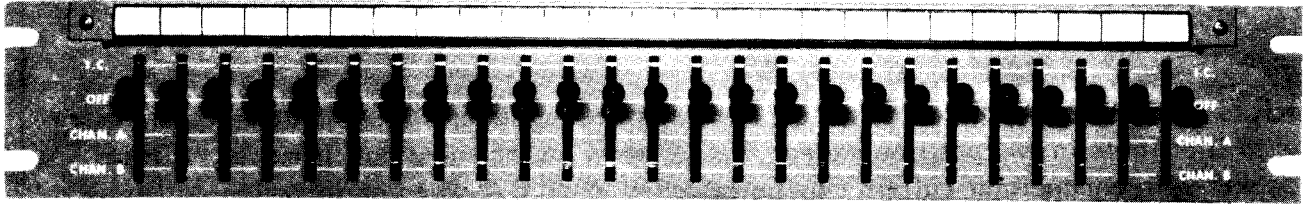


# DUKANE MODEL 9A565 ANNUNCIATOR & SELECTOR SWITCH PANEL



## GENERAL DESCRIPTION

The DuKane Model 9A565 Annunciator & Selector Switch Panel is designed for use in DuKane custom sound system consoles or racks to provide room or area program selection or intercom service and incoming call annunciator indication. The 9A565 provides sound system selection to 25 separate rooms or areas; it fits a standard 2-7/8 inches by 19 inches opening in all-metal consoles or racks.

## POWER REQUIREMENTS

The 9A565 Annunciator & Selector Switch Panel requires 100 milliamperes at 12 volts for each annunciator lamp; the DuKane Model 17A85 Power Supply or equivalent may be used for this purpose (see accessories below).

## PARTS AND ACCESSORIES (available)

Power Supply: Du Kane Model 17A85.  
Designation: DuKane Part No. 226-355.  
Strip:  
Plastic Strip: DuKane Part No. 282-5 (cut 15-5/8 in. long).  
Annunciator Lamp: Du Kane Part No. 456-43 (G.E. type #19 or equiv.).  
Knob: DuKane Part No. 440-61 (Switchcraft #T-1083-2).  
4-Pos. Switch: Grigsby #2 1304-6718 LR-6.

## PREPARATION FOR USE

Make electrical connections to terminal strips at each side of 9A565. Connect OFF line (from Master Control Panel in console or rack) to terminals labeled "OFF"; connect I.C. line (from Master Control Panel) to terminals labeled "I.C."; connect program line from Channel A power amplifier to terminals labeled "A"; connect program line from Channel B power amplifier to terminals labeled "B". Connect 12 volts (preferably DC) to terminal labeled HI; connect power supply ground (minus) to terminal on copper conductive strip.

## IMPORTANT NOTE

Use only ROSIN core solder for all electrical connections.

Connect room speaker line to the pair of terminals at each number, i.e., 1, 2, 3, etc., which appears either below or above the pair of terminals; connect speaker line shields to terminals labeled "S" Connect annunciator line to terminal labeled "A" for each room or area.

