



DODC-1

Detention Operator Desk Console

BENEFITS

- Rugged Design
- High Quality Audio
- Wide-range condenser mic. and superior performance
- Self-contained electronics eliminate need for external power modules
- Flat, smooth frequency response
- Quiet, fixed-placement, long-life gooseneck
- Designed Specifically for Corrections

The DODC-1 includes a powder coated metal base with a stainless steel Faceplate, gooseneck condenser Microphone, a 3" Speaker, and 2 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 is "Page".

The PRO 49Q is a wide-range condenser microphone with a cardioid (unidirectional) polar pattern. It was designed for high-quality sound reinforcement and other demanding sound pickup situations. Standing 12.40" above the mounting surface, its small-diameter alternating gooseneck design permits highly flexible positioning while maintaining a smooth, well-contoured appearance. The PRO 49Q features a 9.8' (3.0m) permanently attached miniature cable with tinned bare lead wire connections. The microphone element is enclosed in a rugged housing with low-reflectance black finish.

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

DODC-2	Detention Operator Desk Console w/Hidden Mic
FS-1-Plus	Foot Switch
IC-52B	2-Channel Intercom Amplifier
ICA-202D	Intercom Amplifier
ICM-8C	Intercom Master
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.

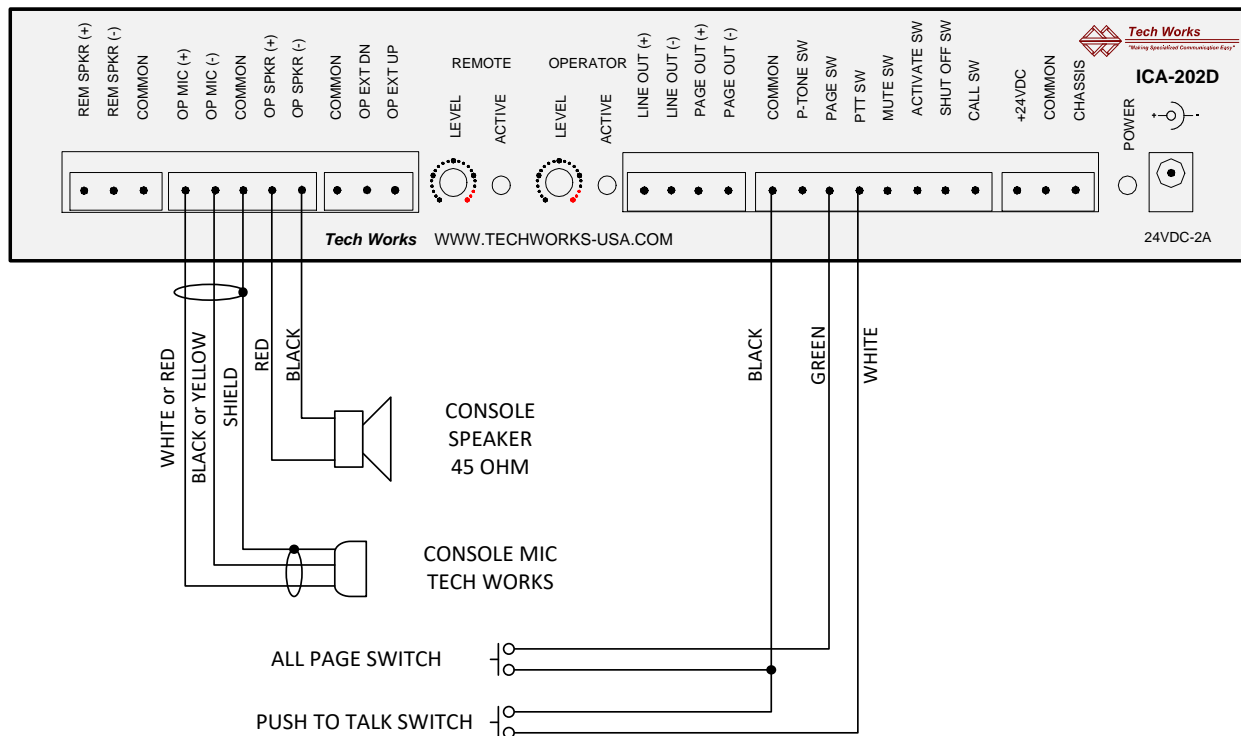


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"Making Specialized Communication Easy"



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 is "Page".

The microphone shall be a wide-range condenser type with unidirectional polar pattern and 12 inch gooseneck. The microphone shall 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-1

Option associated equipment:

Tech Works ICA-202D Dual Channel Intercom Amplifier

Tech Works PA-401 Paging Amplifier

Tech Works ICR-116 Intercom Station Relays

