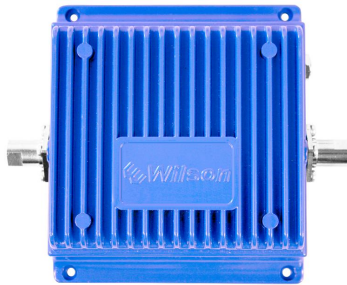


Technical Bulletin

Bill Mann, Technical Support Manager
Wilson Electronics, Inc.

Notice #06-01
July 27, 2006
Temperature of
Amplifier Casing

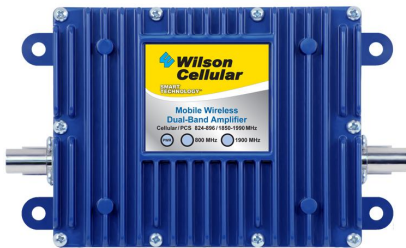
Wilson Amplifier Aluminum Casing and the Summer Heat



During the summer hot months, customers have voiced a concern regarding the temperature of the outside casing of our cellular amplifiers. They seem very hot to the touch -- and rightly so on a day where summer temperatures exceed 100 degrees Fahrenheit.

Since our casings are made out of aluminum, and aluminum is a great conductor of ambient temperature, the casing temperature will adjust to the environment where it is located. So, if your mobile-wireless or direct-connection amplifier is located in your car, even if under the seat, the temperature of the outside casing will be hot.

In addition to the ambient environmental temperature, it will also be heated from operational temperature and may well be very hot to the touch – similar to your steering wheel or door handle.



The hot-to-the-touch outside temperature of the metal casing on a hot day is not something to be overly concerned about. The main thing is that the amplifier is operating properly and amplifying your cell phone or cellular data card signal.

The components inside our Wilson amplifiers are engineered to withstand very high temperatures and will operate efficiently in extreme temperatures (hot or cold). Extremes of temperature will not damage the amplifier.

As outlined in our installation guide, amplifiers should be installed in locations with adequate ventilation, such as under the seat, in the trunk or under the dashboard.

If you have any questions please call us at 1-866-294-1660 or email tech@wilsonelectronics.com.