog output.
If you have a video input, you can connect the bit Play HD bit to the head unit or to an external monitor via the HDMI output or composite video and view the native interface of the media server in order to directly control the multimedia file navigation functions via remote and access every setting of the device.
The bit Play HD plays videos in Full HD resolution.

ANDROID

Made for iPod iPhone iPad

Audison App: the future of mobile audio integration.

Audison is always looking to the future. In order to control the bit Play HD, our designers wondered what the ideal device would have been and the answer came to them immediately: smartphones. The latest generation mobile devices feature a large display, with very high contrast and ultra-precise capacitive touch-screens allowing easy file navigation.
The R&D department developed an app for Apple and Android devices that allows you to connect your smartphone to your bit Play HD via Wi-Fi network and use it as a remote control manager of the multimedia library without the need to connect the player to an external monitor. Thanks to **Wi-Fi Direct** the Android devices grant the use of the APP **keeping the 4G connection** at the same time. Apple devices use Apple **Air-Play** in order to obtain the best communication performances.
To play the audio files on your smartphone and bit Play HD the user can also choose any iPhone/Android app compatible with the DLNA standard.

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bit Play HD

EISA AWARD Best Product 2014-2015
IN-CAR HD MEDIA PLAYER
Audison bit Play HD

Audison bit Play HD: In-car media player.

Audiophiles can now enjoy high definition music on the go, with Audison' s bit Play HD media player - the world' s first HD player designed exclusively for use in cars. The bit Play HD can play common audio formats including WAV and FLAC up to 96kHz/24bit, and video formats up to 1080p. Users have the choice to control the bit Play HD via the conventional IR remote control that comes in the box, or to operate it entirely via a smartphone app. The system supports HD output via HDMI and Toslink. Video and music files can be stored internally on a solid state disc, while external hard drives and other storage devices can be connected via two USB ports for transferring or playing content directly.

The **bit Play HD features two USB 2.0** ports for connecting mass storage devices such as hard drives and pen drives. The device is designed for in-car use and for this reason **it is supplied with a USB extension cable**, so you can connect a removable pen drive directly on the dash.

Mini USB Wi-Fi Dongle Car USB Extender

To ensure best reception of the Wi-Fi signal, the player is provided with a specific key (Wi-Fi Dongle USB) that can be connected direct to the player or to a 1.5 m standard USB extension cable if the bit Play HD is mounted behind metal barriers

The player software is upgradeable via a dedicated USB port that can be activated by a button, which prepares the device for the upgrade.
To help users who do not wish to have external hard-drives, the **bit Play HD SSD features an internal 240GB SSD 2.5"** unit which is insensitive to the vibration and shaking that occur while driving thanks to solid state technology and a specially designed damped mechanical housing. In addition, the SSD is much faster than a traditional hard disk and provides maximum access speed to multimedia content.

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bit Play HD

OEM integration.

Audison designers have given the bit HD Play unique features for integration into OEM systems. On the side panel a socket to connect the new Audison DRC MP (Optional) can be found, providing the ability to control the player's playlist and navigate in the menu using the DRC MP Joystick, to select an alternative source to the player such as an OEM head unit and control any Audison bit processor acting as a master volume control.

Through the Audison AC-Link port you can control other compatible Audison products while the OEM Integration port allows the bit Play HD to interface with the vehicle.
Through external adapters you can communicate with the car's digital bus to manage the steering wheel controls. The matte black finish and the possibility of choosing among forty-two different colours for the keyboard make it easier for the DRC MP to integrate with the car dashboard. The new display with white characters features a built-in sensor, for **brightness automatic adjustment** of the characters according to the light conditions inside the car, and remains **readable from any viewing angle**.

Audison bit Play HD remote controller.

To facilitate the use of the player in the car, the **bit Play HD is equipped with two remote controls**.
The ARC (Advance Remote Control) remote controls all the player's audio-video functions and allows you to set up the intuitive user interface when connecting to an external monitor.
The compact URC (User Remote Control) remote has been designed to manage audio playlists with track selection, search, volume control, play and stop buttons.

