



Application – Security/Prison Intercom Tech Works Solution – ICA-202

General Description –

In Sophisticated Security and Prison Integration systems a simple yet robust high quality amplifier is required. The Tech Works ICA-202 gives the systems integrator everything they need with no frills. With PLC compatible interface for controls such as Push To Talk, Page, Privacy Tone, Call-Tone, Mute, Activate, and Shut Off the Amplifier does exactly what you want, very simply and with the highest quality and reliability.

No other intercom amplifier gives you 2 discreet channels of audio control with 20 Watts RMS into 25-Volt loads. This unit uses the same reliable electronic switching and Automatic Gain Control found in the Tech Works IC-52 for crystal clear, articulate communication, even in the worst acoustic environment. The 20 Watts is typically enough power to do small All Pages and talk to large areas such as Day Rooms and Hallways. If the Paging load gets bigger than 20-Watts just add the Tech Works PA-401 amplifier as required.

Add to all this, line output for paging, for recording all communication, and the selectable Privacy Tone and you have the ultimate intercom amplifier. You can record what was said by the remote station, and what was said by the by the operator. In surveillance applications where you don't want the remote to know they are being monitored you can turn off the Privacy Tone or in Right to Privacy applications you can turn it on. The Privacy Tone sounds only if the Operator does not speak for approximately 20 seconds. If there is two-way communication the Privacy Tone stays muted.

By adding the right **Accessories** the communication between the Operator and the Remote is not only clear and concise but also easy to operate with little or no training for the staff. Speakers are typically Ceiling mounted. A Gooseneck Microphone is typically located in front of the Operator personnel. Remote Speakers can be any industry standard 25-Volt Speaker and usually are Stainless Steel Vandal Proof type units with integral call switch. Remote Stations are available with call assurance lights.

Basic system components:

Product	Purpose or Function
ICA-202	Two Channel Intercom Amplifier
DODC-1	Detention Operator Desk Console
VPSS	Vandal Proof Speaker Station



Tech Works™

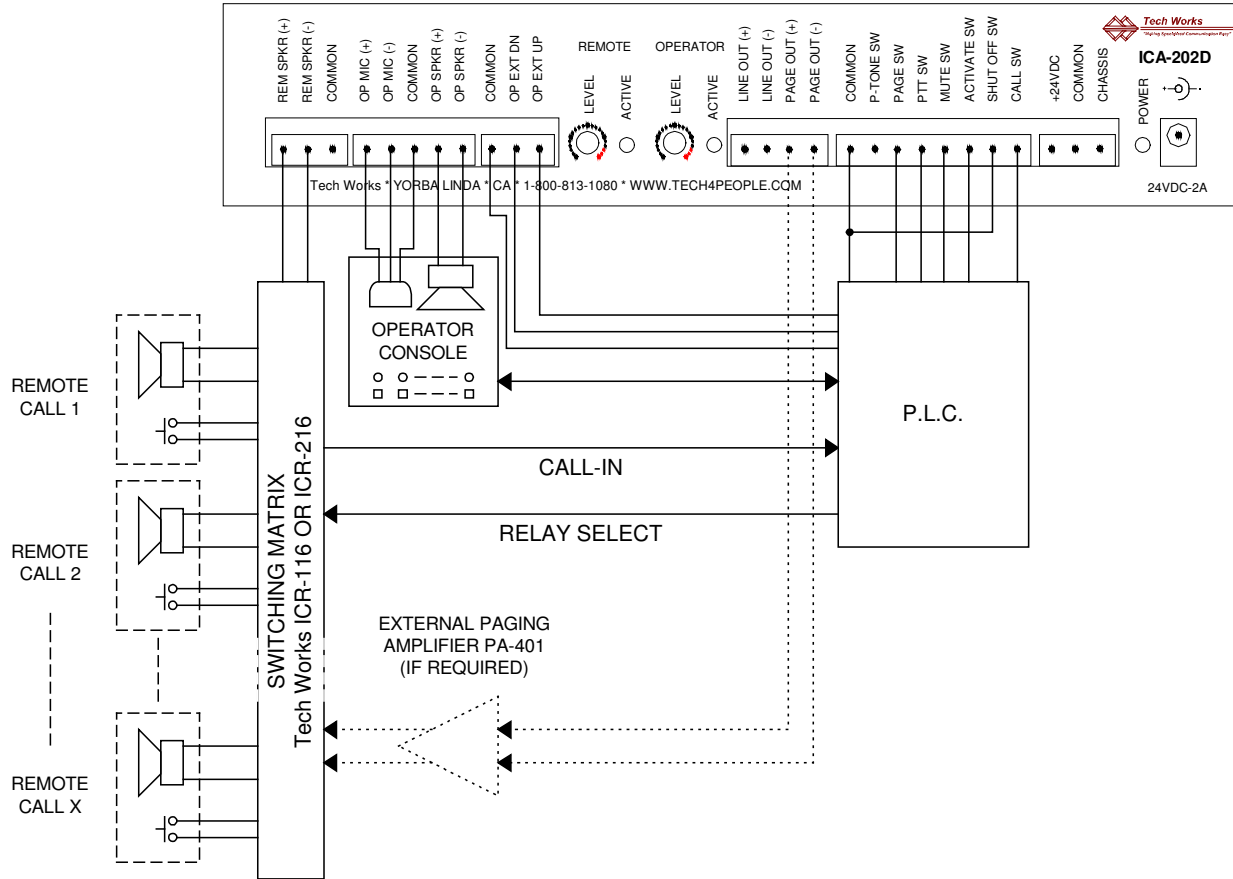
"Making Specialized Communication Easy"

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System Design Layout and Connections –



Components –

<u>Qty</u>	<u>Part #</u>	<u>Description</u>
1	ICA-202	Two Channel Push to Talk Amplifier
1	DODC-1	Detention Operator Desk Console
As Reqd.	VPSS	Vandal Proof Speaker Station

Benefits of using Tech Works –

Very Versatile, Easy to use, High Quality Audio, Automatic Level Control, Push To Talk Very Fast Simplex Operation, Solid State Switch <3mS, Integral Privacy and Call-Tones, Recording Outputs, 20-Watts of true Audio Power.