

## DC2 Hearing Protector



### Superior Hearing Protection, Unique Design

Offering maximum performance in high noise environments with a 31 dB Noise Reduction Rating (NRR), the Gentex DC2 Hearing Protector provides excellent safety for single hearing protection applications through its patented, unique ear cup/ear cushion design. The inner earcup is surrounded by a second outer earcup offering extra performance in high noise fields. The DC2 circumaural hearing protector is compatible with the US Navy cranial.

### KEY FEATURES

#### Optimal Safety and Fit

Provides maximum hearing protection and comfort for single hearing protection applications through unique double-cup double-seal design and custom foam earseals. The earmuff and headband assembly are designed to increase population fit rate.

#### 31 dB NRR

Offers outstanding hearing protection and sound attenuation in the highest ambient noise found in the most extreme environments, with a Noise Reduction Rating of 31 dB. This is an increase of 9 dB NRR over legacy US Navy Cranial (HGU-25/P).

#### Double Hearing Protection

Provides double hearing protection when coupled with custom or foam earplugs.

#### Improved Design

Improved ear cup attachment point reduces foreign object debris (FOD) hazard. The DC2 Hearing Protector offers additional allowable exposure time when compared with legacy U.S. Navy earmuffs.

#### Compliance


- MIL-STD-810F environmentally compliant

#### Maximum Compatibility

The DC2 Hearing Protection System is compatible with:

- HGU-25/P Series Legacy Cranial

#### NRR Rating Information and Test Data per ANSI standards

<b>Noise Reduction Rating</b>	<b>31</b> DECIBELS (WHEN USED AS DIRECTED)
<small>THE RANGE OF NOISE REDUCTION RATINGS FOR EXISTING HEARING PROTECTORS IS APPROXIMATELY 0 TO 30 (HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS).</small>	
<small>Gentex Corporation Manchester, New Hampshire</small>	<small>DC2</small>
<small>Federal law prohibits removal of this label prior to purchase</small>	 <small>Label Required by U.S. EPA regulation 40 CFR part 211, subpart B</small>

#### DC2 Real Ear Attenuation at Threshold Data

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation in dB	21.4	30.3	45.5	44.0	41.5	43.4	44.3	43.3	45.6
Standard Deviation in dB	3.0	3.9	4.8	3.9	3.8	3.8	3.3	3.9	2.9

Test data collected per ANSI S3.19- 1974

### Contact Us

Gentex Corporation is dedicated to developing fully integrated products that significantly improve hearing protection and communications for personnel operating in continuous, extreme noise environments, such as those found in the oil and gas, construction, military, heavy industrial, mining, metalworking, chemical and aerospace industries. For more information about the Gentex DC2 Hearing Protector, please contact [sales@gentexcorp.com](mailto:sales@gentexcorp.com) or one of our authorized distributors through [www.gentexcorp.com](http://www.gentexcorp.com). Like us at [facebook.com/Gentexcorp](https://facebook.com/Gentexcorp)