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Technical Services Information Sheet



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SETTING KPS AND PX-603 DIP SWITCHES

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OVERVIEW

Dual In-line Package Switches – These small switches are found on the processor board of the Audioaccess KPS keypad and the rear panel of the Audioaccess PX-603 Multi-Room Expander. A binary code is used to identify a keypad location, programmed for a specific Zone, Sub Zone (Room), and System address in an Audioaccess system.

SETTING THE SWITCHES

Dip switch #9 in the “Down” position is used to turn “on” the built-in IR Receiver on the keypad. Turning off the IR receiver (dip switch setting in ‘up’ position) will overcome communication disruption caused by sunlight interference. Dip switch #10 in the “down” position adds impedance or termination to the data lines when required. One keypad per system should be “terminated” to aid identification and recognition of data communications between keypads and the Audioaccess controller. (Never terminate all or most of the keypads)

The following is a guide to set up your systems

Switch Identification

Switch	Function	
1-3	Set Zone Codes	Zones can be 1 through 6 (The Main zone is zone#6)
4 and 8	Set PX-603 Room Codes	Rooms can be 0 through 3
5-7	Set System Codes	Systems can be 0 through 6. Single systems are set as System 0 (zero) and multi systems start at System 1
9	Enable or Disable the IR receiver on KPS keypads	Systems not using IR. should have this setting DISABLED to avoid IR. Interference.
10	Adds 10K ohms of impedance across data lines	If system responds slow to a KPS keypad, change the position of this switch on the KPS.

Switch Settings

Setting	Switch #:											
	1	2	3	4	5	6	7	8	9	10		
Zone 1	up											
Zone 2		up										
Zone 3	up	up										
Zone 4			up									
Zone 5	up		up									
Zone 6 (main)		up	up									

Room 1		up							
Room 2							up		
Room 3				up			up		

System 1				up					
System 2					up				
System 3				up	up				
System 4							up		
System 5				up			up		
System 6						up	up		

IR On								down	
IR Off								up	

Add impedance									down
No impedance									up

Note: a blank field indicates the dipswitch is in a down position.