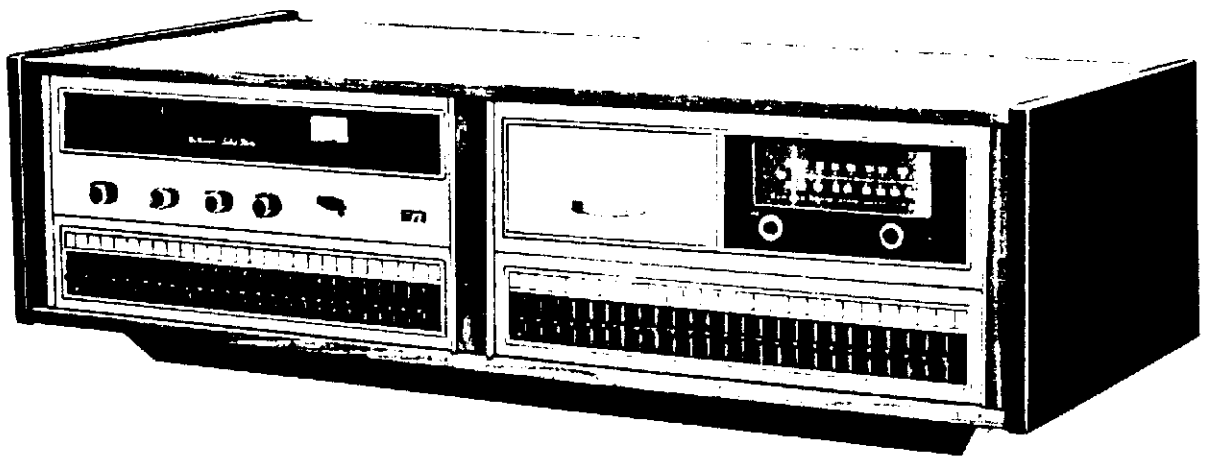


Operating Instructions

COMPACT COMMUNICATION CENTERS

MODELS 12A901, 12B901,
12C901, 12D901, 12A906



MODEL 12A901



COMMUNICATIONS SYSTEMS DIVISION
DUKANE CORPORATION ST. CHARLES, ILLINOIS 60174

The Dukane Compact Communications Center is available with several combinations of the basic functions. If your system does not include a tuner/cassette panel, those sections of the operating instructions may be ignored.

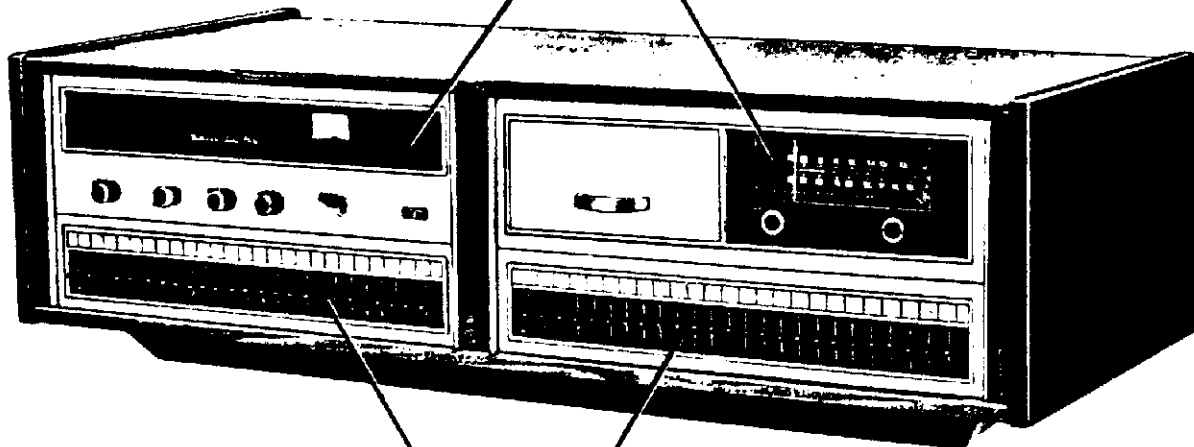
**CONTROL PANEL
(MODEL 1A951)**

Contains the primary power switch, Emergency switch, Program Selector switch and Volume Control, Monitor Speaker/Microphone and Volume Control, VU Meter, and Program-Listen-Talk Switch. Separate program and intercom amplifiers permit send-

ing program material to selected speakers and conversing with another speaker simultaneously.

**AM - FM TUNER/CASSETTE
TAPE PLAYER PANEL
(MODEL 10A155A)**

Source of AM and FM radio programs and prerecorded tape cassettes.



