



DODC-4

Detention Operator Desk Console

BENEFITS

- Rugged Design
- High Quality Audio
- Wide-range condenser mic. element with low-mass diaphragm for superior performance
- Self-contained electronics eliminate need for external power modules
- Flat, smooth frequency response
- Designed Specifically for Corrections

The DODC-4 includes a powder coated metal base with a stainless steel Faceplate, hidden condenser Microphone, a 3" Speaker, and 3 Vandal Resistant Push Button Switches specifically designed for the Detention industry. With its pre-wired cord it is perfect for those locations where some user control is required. The Face is Laser Engraved to prevent wear and destruction of labeling. One button is a "Talk" (Push To Talk) and the other 2 buttons are "Listen" gain Up and Down to control the listening sensitivity.

The microphone is mechanically shock resistant mounted on the front of the unit. An electronic balancing circuit shapes the omnidirectional microphone for high voice band sensitivity while adapting it for low impedance connection over long wire lengths with minimal noise. Wiring is a standard twisted, shielded audio pair cable.

The integral 3" loudspeaker is moisture resistant and includes vandal resistant metal barriers to protect it from abuse. The speaker has a 45 ohm Voice Coil for proper impedance matching to the ICA-202D Amplifier.

Associated Equipment

FS-1-Plus	Foot Switch
IC-52B	2-Channel Intercom Amplifier
ICA-202D	Intercom Amplifier
PA-402	Paging Amplifier
PS-2437A	Power Supply
VPSS-L	Vandal-proof Speaker Station w/ Call Button

Design Information

Power	Microphone: 9-52V DC Speaker: 4W
Dimensions	5" W x 8" D x 4" H
Frequency Response	Microphone: 70 - 16k Hz Speaker: 150 - 10k Hz
Pattern	Cardioid
Impedance	Microphone: 100 Ohms Speaker: 45 Ohms
Weight	5 lbs.

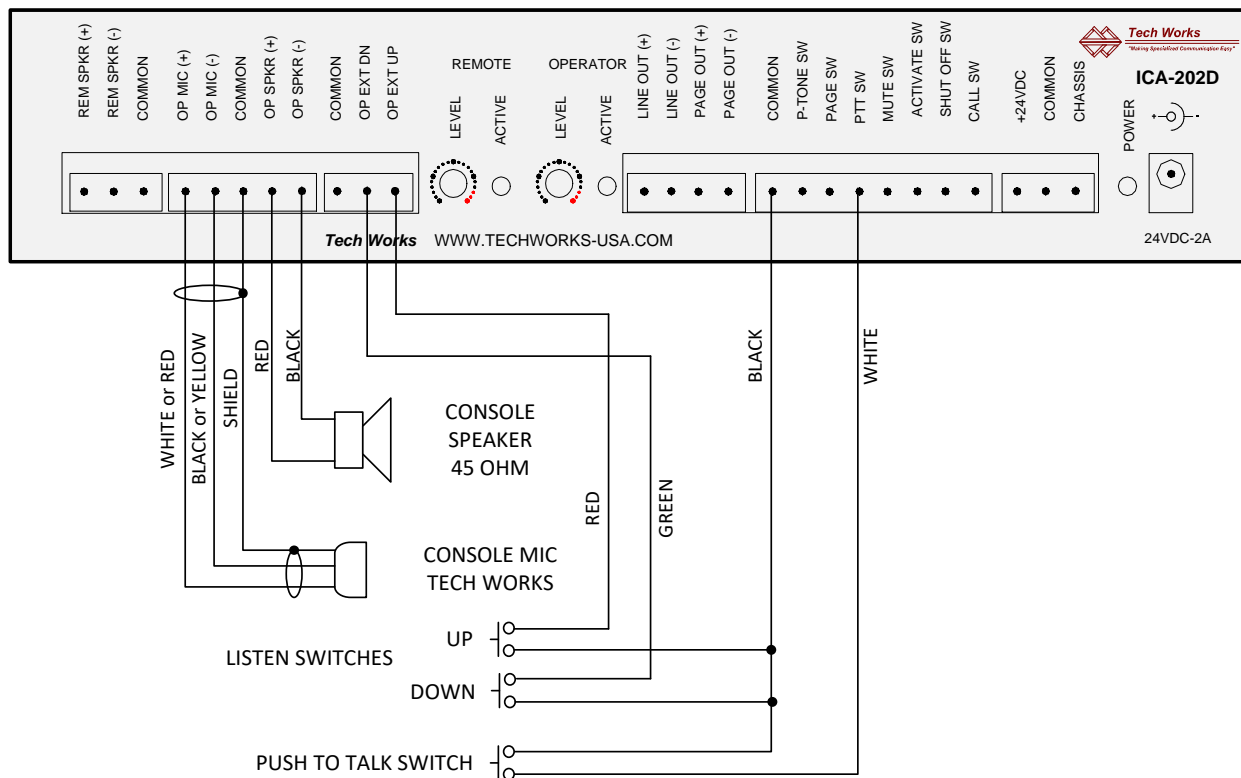


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"Making Specialized Communication Easy"



Wiring Diagram:



Architects' & Engineers' Specifications

The Operator Desk Console shall be a vandal resistant metal enclosure including a microphone, a speaker, and control push buttons. The console shall have a powder coated metal base with a stainless steel faceplate. The face shall be Laser Engraved to prevent wear and destruction of labeling. One button shall be labeled "Talk" (PTT) and the other 2 buttons are "Listen" gain Up and Down to control the listening sensitivity.

The microphone shall be a wide-range condenser type with omnidirectional polar pattern. The microphone shall be flush mounted to prevent damage and abuse and operate on any 9V to 52V DC phantom power source.

Two vandal proof steel type switches shall be mounted in the console for remote control of system Push to Talk and Page functions.

The speaker shall be a 3 inch water resistant 45 ohm general purpose device with ceramic magnet and a frequency response of 150 - 10K Hz.

Wiring shall be a 10 foot cable pigtail with protective wrapping.

The Operator Desk Console microphone and speaker shall be Tech Works DODC-4

Option associated equipment

Tech Works ICA-202D Dual Channel Intercom Amplifier

Tech Works PA-401 Paging Amplifier

Tech Works ICR-116 Intercom Station Relays

