PRODUCT INFORMATION

Good Vibrations
The latest speaker lineup from Alpine Electronics

A car's hifi system is only as good as the final link in its signal chain: the output units. Alpine offers products which make sure that the signals supplied to the system by your head unit reach your hearing system intact.

Type R loudspeaker
The Type R loudspeaker range is considered to be an absolute all-rounder – thanks to its ideal combination of high efficiency, high electrical load capacity and outstanding acoustic properties. As far as sound reproduction is concerned, this family of speakers is second to none. Its highlights include the hybrid layered pulp woofer cone and the powerful ring tweeters. To ensure that your setup matches your individual requirements perfectly, six tweeter levels can be set directly by way of the frequency-separating filters.

Full power
Just like a car, it's the drive unit which largely defines the performance of a loudspeaker. The dimensions of the magnets in the new Type R generation are practically identical with the voice coil. This configuration provides an even flow of power across all frequency ranges and, in tandem with the voice coil (Live Drive), guarantees a clean sound at all volume levels. Quadrangular wire is used for the voice coils in order to reduce magnetic loss, while the membrane consists of hybrid layered pulp with a mica substrate. With its stable structure and flexible deflection properties, it reproduces the most subtle sounds and the most powerful bass notes with equal brilliance. Since "detailed" sound is particularly important with the higher tones, the more precise ring tweeters are used in preference to dome tweeters.

Alpine SPR loudspeakers
The SPR families of loudspeakers consist of **C models** (coaxial loudspeakers) and **S models** (component systems). Alpine has extended the range of coaxial speakers with the addition of **SPR-13C**, while its "big brother", the 16.5-centimeter coaxial **SPR-17C**, with a depth of 59 millimeters, has a nominal power of 100W. On the same power level, Alpine has extended the **SPR-69C** offering in the oval range as well with the addition of an interesting coaxial loudspeaker with the dimensions 6x9"; thanks to its large membrane surface, this speaker allows correspondingly high acoustic pressures.
New **Alpine** 2-component systems are currently available for the separate placement of mid/bass drivers and tweeters. Here, too, the product range is divided into a 16.5-cm and a 13-cm system: the **SPR-17S** and the **SPR-13S**.


SPR-13C


SPR-17C


SPR-69C


SPR-17S


SPR-13S

ALPINE
Mobile Media Solutions

PRODUCT INFORMATION

The perfect match for your system and IMPRINT

The loudspeakers and the car hifi system should be team players – not in opposition to each other. The new "**IMPRINT**" units with PC-supported calibration blend really smoothly with the **SPX series** 2-component loudspeaker. This series consists of the upmarket Reference models and the high-end Pro models.

Reference line

The **SPX-17REF** and **SPX-13-REF** speakers (membrane diameter 16.5 / 13 centimeters) set the standard. Highly efficient, compact neodym magnets join forces with a 39-millimeter voice coil to ensure powerfully dimensioned sound. Aluminum is used for the membrane, which has a compression-molded profile, and for the cast basket and voice coil unit. This material is not only lightweight, it also dissipates heat much more effectively than steel components. **Alpine** also aimed at maximizing the price/performance ratio of its ring-type dome tweeters, featuring a three-layered neodym magnetic structure and amplification of the acoustic pressure level by means of the pressure chamber design. The nominal power ratings of the Reference speakers are 75W / 60W.



SPX-17REF



SPX-13REF

Pro line

In technical terms, these loudspeakers leave nothing to be desired. Their membrane, consisting of dissected and rebonded fiber glass, prevents frequency-dependent partial oscillations with a high degree of efficiency. The positive effect of this is the "exploration" of previously unimagined depths of sound. Instead of conventional dome tweeters, ring radiator tweeters are used: these ensure an authentic linear motion and therefore minimal distortion and an extremely smooth frequency response.
The **SPX-17PRO** has a membrane diameter of 16.5 centimeters and a nominal power rating of 100W, while the smaller **SPX-13PRO** has a specific diameter of 13 centimeters and an 80W rating. Both units have an impedance of 4 ohms and an installation depth of 63 mm and 59 mm respectively. A further highlight is the audiophile-grade frequency filter which is supplied. It is not only ultra compact: the hundreds of setting options mean optimal adaptation to the vehicle's requirements.



SPX-17PRO

Alpine: our product, your sound!

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