

# NSN: 5831-66-151-4569

## BLACK NOISE ENVIRONMENT GROUND COMMUNICATIONS KIT



### Description

This individual kit consists of three (3) items, belt interface, a mouth guard microphone and CEP's. It allows clear communications between ground maintenance crew engaged in, both in and out of air frame engine testing of engines for F-111C aircraft at all power settings, including both engines at MIL & AB.

This kit has been demonstrated to provide effective communications in extreme noise up to **138.4dBC** when used in conjunction with an approved black noise hearing protector.

Use with "Ground interphone cable set 12A4306-7

### Belt Box Interface

Black flame retardant ABS housing with a robust belt/clothing clip. The interface provides the user with a individual volume control, sockets for the CEP's and mouth guard microphone and a short cable terminated to a U-93A/U for connection to the walk around cable.

### Mouth Guard Microphone:

With PTS (Push to speak) button and lanyard strap.

Housing:	ABS
Colour:	Black
Element:	M101/AIC Noise cancelling dynamic
Sensitivity:	50.4 to 112uV @ 1kHz/SPL 103 db
Impedance:	5 ohm @ 1kHz +/- 1 ohm
Response:	200 to 6,000Hz
Noise cancelling:	15 db

### Communications Ear Plugs (CEP's)

The CEP's consist of two dynamic earphone transducer elements moulded into small housings. These housings have a small threaded extension which mates with a reusable and replaceable foam earplug tip to provide external sound attenuation. A small hole passing through the earplug tip allows the speech signal produced by the transducer to reach the occluded portion of the ear canal.

The CEP's when worn in conjunction with a approved Black Noise hearing protector (Peltor H10A), have returned a SLC<sub>80</sub> Rating of 35.

