



Application Guide Clean Room All Page (Mix-Minus)



Benefits

- Professional Quality Audio
- 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

When individuals in different clean environments need to talk, sometimes they don't know where the other person is. Tech Works came up with the solution where each clean room gets a microphone, a speaker, and a Push to Talk switch. Any room can push their Talk switch and talk to the other clean rooms. When a response is required, the other individual repeats the process from their location. No need to move from one clean environment to the other which can be time consuming.

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

- | | |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Automatic Gain Control | Maintains consistent sound output level from a whisper to a shout without distortion or loss of signal |
| Recording Outputs | Configurable to allow recording of what was heard, or what either or all parties said to be maintained as evidence, or future review |
| Mounting Options | Choose Desk Mount, Rack Mount, or Wall / Under Counter Mount depending on your specific needs |

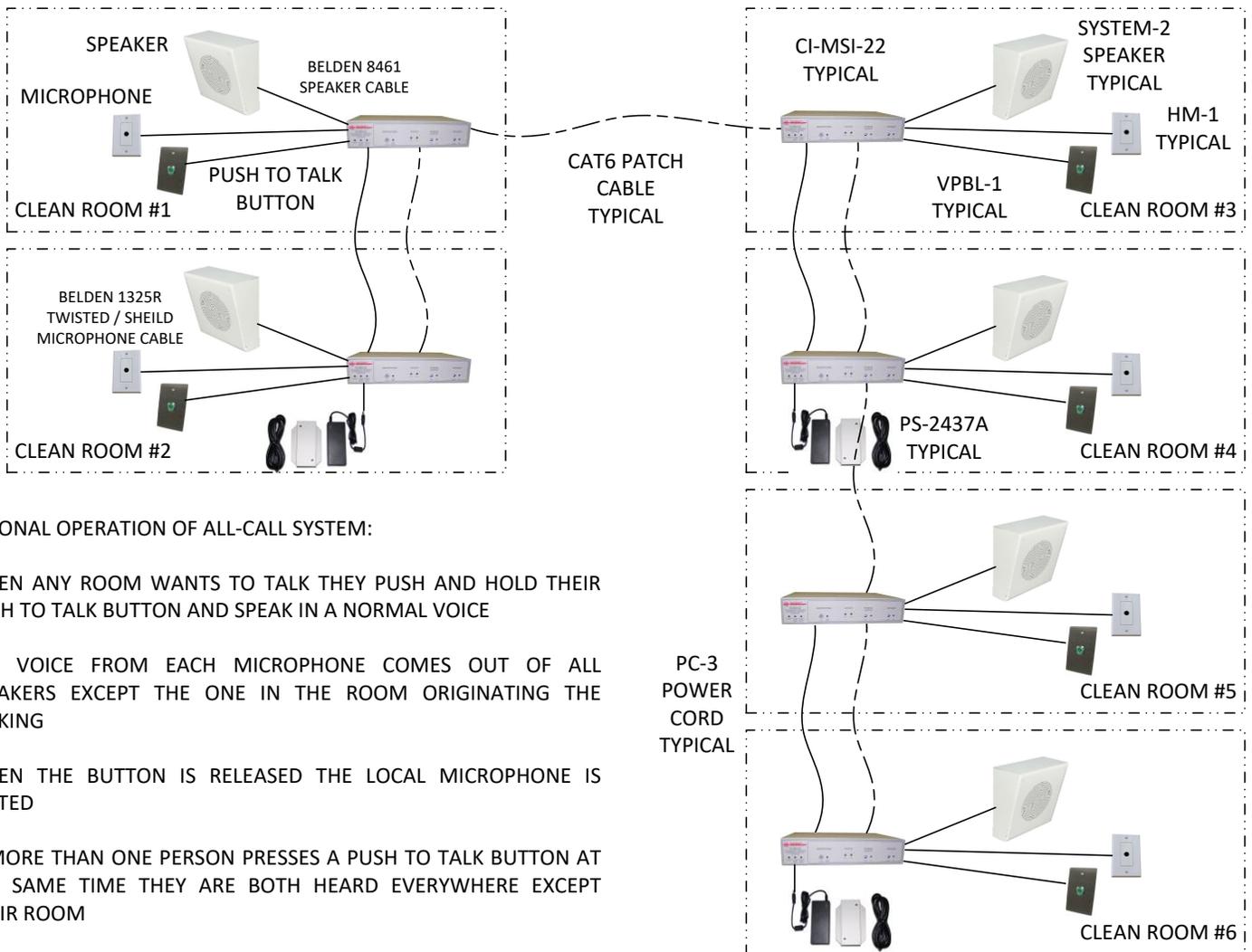


Tech Works®

Making Specialized Communication Easy

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System Design Layout and Connections



FUNCTIONAL OPERATION OF ALL-CALL SYSTEM:

WHEN ANY ROOM WANTS TO TALK THEY PUSH AND HOLD THEIR PUSH TO TALK BUTTON AND SPEAK IN A NORMAL VOICE

THE VOICE FROM EACH MICROPHONE COMES OUT OF ALL SPEAKERS EXCEPT THE ONE IN THE ROOM ORIGINATING THE TALKING

WHEN THE BUTTON IS RELEASED THE LOCAL MICROPHONE IS MUTED

IF MORE THAN ONE PERSON PRESSES A PUSH TO TALK BUTTON AT THE SAME TIME THEY ARE BOTH HEARD EVERYWHERE EXCEPT THEIR ROOM

System components

Part No.

HM-1	Hidden Microphone - Interrogation Pickup
CRS-CS	Speaker Assembly with 25-Volt Transformer for Hard Ceilings
CRS-WM	Wall Speaker Assembly with 25-Volt Transformer
FS-1-Plus	Push to Talk Foot Switch
VPBL	Push to Talk Wall Switch
CI-MSI-22	Collaborative Intercom Microphone/Speaker Interface
PS-2437A	Power Supply 3.75 Amps, 24V DC, UL/CSA Listed with Mounting Bracket
PC-	Power Cord - 5mm barrel connectors on each end
CAT6	CAT6 Patch Cord