## OPERATION

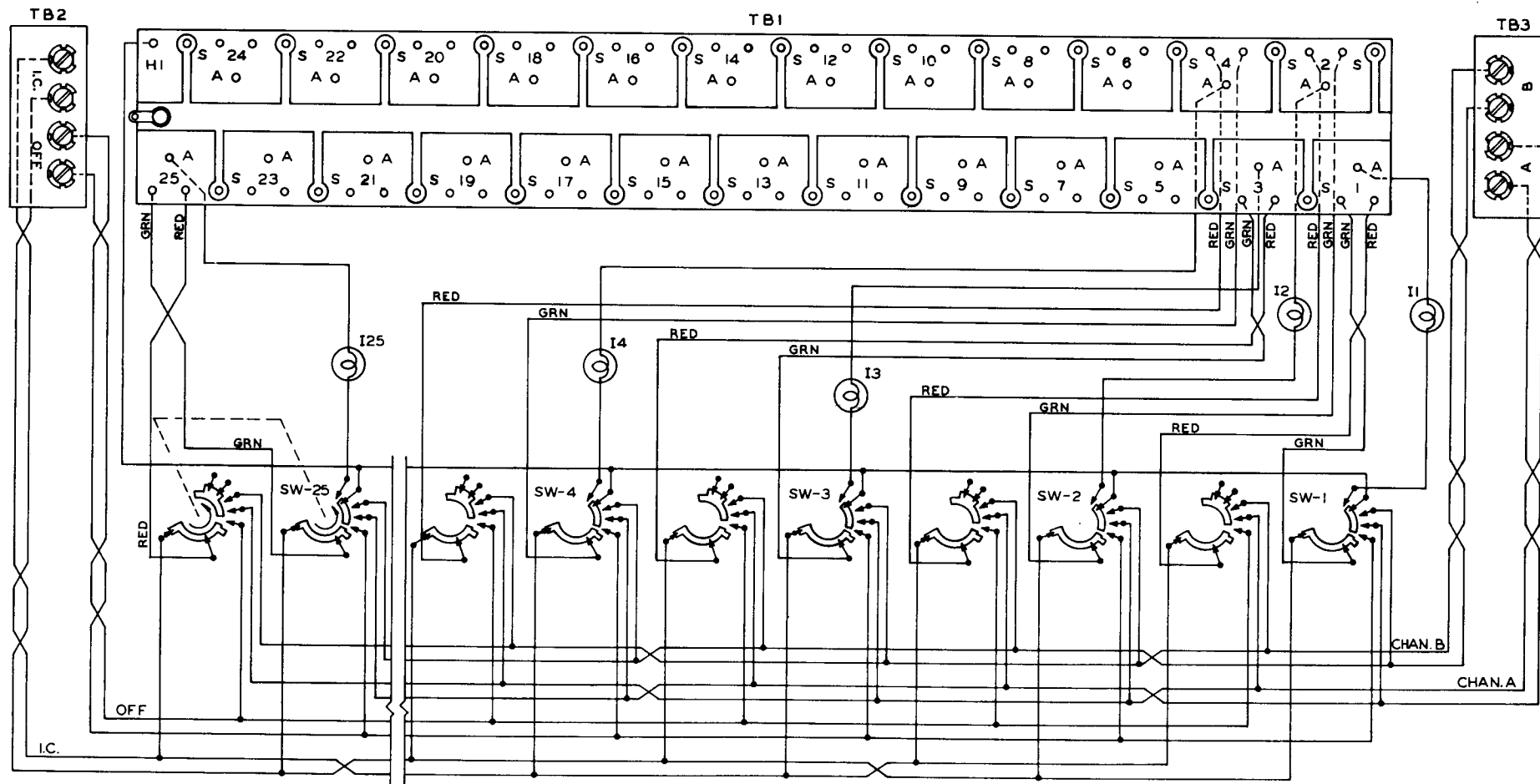
Each switch lever provides separate control for a room or area speaker. Annunciator lights are connected to illuminate in any position except "I.C." when an incoming call is made. A room or area speaker with annunciator call-in may be switched to "I.C." when an incoming call is made; the intercom conversation is controlled with the talk-listen switch on the Master Control Panel or on the Intercom Unit in the console.

Program selection may be separately controlled for each room or area speaker, i.e., any speaker selector switch may be set to either Channel A, Channel B, or OFF, depending upon the choice of sound service for the room or speaker area.

## MAINTENANCE

No extensive maintenance is required for the Model 9A565 Annunciator & Selector Switch Panel except an occasional functional check. To change one of the annunciator lamps, unfasten the screw at each end of the designation strip above the switch levers; remove the designation strip bracket to reach annunciator lamps. Pull out the burnt out lamp and replace with one which is good. Any loose connection can cause intermittent and noisy operation; be sure that no bare wire touches another wire or terminal or any metal part. In the event that this unit does not function properly, consult your nearest authorized DuKane distributor or dealer for prompt service.

NO. REV'D	USED ON
1	9A565



NOTE:

1. WIRING IS TYPICAL FOR 25 SWITCHES. BOTH SIDES OF SWITCHES SHOWN IN I.C. POSITION.
2. I.C. LEADS TRANSPOSED BETWEEN SW-2 & SW-3, AND BETWEEN EVERY SECOND SWITCH THEREAFTER.
3. CHANNEL "A" & CHANNEL "B" LEADS TRANSPOSED BETWEEN SW-1 & SW-2 AND EVERY SECOND SWITCH THEREAFTER.
4. OFF POSITION LEADS WIRED STRAIGHT THRU.
5. SPEAKER LEADS TWISTED.  
(ALL ODD NUMBERS 1, 3, 5--25 TO BE WIRED SAME.)  
(ALL EVEN NUMBERS 2, 4, 6--24 TO BE WIRED SAME.)

I1-I25	PART NO	456-43	02	03
SW-1 - SW-25	"	680-313		
TB1	"	703-343		
TB2	"	703-344		
TB3	"	703-345		

03	HITO-25WAS 456-57	2-14-62	
02	HITO-25WAS 456-43	5-11-61	
01	ADDED EARS TO BAR & REV. LONG CONTACTS ON I.C. TO SHORT CONT.	11-25-59	03
ISSUE	WAR	DATE	APP'D

**DUKANE**  
CORPORATION  
ESTABLISHED AS "OPERAUDIO" 1922  
ST. CHARLES, ILLINOIS, U. S. A.

SCHEMATIC DIAGRAM  
MODEL 9A565

SCALE	DATE	5-8-59
DRAWN	APP'D	K.
CHECKED	ENGR	REC
		NO. 190-912