

Granite

sound

SOLID INTERCOMS

Dual Channel Master Station

GS-CMS2

The GS-CMS2 Master Station powers either single or dual channel intercom systems for communication with one or both channels, permitting the use of up to 16 outstations. The GS-CMS2 gives the operator control over several functions which are common to the whole system. Both power and audio are supplied via six three pin male XLR connectors with three connectors per channel.

The front panel of the GS-CMS2 features a power status LED indicator for each channel, plus: a four pin male XLR connector for headset connection, volume control, side tone adjustment and a Push To Talk (PTT) switch.

The operator can select channels via the switch (marked A, A+B, B). By pressing either call button a call signal is sent to the selected channel of communication. The call buttons also flash if an outstation is initiating a call. The microphone/line input is controlled via its separate volume control and channel selector switch (A, A+B, B).

There is additional line input via a three pin female XLR connector on the rear panel (with screwdriver level adjustment) and a switch to route the signal to either or both channels. To feed other communication systems, show relay, recording or public address systems a three pin male XLR connector, which receives its source from either one or both channels, dependent on the adjacent switch setting, is located on the rear panel.



Specification

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------|
| Supply Voltage: | 120/240V AC 50/60Hz switchable |
| Power Output: | 0.64 amps for up to 8 outstations per channel, 1.28 amps total |
| Headset Output: | 150-600 ohms |
| Connections Front: | Headset: 4 pin male XLR Aux. mic/line in: 3 pin female XLR |
| Connections Rear: | Line Out: 6 x 3 pin male XLR Aux Out: 3 pin female XLR Line In: 3 pin female XLR |
| Auxiliary Input: | Mixed onto both channels, mic to suit 200 ohms types. 10k Ohm per leg balanced. 25mV sensitivity |
| Dimensions (mm): | 1U 19" Rackmount 483 x 44 x 196 |
| Weight: | 6.5kg |

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- Two Channel Communication, Options A, B and combination A+B
- Channel A and B remain fully independent
- Suitable for use with between 1 - 8 outstations per channel
- Headset and Microphone XLR sockets easily accessed
- Chunky, straightforward controls
- Effective feedback cancellation
- Practical Design
- Straightforward Use



The Granite Sound CMS2 master station is designed to power a single or dual channel intercom system and allow communication with either or both of the channels. This unit also gives the operator control over a number of functions common to the whole system. The CMS2 is housed in a 1U 19" rack mount enclosure. The power supply of the CMS2 powers the outstations via the six 3 pin male XLR connectors, three for each channel, mounted on the unit's rear panel. These connectors also carry the communications line for each channel and should be connected to each outstation using a good quality cable. Daisy chain, loop, star or combination wiring topologies are all acceptable.

The two LED's can monitor the status of the power supply outputs adjacent to the mains on/off switch. The CMS2 incorporates a 2-channel headset communications station. A headset should be connected to the 4 pin male XLR connector situated on the right of the front panel, the sound level in the headphones is controlled by the adjacent volume control and the side tone, the level of the microphone signal in its own headphone is controlled by the screwdriver adjustment next to it. The headset microphone is controlled by a toggle switch. PTT (press to Talk) when pressed down the switch latches on until switched back, when pressed up the operation is momentary and when the switch is in the center position the microphone is off.

The switch marked A/A+B/B connects the communications station to channel A, channel B or both A+B. The 3 pin male XLR line output connector on the rear panel receives it's source from channel A, channel B, or both A+B depending on setting of the adjacent switch. This output can be used to feed other communications systems, recording systems or a public address system.