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bit Play HD

Multimedia Player

ANDROID

Made for iPod iPhone iPad

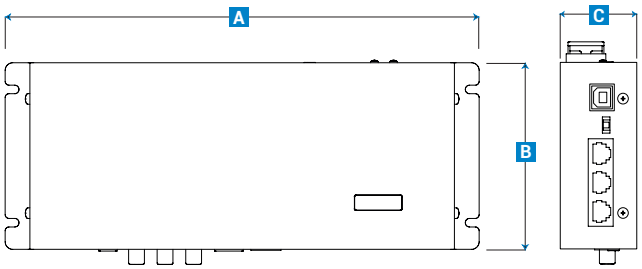
POWER SUPPLY	
Voltage	8.5 ÷ 14 VDC
Idling current	1.0 A with internal SSD A
Fuse	3 A
Remote IN	7 ÷ 15 VDC (1 mA)
Remote OUT	12 VDC (130 mA)

GENERAL FEATURES	
User Interface	Dual mode: 1) Advanced control on Video out via Remote control 2) Basic control via iOS/Android App 3) DRC MP Joystick to control the player's playlist and navigate in the menu.
Smartphone Control	Dedicated Audison App for Android and iOS smartphone, to allow: 1) Wi-Fi Streaming of smartphone multimedia contents to bit Play HD output (Android only). Alternatively standard DLNA Apps (iOS/Android). 2) Play the bit PlayHD storage multimedia contents. 3) File management of bit Play HD storage contents, with copy, delete and move functions
Media Storage	1) 240GB SSD 2.5'' (Included in bit Play HD SSD, internal, up to 2TB support) 2) External USB HDD/Pendrive/DVD drive
File System - Media Storage	FAT32, NTFS, EXT3, HFS+ (Mac OS X)
Wi-Fi	802.11n - Internal Hotspot with external USB Wi-Fi Dongle (supplied)

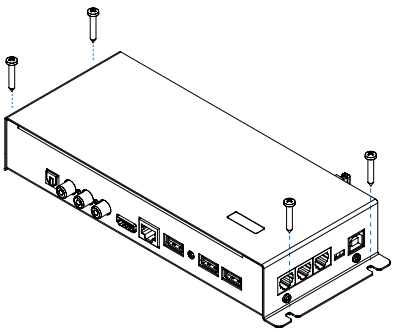
MULTIMEDIA FORMAT	
Audio Formats	Hi-Res Uncompressed: WAV, FLAC (Up to 96kHz/24bit) Compressed: OGG, AAC, MPEG Audio (MP1, MP2, MP3, MPA)
Video Formats	WMV, DivX, Xvid, MPEG, H264
Subtitle Formats	MicroDVD [.sub], SubRip [.srt], Sub Station Alpha [.ssa], Sami [.smi], Idx+Sub, PGS
Image Formats	JPG, BMP, PNG, GIF

ANALOG SIGNAL STAGE	
Distortion - THD @ 1 kHz, 1 VRMS	0.003%
Bandwith	20 ÷ 20k Hz
S/N RATIO (A weighted)	100 dBA
Output Level	1 VRMS

SIGNAL CONNECTION	
Digital Video Output	1 x HDMI v1.3 (type A receptacle) Resolution: 480p, 576p, 720p@50Hz/60Hz, 1080i@50Hz/60Hz, 1080p@50Hz/60Hz
Analog Video Ouput	1 x RCA - Composite video Resolution: 576i (PAL), 480i (NTSC)
Toslink Optical Output	1 x S/P-DIF - PCM 96 kHz/24 bit
Analog Pre Out	2 x RCA, Left / Right



A	249 mm	9.80 in.
B	98 mm	3.85 in.
C	41 mm	1.61 in.



