



# ROANWELL CORPORATION

*Designer and manufacturer of rugged communications equipment and close tolerance precision parts*

## COMPANY OVERVIEW

ROANWELL CORPORATION is a leading designer and manufacturer of acoustic headsets, handsets, microphones, earphones, cords, cables and accessories for military and commercial applications. The company has been in existence since 1948, designing and developing high quality acoustic products to meet the ever changing needs of the modern communications landscape.

- Strong knowledge base in acoustics, communications systems, and electrical engineering
- Woman and Veteran owned
- AS9100 and ISO9001 Certified
- Located in a Hubzone/Empowerment zone
- ITAR registered
- Held 42 patents (noise-canceling microphone, carbon microphone, variable capacitor)
- Over 300 Active NSN's
- FAA Certified

### **Design, Manufacture and Test facilities for rugged Acoustic Products including:**

- Acoustic sensors and components
- Manufacture of headsets, handsets, cables, switches and microphones
- Meets performance and environmental specifications and standards
- Roanwell has in-house design, manufacture and test facilities to create all aspect of acoustic products, including earphones, microphones, cable assemblies, precision machined parts and overmolded connectors
- Currently Roanwell has products installed on ground, shipboard, airborne and space based applications

## RESEARCH AND DEVELOPMENT

In order to create the Communication Equipment of Tomorrow, Roanwell is actively involved in the following areas of research:

**Acoustics, Speech Intelligibility, Spatial Audio, Speech Communication, Novel Acoustic Sensors, Materials Research**

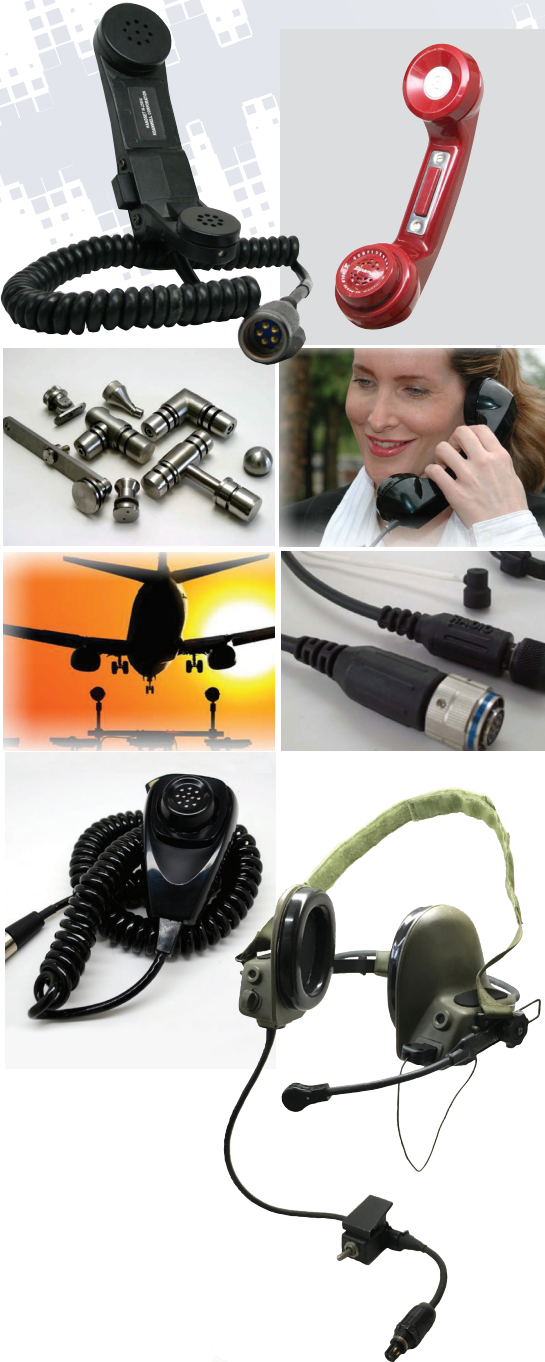
As hearing conservationists, we at Roanwell are continually looking for solutions which reduce the threat of noise and which protect the hearing organs.

