

PRODUCT INFORMATION

IMPRINT sound upgrade

Impressive! Extraordinary! Unforgettable!

These are the descriptions you hear when users discuss the new **IMPRINT** sound experience:

- Impressively fast to install and calibrate
- IMPRINT sound emotions have a lasting impact
- An unforgettable sound experience

The interior of your car is transformed into a concert hall

The interiors of vehicles are never the same: they vary considerably with regard to size, design and configuration. Acoustically, this is not an ideal situation – the true reproduction of recorded music presents all sorts of difficulties. Seats, dashboard equipment and different types of covering material all protrude into the acoustic landscape, swallowing sound and reflecting sound waves.

Up to now, anyone who attached importance to the authentic reproduction of music had little to choice but to have the system calibrated by a professional to suit the individual configuration of the vehicle interior.

But this was an expensive business which could take hours or even days to complete – and seldom produced optimal results in actual practice.

With **IMPRINT**, Alpine now offers a tool that facilitates sound alignment in the interior of the vehicle. A qualified dealer can complete the process during initial installation in a matter of just half an hour. The secret: MultEQ technology, which makes use of more than 500 correction points across the entire frequency range. A highly sensitive microphone picks up test signals which are transmitted via the loudspeakers and subsequently evaluated by the **IMPRINT processor**. This enables all the signals to be equalized. And the calculation always factors in several vehicle seats – not just the driver's seat as is normally the case. The optimized sound quality resulting from this procedure is a truly remarkable achievement.



IMPRINT inside:

CDA-9887R



IMPRINT ready:

CDA-9886R



IMPRINT ready:

CDA-9884R



IMPRINT ready:

IVA-D106R



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The "heart" of **IMPRINT** is a computer processor. This processor is either pre-installed in certain **Alpine radios** or obtainable in the form of an optional black box (**PXA-H100**) for IMPRINT-enabled control units.

Preset audio systems can easily be upgraded as well. In this case the factory system upgrade processor **PXE-H650** is connected to the preset audio system.

In addition to signal modifications based on the equalizer setting, the countermeasures initiated by **IMPRINT** include the correction of transit times (delays), which ensures excellent reproduction of the "concert hall performance" inside the vehicle.

Calibration is undertaken by the dealer and takes very little time. The process is facilitated by special **IMPRINT** software and a highly sensitive microphone.

What's in store for you in 2008?

Anyone planning to upgrade their car radio to a more sophisticated model could well opt for the **Alpine Electronics CDA-9887R** – and will not be faced with any extra hardware costs. That's because the **IMPRINT** processor is pre-installed. And someone looking for another Alpine head unit would be well advised to go for a **CDA-9886R** or **CDA-9884R**. **IMPRINT** can be added to these units at a later point in time by means of the **Alpine PXA-H100** supplementary processor – and for an affordable price. The same applies to the new iPod head units **iDA-X100** and **iDA-X200**.

All the new mobile media stations, such as the **IVA-W505R** or the **IVA-D106R**, are preconfigured for **IMPRINT** and can be upgraded using the **PXA-H100**. To round off the system and achieve the best possible acoustic results, users are advised to select top-quality components (amplifiers and loudspeakers).



IMPRINT ready:

IVA-W505R



PXE-H650

(Factory System Upgrade Processor)



PXA-H100

(IMPRINT Processor for IMPRINT-ready Headunits)

