

# Granite

sound

**SOLID INTERCOMS**

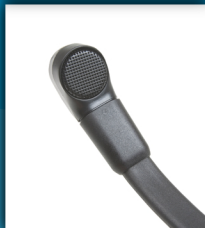
## **Professional Single Muff Headset**

**GS-CHS1**

- **Fully Adjustable**
- **Durable and Reliable**
- **Exceptional Sound Quality**

Granite Sound's single muff headsets have been specially designed to combine the maximum in comfort, safety, durability and reliability. Care has been taken in the acoustic and electrical isolation between microphone and headset to reduce crosstalk to a minimum. All headsets are fully adjustable to afford a comfortable fit for the user. The practically indestructible microphone is mounted on a movable arm to the left of the headset and has been designed for optimum rejection of unwanted sound. The flexible 1.5 metres of cable is virtually unbreakable due to the steel reinforcement braiding underneath the PVC coat.

- **maximum comfort, with reliability and sound superiority**
- **compatible with all standard intercom equipment**
- **multi position toughened microphone arm**
- **unwanted noise cancellation**
- **fully adjustable, ensuring a comfortable fit throughout**
- **crosstalk eliminated with precise acoustic and electrical isolation between microphone and headset**



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## Professional Single Muff Headset

GS-CHS1

The CHS1 Single Muff Headset and the CHS2 dual Muff Headsets have been specially designed to combine the maximum in comfort, safety, durability, and reliability. The superlative audio quality ensures their suitability for all applications where Granite Sound intercom equipment is used. The robust headset housing is manufactured to withstand all but the most extreme shocks. Great care has been taken in the acoustic and electrical isolation between the microphone and headset in order to reduce as much problem of crosstalk as possible. Headsets are frequently used for long periods at a time, so the comfortable, padded earmuff is essential. The microphone has been designed for optimum rejection of unwanted sound. This ensures maximum gain before feedback. The moveable microphone arm, virtually indestructible, is attached to the left side of the headset. The ear-cable connections for the headsets are within the earmuff itself, so they cannot be damaged or torn. The specially flexible and virtually unbreakable rounded cable, reinforced with steel braiding, ensures a long working life even in the most vigorous working environments.

### Specification

#### Headset:

<b>Frequency Response:</b>	40Hz - 14.4kHz
<b>Nominal Impedance:</b>	400 ohm/system
<b>Maximum SPL:</b>	Up to 94dB
<b>Power Handling:</b>	100mW
<b>Noise Level:</b>	~ 16dBA
<b>Ear Muff Pressure:</b>	~ 6N
<b>Weight:</b>	200kg
<b>Cable Length:</b>	1.5m

#### Microphone:

<b>Frequency Response:</b>	40Hz - 15kHz
<b>Directional Characteristics:</b>	cardioid
<b>Nominal Impedance:</b>	200 ohm
<b>Gain (at 5cm)</b>	-3mV

