

pantherC SERIES AERIAL INTERCOM



The pantherC series is a fully digital intercom system designed for use in rugged, all weather conditions. The durable construction is specifically

All digital, all in one communication.

designed for aerial fire apparatus and other applications in challenging, high-noise environments where clear communication is required. The pantherC series intercom meets NFPA 1500 and 1901 standards.

With recessed controls, built in headset jacks and its compact size, the pantherC series intercom is ideal for a variety of communication applications. The pantherC series provides a high level of audio volume and clear, digital sound.



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The pantherC series intercom utilizes a two wire, digital network architecture. The digital system provides clear communication for all personnel without sound degradation due to difficult weather conditions, vehicle or other ambient noise. The pantherC series provides digital quality sound, while reducing distortion that is common with analog intercoms.

Because of its digital architecture, multiple pantherC series units may be installed "in series" to provide communication over a large area without clarity or signal loss.

There are two pantherC series intercom models: the pantherC1 base station and the pantherC2 remote station.

The pantherC1 base station broadcasts sound via its speaker when audio is provided from another pantherC series unit or the analog interface. The pantherC1 has a microphone Push-to-Talk (PTT) button that deactivates the remote microphone and broadcasts audio from the unit. With the addition of headsets, personnel have full duplex intercom communication between all pantherC series units. Radio receive and transmit capabilities are available through the analog interface.

The pantherC2 remote station is equipped with an active microphone, eliminating the need for a PTT button, which allows hands free communication. The microphone is deactivated only when a pantherC1 base station PTT is depressed or when headsets are plugged into the pantherC2 headset jack.

The analog interface provides connections to Firecom's vehicle intercom system or mobile radios. When connected, sound from the Firecom intercom system or mobile radio will be heard on pantherC1 base station speakers. When headsets are used, intercom, radio receive and transmit capabilities are available to the user.

Warranty

All Firecom products are protected with a two-year limited warranty.

Specifications

Use	Indoor/Outdoor
Operating Temp	-20° to 150°F
Weight	5.7 Lbs [2.6 Kg]
Height	6.0 in. [15.2 cm]
Width	6.0 in. [15.2 cm]
Depth	4.5 in. [11.4 cm]
Supply Voltage	12 VDC
Operating Current (Nom.)	1 Amp
Power Consumption (Max)	48 Watts

Benefits

- Provides clear, digital communication
- Easy to operate
- Reduces collector ring wire requirements (only two needed)
- Easy to install
- Durable for harsh environment installation
- No signal distortion or loss

Features

Speaker - broadcasts audio when headsets are not used.

Status Light - illuminates when a station is operating properly. An internal diagnostic check is performed every time a unit is turned on.

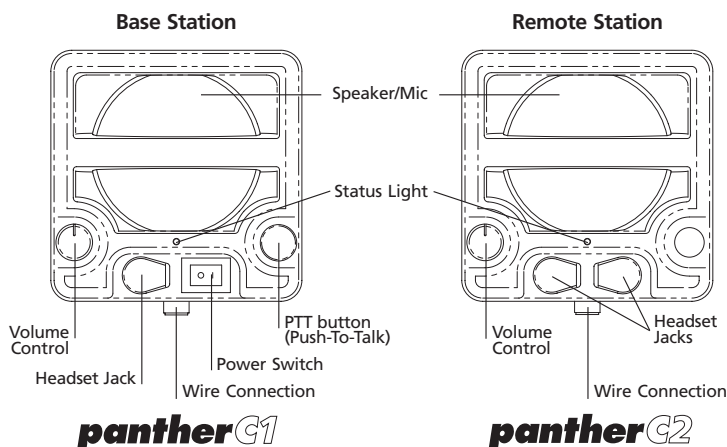
Volume Control - determines the audio level of the speaker. It will not turn the audio off completely.

Microphone - receives audio and is activated by the PTT button on the pantherC1 base station and is "live" on the pantherC2 remote station.

Panel PTT Button - activates the microphone on pantherC1 base station and is not present on the pantherC2 remote station.

Power Switch - controls station power (only on pantherC1 base station). It will not affect other stations.

Headset Jacks - may be used for hands-free, full duplex communication or private broadcast with Firecom headsets. Additional radio or in-cab communication is available.



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