

Introduction to Granite Sound



Granite Sound has established a reputation for reliable, high quality intercommunication tools.

We seek to achieve satisfaction and long-standing relationships with each of our customers through reliability, flexibility, professionalism and expertise. Our expert team have been involved in developing the audio industry since the 1970s, their high level of experience enables them to provide in-depth advice and support on all aspects of audio systems.

Granite Sound intercom systems are compatible with industry standard three-wire communication systems and are available with a wide range of headsets and beltpacks. We believe we hold the same values as our customers and understand their needs, always providing the required audio solution.



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Powering Your System

The entire Granite Sound range relies upon one of the following products to power and control the communications. These products are essentially the 'hub' of your system.



1. **GS-CMS2** – Master Station - £629.00

- Offers single of dual channel communications
- Powers up to 16 outstations
- Gives the operator control over whole system
- Line out function to feed other communication systems

2. **GS-CMLS2** – Loudspeaker Master Station - £765.00

- Offers single of dual channel communications
- Headset' or 'mic and loudspeaker' selector switch
- Powers up to 16 outstations
- Gives the operator control over whole system
- Line out function to feed other communication systems



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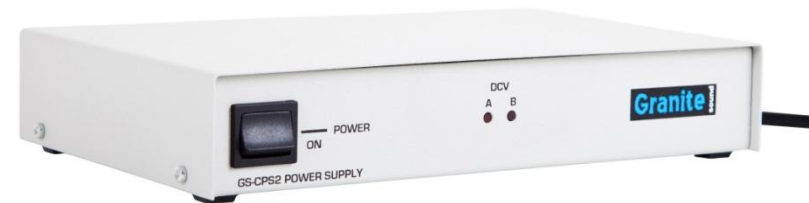


3. **GS-CRPS2** – Rackmount Power Supply - £350.00

- Low cost alternative to GS-CMS2
- Also powers up to 16 outstations
- Operates either dual of single channel communications
- Channel identification LEDs on front panel

4. **GS-CPS2** – Stand-alone Power Supply - £260.00

- Ideal for smaller systems
- Will power up to 16 outstations
- Operates either dual of single channel communications
- Does not need a fixed rack to be used



Picking Your Outstations

Once you have decided how you would like to power the system, you must now pick the suitable outstations. Outstations are the individual points at which you wish to have communications. One area or person will need one outstation to feed into the communications system.

Beltpacks - The most common type of outstation is a 'beltpack'. They come equipped with belt-clips and are commonly kept on the person who will be most frequently using them. They are wired directly to the power supply chosen but can also 'daisy chain' to allow one beltpack to be wired directly into another as opposed to wiring all the way back to the power supply.



1. **GS-CBP1** – Single Channel Beltpack- £150.00

- Most commonly used beltpack
- PTT and call button functions
- Standard 3 pin XLR connection

2. **GS-SC2** – High Power Single Channel Beltpack- £185.00

- Offers more output to the headphones
- Perfect for areas with higher ambient noise
- Standard 3 pin XLR connection



3. **GS-DC2** – High Power Dual Channel Beltpack- £185.00

- Holds the same characteristics as the GS-SC2 but dual channel
- Will allow the user the ability to listen to both channel A + channel B at the same time with easy to use volume adjustment
- 6 pin XLR connection to allow for both channels



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Loudspeaker Outstations - An alternative style of outstation is the Loudspeaker Outstation. These units can be wall-mounted or desktop mounted and have a built in loudspeaker and microphone input to allow many users to listen and talk into the communications system.



- 1. GS-CLS1** – Single Channel Loudspeaker Outstation- £265.00
 - Most commonly used loudspeaker outstation
 - PTT and call button functions
 - Standard 3 pin XLR connection
 - ‘Headset’ or ‘mic and loudspeaker’ selector switch

- 2. GS-CLS2** – Dual Channel Loudspeaker Outstation- £375.00
 - Dual channel equivalent to GS-CLS1
 - PTT and call button functions
 - 6 pin XLR connection to allow for both channels
 - ‘Headset’ or ‘mic and loudspeaker’ selector switch



Picking Your Headsets

Each beltpack requires a headset. Granite Sound offer a number of different options to suit all users. All headsets have been specially designed to combine the maximum in comfort, safety, durability and reliability. All headsets are fully adjustable and afford a comfortable fit for the user. Granite Sound also offer all of our headsets with armoured cable or without the mic boom for point of sale applications.

Professional Headsets - Care has been taken in the acoustic and electrical isolation between microphone and headset to reduce crosstalk to a minimum. 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.