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Multimedia Player

DATA CONNECTION	
USB Hard Drive / Pen Drive	2 x USB/A (1.1/2.0), USB extension supplied
LAN	1 x 10/100M Ethernet / RJ45 port for future upgrade (Car NAS; 3G/LTE router; etc.)
SATA	1 x internal mini SATA 2.0 port for 2.5" SSD Drive (Available version with SSD 240GB built-in)
Firmware Media Upgrade	USB Pen Drive 1.1/2.0 (not supplied)

CONTROL CONNECTION	
Audison AC Link	1 x RJ12 - To Audison AC link provided devices
Audison DRC	1 x RJ12
OEM Interface	1 x RJ12 - Ready for external interface
Steering Wheel Control	Wires - Ready for In / Out control signal BUS for external interface
IR remote control	1x 3.5mm 4 way mini-jack for IR receiver with status LED (supplied)
Parking Brake Video Inhibition	Wires - GND control to the parking brake; monitor power supply
Optical Receiver Enable	Wire - Control to enable optical In for external devices
Status Led	Wire - To external status LED (not supplied)

INFRARED REMOTE CONTROLS (SUPPLIED)	
USR	User Remote Control - Ultra-Compact 14 keys for audio control
ARC	Advanced Remote Control - Compact 40 keys for audio/video control

SIZE / WEIGHT & TEMPERATURE	
W x H x D (mm / in.)	249 x 98 x 41 / 9.80 x 3.85 x 1.61 in.
Weight (kg / lb.)	0,9 Kg /1.98 lb.
Ambient Operating Temperature	0°C to 50°C (32°F to 122°F)

AUDIO FORMATS

FLAC encoded, with up to 96 kHz/24 bit resolution audio tracks. Compatible with AAC, MP3, OGG, WAVE.

VIDEO FORMATS

Multimedia video MPEG-1, -2, -4 encoded with resolution up to 1080p. Compatible with AVI, ASF, BD-ISO, DVD-ISO, DivX 3/4/5, FLV, MKV, RM / RMVB, Xvid SD/HD.

TOSLINK OPTICAL OUTPUT

S/PDIF digital optical output to transfer audio data with a resolution up to 96 kHz/24 bit, for use with Audison products with digital input.

RCA ANALOG OUTPUT

RCA analog audio output to connect the player to an amplifier or to a source with auxiliary inputs.

VIDEO OUTPUTS

1 NTSC/PAL composite video output. 1 HDMI video output with a resolution up to 1080p for playing Full HD videos.

INTERNAL MEMORY

240GB SSD 2.5" SATA 3.0 solid state drive, vibrationally dampened, included in bit Play HD SSD.

DATA CONNECTIONS

2 USB (2.0) ports to connect an external Hard Drive or Pen Drive.
1 USB (2.0) port to update the product and for the USB Wi-Fi Dongle.

CONTROL CONNECTIONS

1 optional DRC input to connect the Audison Digital Remote Control.
1 AC Link output to control Audison devices.

USER INTERFACE

Audio/Video and multimedia content management with optimized viewing for the car environment.

IPHONE/ANDROID APP

Audison App to manage the media library and control the bit Play HD through Smartphones and Tablets. Available on the App store and Play store.
Compatible with iPhone/Android Apps using the DLNA protocol.

REMOTE CONTROL

- ARC (Advance Remote Control).
  Compact design controls all the player functions.
- USR (User Remote Control).
  Ultra-compact design to simplify management of audio playlists.