Accordingly, Roanwell is actively pursuing projects in two additional areas:

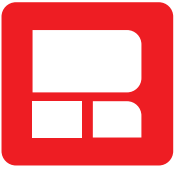
**Hearing Protection, Medical Devices**

Roanwell has a **World-Class Acoustic Test Facility** including state of the art acoustical test and measurement equipment, head and torso simulators and an anechoic chamber. Strong contacts from Academia and other Research Institutes are in network

**ROANWELL CORPORATION** | 2564 Park Avenue | Bronx, NY 10451 | T. (718) 401.0288 | F. (718) 401.0663  
Email: sales@roanwellcorp.com | www.roanwellcorp.com | © Roanwell Corporation 2016. All Rights Reserved  
Roanwell is a woman and veteran owned, Hubzone, small business



*Roanwell*  
CORPORATION



## ROANWELL CORPORATION

*Designer and manufacturer of rugged communications equipment  
and close tolerance precision parts*

### OUR CAPABILITIES

Roanwell Corporation has a design and manufacturing facility consisting of 16,000 square feet located in Bronx, New York. The facility contains a production floor, inspection areas, environmental testing laboratories, acoustical test facilities, and an Engineering Area, which houses Roanwell's Research and Development and Product Design personnel. Additionally, Roanwell also has a 6,000 square foot precision machine shop located in Pepperell, MA.

Roanwell personnel fabricate all types of electrical wiring harnesses and connectors, mechanical assemblies, and electrical assemblies (including Printed Circuit Boards). All assembly staff are certified in J-STD-001, Class 3 soldering.

Roanwell's facilities include an In-house tool room, and multiple molding stations. This allows Roanwell to rapidly design and produce new molds to customer's requirements.

Roanwell's Quality System is certified to AS9100C and ISO9001:2008

**Manufacturing Capabilities:** J-STD-Class 3 Soldering, Lean Manufacturing, Injection Molding, Overmolding, Turning, Milling, Forming, Tool Shop, Degassing, RTV molding

**Mechanical:** 3D Printer, CAD Design, CAM design

**Environmental Testing:** Humidity and Test Chamber, Salt Fog Test Chamber, Altitude Chamber

**Acoustic:** SoundCheck Acoustical Test and Measurement, GRAS Kemar Head & Torso Simulator, Anechoic Test Chamber, Sound Attenuation Measurement, Measurement Microphones, Loudspeakers, Audio Amplifiers, B&K Mouth and Ear Simulators, Pistophones, Measurement Amplifiers

**General Use:** Bend Test Machine, Cable Test Machines, National Instrument DAQ, Fluxmeters, Function Generators, Oscilloscopes, Multimeters



### Agencies We Supply



### DIVISIONS

Roanwell Corporation also includes the following divisions:

**Absolute Manufacturing:** High Precision Tight Tolerance Machine Parts:  
[www.absolutemanufacturing.com](http://www.absolutemanufacturing.com)

**DGM4Parts:** Contract manufacturing of wire harnesses: [www.dgm4parts.com](http://www.dgm4parts.com)

**Paramount Cords:** Designer and Manufacturer of camera and sync cords:  
[www.paramountcords.com](http://www.paramountcords.com)



*Roanwell*  
CORPORATION

ROANWELL CORPORATION | 2564 Park Avenue | Bronx, NY 10451 | T. (718) 401.0288 | F. (718) 401.0663  
Email: [sales@roanwellcorp.com](mailto:sales@roanwellcorp.com) | [www.roanwellcorp.com](http://www.roanwellcorp.com) | © Roanwell Corporation 2016. All Rights Reserved  
Roanwell is a woman and veteran owned, Hubzone, small business