1. GS-CHS1 – Single Muff Professional Headset - £99.00

- Single muff operation
- Flexible 1.5 metre cable with steel reinforcement
- Strengthened microphone



2. GS-CHS2 – Dual Muff Professional Headset - £109.00

- Dual muff operation
- Flexible 1.5 metre cable with steel reinforcement
- Strengthened microphone



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3. **GS-CHS1MS** – Single Muff Professional Headset with Switchable Mic - £125.00

- Single muff operation
- Flexible 1.5 metre cable with steel reinforcement
- Strengthened microphone
- Microphone on/off switch



4. **GS-CHS2MS** – Dual Muff Professional Headset with Switchable Mic - £150.00

- Dual muff operation
- Flexible 1.5 metre cable with steel reinforcement
- Strengthened microphone
- Microphone on/off switch



Picking Your Headsets

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High Performance Headsets - In addition to the Professional range specification, the High Performance range has the added functionality of being fitted with a rotatable microphone boom. In addition to this, an integrated high quality mic switch with gold plated contacts switches the microphone noiselessly off when the boom is moved into the 'upper' position. The heavy duty 'closed cup muff(s)' have been re-engineered for maximum comfort and noise cancellation, which optimises usage when working in areas with a higher background noise level.

1. GS-CHSE1 – Single Muff High Performance Headset - £165.00

- Single muff operation with heavy duty 'closed cup muff'
- Rotatable microphone boom
- Mic switch activated when boom is moved into 'upper' position
- Flexible 1.5 metre cable with steel reinforcement
- Strengthened microphone



2. GS-CHES2 – Dual Muff High Performance Headset - £215.00

- Dual muff operation with heavy duty 'closed cup muffs'
- Rotatable microphone boom
- Mic switch activated when boom is moved into 'upper' position
- Flexible 1.5 metre cable with steel reinforcement
- Strengthened microphone



Enhancing you Call Lights

Now that you have completed the design of your Granite Sound system, you may need some areas where a user only needs to hear the communications and not reply. Or, some areas where you cannot speak and may need a visual feed into the system. For these situations, Granite Sound have designed the following products;

1. **GS-CMU1** – Intercom Monitor Unit - £240.00

The GS-CMU1 can be connected at any point in the communications line. When a call signal is sensed, it will produce a high power flash from the Xenon beacon. It can also be switched to produce an audible tone to attract the users. In addition, this unit can be used as a monitor loudspeaker to listen to other users on the system.



2. **GS-STB1** – In-Line Strobe Light - £105.00

The GS-STB1 can also be connected at any point in the communications line. When a call signal is sensed, the unit will produce an intense flash from the strobe mounted on top and also a more direct, focus light from the bright LED on the front. The selector switch on the rear allows the user to choose between 'STROBE', 'LED' or 'BOTH' giving them the ability to easily trigger between the options.



(colours other than Amber incur additional £15 charge)

Accessories

You should now have every aspect of your communications system covered. Additionally, Granite Sound have developed a number of accessories to make your whole system just that little bit better.

Splitter Boxes - Sometimes there come situations within either the installation of your communications system, or when expanding the system where you need to split the signal line 2 or 3 ways. Granite Sound offer splitter boxes to counter any such occurrence.

1. GS-SB3 – 3 Pin Splitter Box - £76.00

- One in – Three out splitter box
- 3 pin Neutrik connectors
- Solid construction



2. GS-SB4 – 4 Pin Splitter Box - £99.00

- One in – Three out splitter box
- 4 pin Neutrik connectors
- Solid construction
- Perfect with GS-CCU4 Portable Intercom Unit

Accessories

You should now have every aspect of your communications system covered. Additionally, Granite Sound have developed a number of accessories to make your whole system just that little bit better.

3. **GS-LSM1** – Gooseneck Microphone - £89.00

- Perfect for use with GS-CMSL2, GS-CLS1 and GS-CLS2
- 3 pin male XLR connector
- Fully flexible
- Robust construction



4. **GS-SLVB + GS-SLVC** – Protective Silicone Sleeve - £10.00

- Available in black or clear
- Protects all of the beltpack style products
- Reduces accidental damage
- Hardwearing

Portable Intercom Unit



In addition to Granite Sound's outstanding wired intercom range, we can also offer a solution for users with a lower budget or with a need to use their system in various different locations without the arduous task of uninstalling and reinstalling various wired components. With this in mind, Granite Sound have produced the GS-CCU4 – Portable Intercom Unit.

1. GS-CCU4 – Portable Intercom Unit - £230.00

The GS-CCU4 is an easy to set up and use, low cost intercom system at entry level. This product is aimed at the first time user and those working within a tight budget where a simple, efficient and expandable product is require. The unit is powered by AA batteries or from the mains with the addition of an AC mains adaptor.



The user will merely plug their headsets into the rear of the unit using 1 of the 4, 4 pin XLR connectors available. As soon as two or more headsets are plugged in, the users will be able to the communicate with each other. Headset cables can be run up to 300 metres apart and a universal volume adjustment located on the front of the unit will allow users complete control. With the addition of Granite Sound's GS-SB4 splitter box, this product can be expanded to cater for up to 6 users at one time.

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