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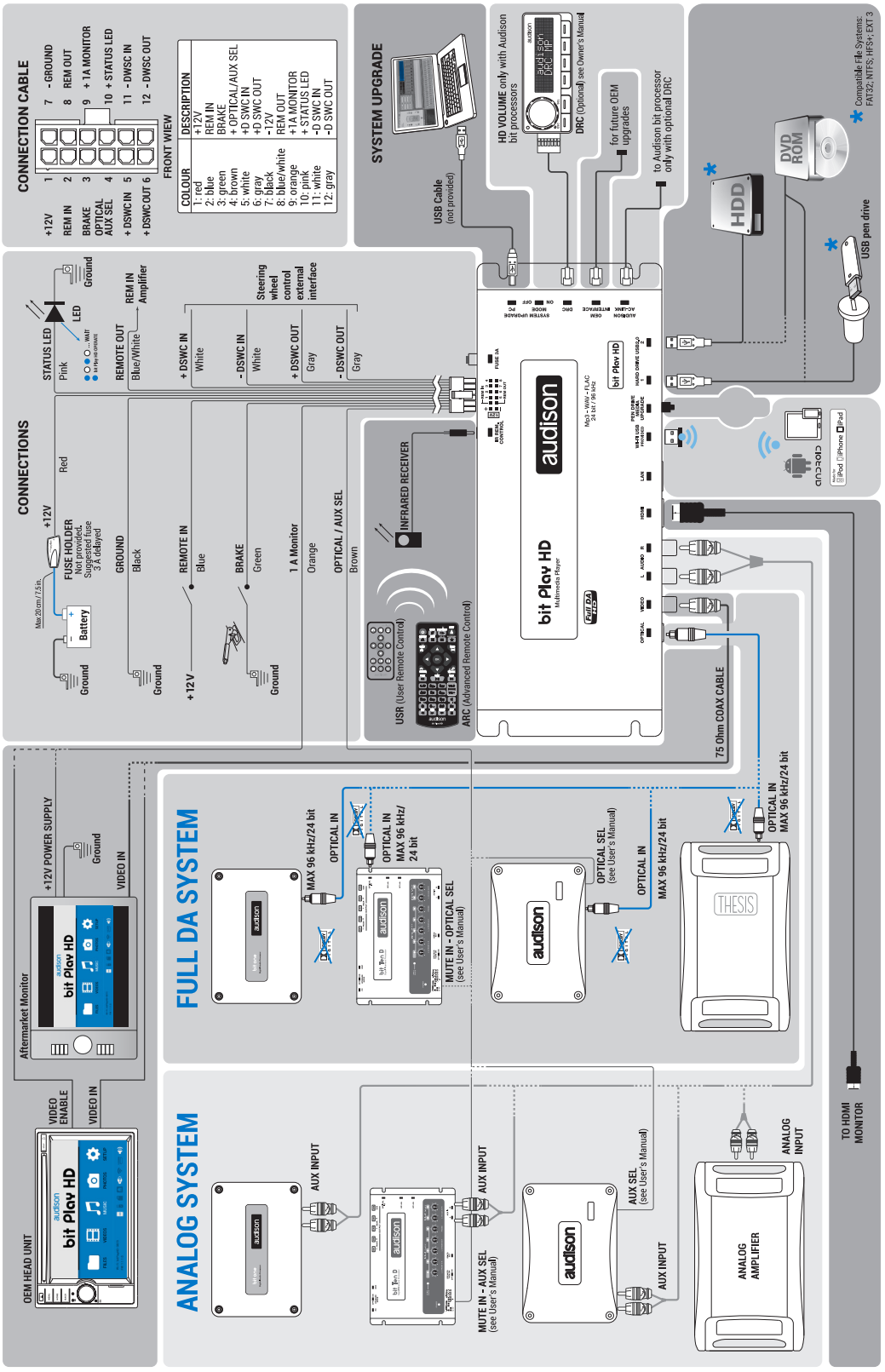

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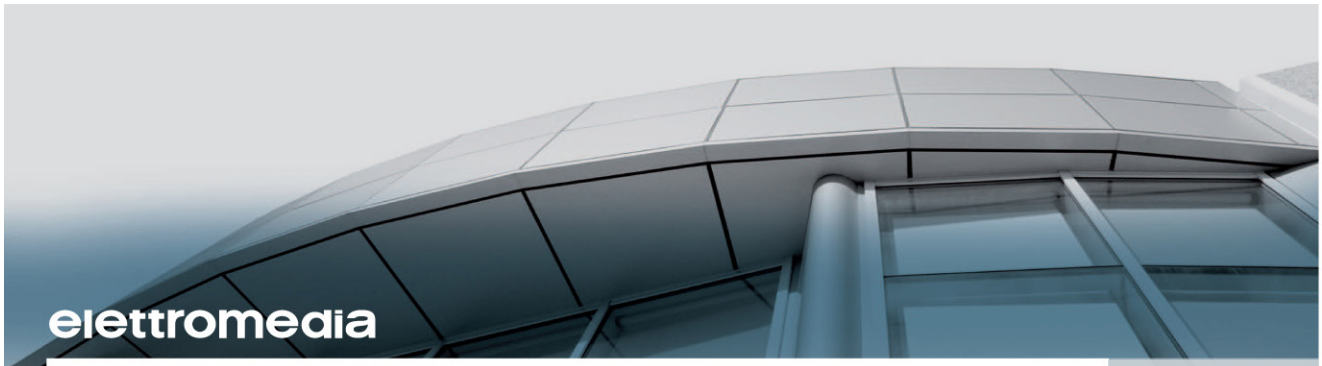

