



PRODUCT INFORMATION

Elettromedia July 2017



www.audison.eu


ideato,
progettato,
costruito
in Italia

bit



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bit



With the introduction of the brand new **bit One HD, bit Ten and bit Ten D processors, Thesis, Voce and the Prima bit amplifiers**, Audison has been recognized by industry leaders, specialists and moreover by enthusiasts as the "reference" in the application of digital audio technologies to achieve unheard-of sound reproduction. The Audison spirit never ceases to be innovative and continues with our latest creation: the **bit Tune**. The Audison bit Tune is a revolutionary tool ensuring **automatic calibration for Audison bit processors, quickly providing maximum audio performance**. The **bit Tune also includes an important set of tools useful in the everyday routine of the mobile electronics specialist**, enabling the user to enhance creativity through instrumental experimentation. **Audison is proud to introduce the bit Drive technology** incorporated in all of its products featuring sound digital processing functions (DSP); with these products today, thanks to the bit Tune, you can implement the audio system you've always dreamt of: "Your Sound".

With bit Drive the Audison teams' vision has gone beyond the product; in fact, we developed the bit Drive portal (www.bitDrive.it) where future products with **bit Drive** technology can be registered. By registering your product you become part of a community where you can access information and support for all products with bit Drive technology and take advantage of exclusive materials and services!

BIT DRIVE, YOUR SOUND

Audison is proud to announce a revolutionary digital audio technology for automobiles: **bit Drive**. Audison has a tradition of innovation; each new project making a qualitative leap in high fidelity mobile sound.

Our "**no-compromise**" philosophy, our constant attention to new technologies and being plugged-in to rapid developments in the market have made it possible for this milestone: complete digital audio in the mobile environment.

Emidio Vagnoni, Technical Director and Audison co-founder, observes:

Over the past 10 years our research team has focused its efforts in the field of digital audio.

Our solid experience, consolidated over many years in analog topology, also highlighted the limitations of this technology to reproduce sound in a challenging environment such as the car. The study of digital technology is not limited to, as often happens, replicating traditional analog technology more efficiently, but primarily focuses on the new possibilities it could offer to improve the sound reproduction and ergonomic integration of car audio systems.

Highly innovative product solutions were introduced, such as Audison bit processors featuring DSP, AD Link and AC Link for the transmission and management of digital signals in each channel of amplification. This "wind of change" led to the emergence of the Audison bit Drive, immediately setting new sound reproduction standards in the mobile environment.

bit

Bit tune, perfect sound has never been so easy!

The **Audison bit Tune** is a revolutionary system of **automatic calibration** for Audison bit processors developed with bit Drive technology. **Bit Tune** also includes a multitude of additional features for **electro-acoustic verification and analysis of any car audio system**.

The Audison team's goal in developing the **bit Tune** was to speed up the setting of basic parameters for the calibration of the bit processors (time alignment, equalization, levels, etc.), ensuring an excellent level of acoustic performance. This phase also includes the diagnosis of common "errors" (channel inversion/phase, no signal on one channel/cable, etc.) to set the specialist free from his "routine" work and allow him to **focus** on the art of "fine-tuning". Only personal interpretation and experience can achieve what a machine could never do: create "**Your Sound**"!

Bit Tune can be registered in the **bit Drive** web portal to receive a free Pro license or to obtain a Full license (details in the data sheet). By registering, you also get an account to access the bit Tune users community and exclusive content dedicated to registered users.

Bit Tune can also be used to verify **Audison Full DA** systems. Thanks to the presence of digital optical inputs/outputs (TOSLINK), it provides the ability to read the bit rate and sampling frequency of the input signal.

