



## Application Guide Clean Room Intercom



### Benefits

- User Adjustable Controls
- High Quality Audio
- Durable and Reliable
- User Friendly Operation
- Easy to Install and Expand
- Engineered and Built in the U.S.A.
- 36-Month Limited Warranty - See website for details

A clean room is an environment, typically found in scientific research and certain manufacturing facilities, with a controlled level of contamination. From an audio and acoustic perspective, a clean room is a challenge because they usually have high noise levels from equipment and contain many hard, reverberant surfaces.

Often times in a clean room there is a need to communicate from inside the clean room to the outside of the entry door and this communication demands the highest level of quality, reliability, and intelligibility.

The Tech Works IC Series is a perfect solution for the communication needs of your clean room. By strategically placing intercom stations both in and out of each clean room, workers on the outside can push a button on the station and carry on a conversation with the people inside just like they were together in the room.



### Features

- |                               |   |
|-------------------------------|---|
| <b>Customizable</b>           | Add the optional footswitch and choose from many different speaker, headset, and microphone combinations to make this versatile system work for you |
| <b>Automatic Gain Control</b> | Maintains consistent sound output level from a whisper to a shout without distortion or loss of signal  |
| <b>Mounting Options</b>       | Choose Desk Mount, Rack Mount, or Wall / Under Counter Mount depending on your specific needs   |

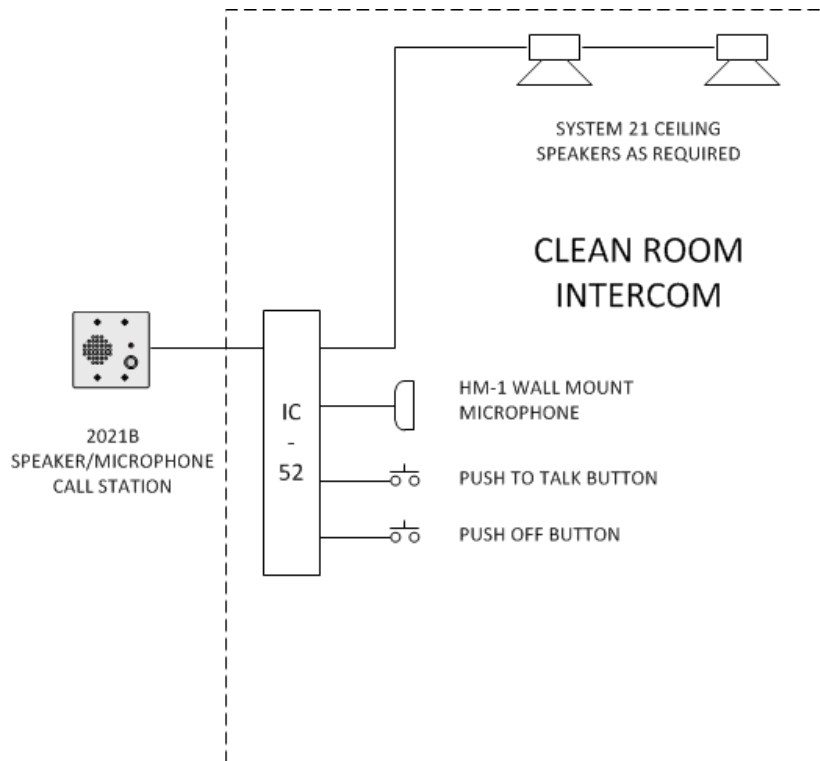


## Tech Works®

Making Specialized Communication Easy

1-800-813-1080 | [www.tech4people.com](http://www.tech4people.com)

## System Design Layout and Connections



## System components

### Part No.

<b>IC-52B-WM</b>	Two Channel Intercom Amplifier with Logic Control (Wall Mount or Under Counter Mount) (24 VDC Power Supply NOT included)
<b>HM-1</b>	Hidden Microphone - Interrogation Pickup
<b>WS-2</b>	Custom Wall Switch with push to Talk and Push to Listen control
<b>SYSTEM5 or SYSTEM21</b>	Ceiling Speaker Assembly with 25-Volt Transformer for Drop-in Ceilings Ceiling Speaker Assembly with 25-Volt Transformer for Hard Ceilings
<b>2021B</b>	Vandal Resistant Intercom Speaker with Call Light and Call Switch
<b>FS-1-PLUS (OPTIONAL)</b>	Foot Operated Switch Includes Jack Wall Plate with connectors and 15 Foot Cable