ABOUT US

Elettromedia, an Italian company, is a leader within the world-wide car Hi-Fi market.
Born in 1987 in Potenza Picena by a group of friends who shared the same passion for in-car high fidelity, throughout the past years Elettromedia has been walking the path of excellence: its products are distributed in more than 50 countries; the company has received many awards and acknowledgements from the most authoritative leaders within the car audio industry; it also can boast reviews of more than 3000 pages published in 30 different languages (visit: www.elettromedia.it/press_area.asp).
The Elettromedia brands are Audison, Hertz, Connection and AZaudiocomp. Through a co-branding strategy, the company offers all of the components required for a complete, top-level car audio system.

Contacts: Elettromedia s.r.l.
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AWARDS

EISA AWARD Best Product 2015-2016 — IN-CAR SPEAKER SYSTEM — Hertz MLK 1650.3
EISA AWARD Best Product 2014-2015 — IN-CAR HD MEDIA PLAYER — Audison bit Play HD
EISA AWARD Best Product 2014-2015 — IN-CAR INTEGRATION — Audison AP8.9 bit
EISA AWARD Best Product 2013-2014 — IN-CAR AMPLIFIER — Hertz HCP 5D
EISA AWARD Best Product 2012-2013 — IN-CAR SUBWOOFER — Audison Voce AV 10
EISA AWARD Best Product 2011-2012 — IN-CAR AMPLIFIER — Audison Voce AV 5.1k
EISA AWARD Best Product 2010-2011 — IN-CAR SPEAKER SYSTEM — Audison Voce AV K6
EISA AWARD Best Product 2009-2010 — IN-CAR INTEGRATION — Audison bit one
EISA AWARD Best Product 2008-2009 — IN-CAR SPEAKER SYSTEM — Audison Thesis TH K3 orchestra
EISA AWARD Best Product 2008-2009 — IN-CAR AMPLIFIER — Audison Thesis TH due
EISA AWARD Best Product 2007-2008 — IN-CAR SUBWOOFER — Hertz ML 2500
EISA AWARD Best Product 2006-2007 — Mobile Amplifier — Audison LRx 6.9

THE PRODUCT OF YEAR
BEST OF car audio 2007
Winner Auto Sound Web GRAND PRIX 2014
Auto Sound GRAND PRIX 2011 Winner
Auto Sound GRAND PRIX 2008 Winner
Auto Sound GRAND PRIX 2006 Golden Award
DESIGN & ENGINEERING SHOWCASE HONORS INNOVATIONS INTERNATIONAL CES 2009
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DESIGN & ENGINEERING SHOWCASE HONORS INNOVATIONS INTERNATIONAL CES 2005
EISA AWARDS MOBILE AMPLIFIER 2004-2005 Audison Thesis HV Venti
EISA AWARDS MOBILE AMPLIFIER 2003-2004 Audison SRx 3
EISA AWARDS MOBILE ELECTRONICS LOUDSPEAKER 2002-2003 Hertz Space 6K 25

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Press Kit

(www.elettromedia.eu, Press Room)

bit Product Information
(PDF version, 150 dpi resolution)

Logos: Audison, bit Play HD, Full DA
(Adobe Illustrator version, 300 dpi resolution)

Photo (JPG version, 300 dpi resolution)

bit Play HD

Elettromedia_Headquarter

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