**SPEAKER SELECTOR PANELS
(MODEL 9A1416)**

Connects speaker lines for receiving

programs and two-way communication between selected speaker and control panel.

TO MAKE AN EMERGENCY ANNOUNCEMENT

1. Place Emergency switch to EMERGENCY position. This will activate the system, and connect the output from the control panel to all speakers.
2. Make announcement into Monitor Speaker/Microphone.
3. At the end of the announcement, replace Emergency switch in NORMAL position.

TO TURN COMMUNICATIONS CENTER ON

1. Press Power switch to ON; pilot light will glow and the center will be ready for immediate operation.
2. AM-FM TUNER/CASSETTE TAPE PLAYER PANEL will also be energized and indicator light will illuminate.

TO MAKE AN ANNOUNCEMENT TO ALL SPEAKERS USING THE CONSOLE MICROPHONE

1. Turn MONITOR control fully counter clockwise (off).
2. Select the console microphone on the PROGRAM SELECTOR switch (usually MIC 1 position).
3. While speaking into the microphone, advance the PROGRAM control until the VU meter needle fluctuates a little below the red section of the meter dial.
4. Place Emergency switch on Control Panel to the All Call position and make announcement.
5. At end of announcement, return Emergency switch to NORMAL position.

TO MAKE A CONSOLE MICROPHONE ANNOUNCEMENT TO SELECTED SPEAKERS

1. Turn MONITOR control fully counter clockwise (off).
2. Select the console microphone on the PROGRAM SELECTOR switch.
3. Place selector switches of speakers to receive announcement to the "P" position.
4. While speaking into the microphone, advance the PROGRAM control until the VU meter needle fluctuates a little below the red section on the meter dial.
5. At the end of announcement, return speaker switches to "0" position.

TO SEND A TAPE PROGRAM TO SELECTED SPEAKERS

1. Place all speaker selector switches to "0".
2. Place PROGRAM SELECTOR switch to TAPE.
3. Load cassette tape player and depress PLAY control.

4. Advance PROGRAM control until the VU meter needle fluctuates just below red section of meter dial and adjust MONITOR control for comfortable listening volume.
5. Rewind tape to start of program.
6. Place desired speaker selector switches to "P".
7. Depress PLAY control on tape player.

TO SEND A TAPE PROGRAM TO ALL SPEAKERS

1. Perform steps 1 through 5 in paragraph above.
2. Place Emergency switch on Control Panel to the All Call position.
3. Depress PLAY control on tape player.

TO SEND A RADIO PROGRAM TO SELECTED SPEAKERS

1. Place all speaker selector switches to "0".
2. Place PROGRAM SELECTOR switch to TUNER.
3. Advance PROGRAM and MONITOR controls.
4. Tune radio to desired station.
5. Advance PROGRAM control until the VU meter needle fluctuates just below the red section of the meter dial and adjust MONITOR control for comfortable listening volume.
6. Place desired speaker selector switches to "P".

TO SEND A RADIO PROGRAM TO ALL SPEAKERS

1. Perform steps 1 through 5 in paragraph above.
2. Place Emergency switch on Control Panel to the All Call position.

TO SEND A PROGRAM TO SELECTED SPEAKERS

1. Place all speaker selector switches to "0".
2. Select desired program source on PROGRAM SELECTOR switch.
3. Prepare program material.
4. Place desired speaker selector switches to "P".

INTERCOM OPERATION

1. Place desired speaker selector switch to "I".
2. Hold PROGRAM-LISTEN-TALK switch in TALK position and speak toward grille.
3. Release switch to LISTEN position to hear reply from speaker station.
4. At end of conversation, return PROGRAM-LISTEN-TALK switch to PROGRAM and speaker selector switch to "0".

TO ORIGINATE INTERCOM FROM A SPEAKER STATION

Speaker stations equipped with a "call-in" switch are able to originate a conversation with central control.

After initial contact is made with central control, the speaker station "call-in" switch is not used; central control has control of the conversation with the LISTEN-TALK switch. If a program is being aurally monitored at central control when a speaker station calls in, the call will be heard along with the program material.

1. Operate call-in switch and identify your station, then release switch.
2. At central control, place corresponding speaker selector switch to "I".
3. Press PROGRAM-LISTEN-TALK switch to TALK and answer speaker station via the speaker/microphone on the control panel. Release switch to LISTEN to hear reply.
4. Alternate operation of the switch between LISTEN and TALK establishes two-way conversation.
5. At end of conversation, return switch to PROGRAM and speaker selector switch to "0".