



OC-1 Operator Console (DRC)

Features

- ▶ Dedicated Radio Console (DRC)
- ▶ Increases Effectiveness of FDNY Handheld Two-Way Radios Within A Building
- ▶ System Operation via FDNY Two-Way Radios, Panel Mounted Microphone/Speaker, or Telephone Handset
- ▶ NYC Fire Dept. 3 RCNY 511-01 Compliant (In-Building Auxiliary Radio Communication System)
- ▶ Supports use of FDNY Tactical High-Rise Duplex Channels 11 and 12
- ▶ Up to 6 OC-1 Operator Consoles Can Be Installed in a System
- ▶ Supervised for Wiring or Component Faults.

Application

The Firecom OC-1 Operator Console, a Dedicated Radio Console (DRC) along with the RPT-1 Repeater Cabinet and custom designed distributed antenna within the ARCS-2000 Auxiliary Radio Communication System ensures that Firefighters and other First Responders can communicate clearly, allowing more effective and organized emergency response within a building.

Each Firecom ARCS-2000 Auxiliary Radio Communication System is custom designed to meet the operational and performance goals defined for its host building. The number and locations of the OC-1 Operator Consoles ensures coverage for primary, secondary, and even tertiary Event Response Centers. The location of the RPT-1 Repeater Cabinet can be remotely located from the OC-1 Operator Console.

An associated service contract can be constructed that ensures NYC bulletin compliance by employing service personnel that hold the appropriate certificate of fitness, providing proper commissioning, acceptance testing, and continued periodic inspection and testing including annual certification and five-year recertification. Continued comparison of yearly performance data will ensure that any construction modifications that occur within the building are detected and compensated for by moving or recalibrating the distributed antenna components.

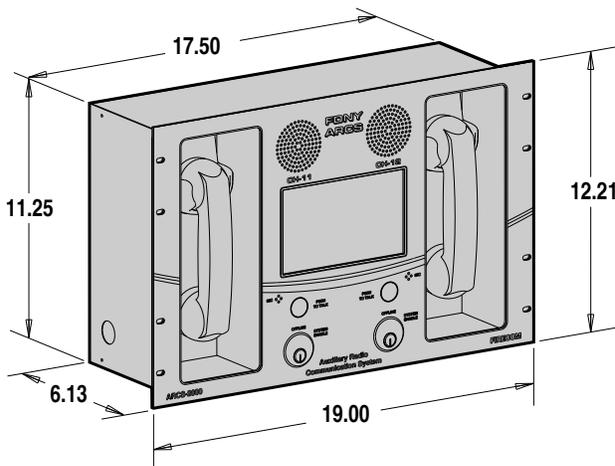
Engineering Specification

When a Response Team is dispatched and arrives at the building with the ARCS-2000 System, the Event Coordinator instructs all members of the team to tune to the appropriate Tactical Channel. The Event Coordinator then uses a city-wide standard key to unlock the use of the appropriate channel of the system, in New York City, the choice is between Channel 11 and Channel 12. Once the ARCS-2000 system is switched from the Offline to the System Enable mode, the ARCS-2000 System will amplify the signals used by the portable radios assigned to the Response Team and facilitate communications throughout the covered areas of the building. When communicating with the Response Team, the Event Coordinator has the choice of using his or her personal portable radio, the console panel mounted microphone (with a Push-To-Talk feature) and speaker, or a noise cancelling telephone style handset (with a Push-To-Talk feature).

The health of the ARCS-2000 system is constantly monitored and fault conditions will be indicated upon the LCD display.

The OC-1 Operator Console contains all the displays and controls required to manage, maintain, and operate the ARCS-2000 System. Duplicate sets of microphones, speakers, and handsets provides the means to operate both Tactical Channels simultaneously, if necessary. Up to 6 OC-1 Operator Consoles can be installed within the building. Typical locations for the Operator Consoles may be in the lobby of the building, in a loading dock, or in a Security Operations Center.

Every component within the ARCS-2000 system supports full battery backup, allowing full compliance with NYC guidelines of 12 hours.



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Electrical Specifications

Operating Voltage/Current	24VDC @ 1A
Operating Temperature	72°F Target Temperature Controlled
Operating Humidity	Humidity Controlled

Ordering Information

Model No.	Part No.	Description
OC-1	77530	Operator Console

It is our intention to keep the product information up to date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information contact: FIRECOM, INC.

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