As Nigel said, C++ compilers mangle functions name differently than C
compilers, since they have to support function overloading. You should
use

```
#ifdef __cplusplus
extern "C" {
#endif
 <all your C prototype code goes here>
#ifdef __cplusplus
}
#endif
```

and you'll be able to compile it with both gcc and g++.

You should really take a look at
http://developers.sun.com/prodtech/cc/articles/mixing.html and
 http://www.parashift.com/c++-faq-lite/mixing-c-and-cpp.html, both an
excellent source on how to mix C and C++ code.

Regards,
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