

SNV-12 Voter Quick Reference Help Sheets

Chassis, Power Supply, and CIM Module

<i>SNV-12 Configuration Settings and Adjustments (0=Off, 1=On)</i>																																							
Chassis Rear Panel:	Designator	Factory Setting	Switch Choices																																				
AC Line Voltage Rear Panel	AC Input Module	110 VAC (Unless Customer Specifies 220 VAC)	110 VAC/ 220 VAC (nominal)																																				
Power Supply Module:	Designator	Factory Setting	Switch Choices																																				
Charger ON/OFF (PSM-1A Module)	SW3	OFF	OFF = Charger Disabled , ON = Charger Enabled																																				
CIM Module Configuration:	Designator	Factory Setting	Switch Choices																																				
Console TX Audio Delay	SW1	60 ms	0=0, 1=30ms, 2=60 , 3=90, 4=120, 5=150, 6=180, 7=210, 8=240, 9=270, A=300, B=330, C=360, D=390, E=420, F=450ms																																				
Transmitter Control; TX Output Key Tones [For Function Tone Guided TX Steering, also enable Key Tone Detection (CIM SW2-6) and select groups on SVM modules] [EIA sequence standard levels (relative to voice): Alert +10 dB, Function 0dB, Hold -20 dB Optional levels (see CIM-2A switch SW4-3): Alert 0 dB, Function -10 dB, Hold, -20 dB]	SW2-1, 2, 3	Key Tones Disabled	<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>SW2-1</u></th> <th style="text-align: left;"><u>SW2-2</u></th> <th style="text-align: left;"><u>SW2-3</u></th> <th style="text-align: left;"><u>Status</u></th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>0</td> <td>0</td> <td>1950 Hz (single, constant)</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>2175 Hz (single, constant)</td> </tr> <tr> <td>1</td> <td>1</td> <td>0</td> <td>2600 Hz (single, constant)</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>2950 Hz (single, constant)</td> </tr> <tr> <td>1</td> <td>0</td> <td>1</td> <td>Reserved</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>Function Tone Guided TX Steering</td> </tr> <tr> <td>1</td> <td>1</td> <td>1</td> <td>EIA F1 (1950 Hz) function tone</td> </tr> </tbody> </table>	<u>SW2-1</u>	<u>SW2-2</u>	<u>SW2-3</u>	<u>Status</u>	0	0	0	Disabled	1	0	0	1950 Hz (single, constant)	0	1	0	2175 Hz (single, constant)	1	1	0	2600 Hz (single, constant)	0	0	1	2950 Hz (single, constant)	1	0	1	Reserved	0	1	1	Function Tone Guided TX Steering	1	1	1	EIA F1 (1950 Hz) function tone
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Key Tone Output Level Relative to Voice Audio (Single Tones Only – Does not apply to EIA)	SW2-4, 5	-5 dB	<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>SW2-4</u></th> <th style="text-align: left;"><u>SW2-5</u></th> <th style="text-align: left;"><u>Attenuation</u></th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>-20 dB</td> </tr> <tr> <td>1</td> <td>0</td> <td>-15 dB</td> </tr> <tr> <td>0</td> <td>1</td> <td>-10 dB</td> </tr> <tr> <td>1</td> <td>1</td> <td>-5 dB</td> </tr> </tbody> </table>	<u>SW2-4</u>	<u>SW2-5</u>	<u>Attenuation</u>	0	0	-20 dB	1	0	-15 dB	0	1	-10 dB	1	1	-5 dB																					
<u>SW2-4</u>	<u>SW2-5</u>	<u>Attenuation</u>																																					
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1	0	-15 dB																																					
0	1	-10 dB																																					
1	1	-5 dB																																					
EIA Key Tone Detection-Console TX Audio Input Unless CPM SW1-5 is Off, EIA Key Tones will not enable or disable Repeat Mode	SW2-6	Disabled	0= EIA Key Tone Detection Disabled 1= EIA Key Tone Detection Enabled 1950 Hz = Key 1550 Hz = Enable Repeat Mode (CPM SW1-5 must be Off) 1450 Hz = Leave Repeat Mode (CPM SW1-5 must be Off)																																				
Site Unsilence Time Limiter (three minute limit)	SW2-7	Disabled	0= Disabled , 1= Enabled																																				
High Pass Filter (Cuts 100 Hz & lower)	SW2-8	Engaged	0= Engaged , 1= Removed																																				
TX Source Priority Selection	SW3-1	Console	0=Console , 1= Field																																				

SNV-12 Voter Quick Reference Help Sheets

CIM Module (continued)

SNV-12 Configuration Settings and Adjustments (0=Off, 1=On)																		
CIM Module Configuration:	Designator	Factory Setting	Switch Choices															
Simplex Mode; Voting Hold Off After TX	SW3-2, 3	1 Second	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><i>SW3-2</i></td> <td style="text-align: center;"><i>SW2-3</i></td> <td style="text-align: center;"><i>Voting Hold Duration</i></td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0.5 sec</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1.0 sec</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1.5 sec</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2 sec</td> </tr> </table>	<i>SW3-2</i>	<i>SW2-3</i>	<i>Voting Hold Duration</i>	0	0	0.5 sec	1	0	1.0 sec	0	1	1.5 sec	1	1	2 sec
<i>SW3-2</i>	<i>SW2-3</i>	<i>Voting Hold Duration</i>																
0	0	0.5 sec																
1	0	1.0 sec																
0	1	1.5 sec																
1	1	2 sec																
TX Hangtime Duration Applies only to voted audio retransmissions when the voter is in Repeat Mode; Does not add hangtime to console transmissions unless SW3-8 is also Enabled.	SW3-4, 5	1 Second	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><i>SW3-4</i></td> <td style="text-align: center;"><i>SW3-5</i></td> <td style="text-align: center;"><i>Hangtime Duration</i></td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0 sec</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0.5 sec</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1.0 sec</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2.0 sec</td> </tr> </table>	<i>SW3-4</i>	<i>SW3-5</i>	<i>Hangtime Duration</i>	0	0	0 sec	1	0	0.5 sec	0	1	1.0 sec	1	1	2.0 sec
<i>SW3-4</i>	<i>SW3-5</i>	<i>Hangtime Duration</i>																
0	0	0 sec																
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1	1	2.0 sec																
PTT / UNSQ Output Configuration These switches configure both the PTT/UNSQ output available at P2-5 and TB13-8, and the PTT/UNSQ relay at pins 13 through 16 of TB13	SW3-6, 7	PTT	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><i>SW3-6</i></td> <td style="text-align: center;"><i>SW3-7</i></td> <td style="text-align: center;"><i>P2-5 Output Configuration</i></td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">PTT Only</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">Unsquelled</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">Directed Active High Unsquell</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">Same, Delayed 200 ms</td> </tr> </table>	<i>SW3-6</i>	<i>SW3-7</i>	<i>P2-5 Output Configuration</i>	0	0	PTT Only	1	0	Unsquelled	0	1	Directed Active High Unsquell	1	1	Same, Delayed 200 ms
<i>SW3-6</i>	<i>SW3-7</i>	<i>P2-5 Output Configuration</i>																
0	0	PTT Only																
1	0	Unsquelled																
0	1	Directed Active High Unsquell																
1	1	Same, Delayed 200 ms																
Console TX Hangtime (duration set by SW3-4,5)	SW3-8	Disabled	0= Disabled, 1= Enabled															
Repeat Audio Mixed with Console TX Audio Unit must also be in Repeat Mode (CPM SW3-7 On) and set to Console Priority (CIM SW3-1 Off) to enable this feature	SW4-1, 2	Not Mixed	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><i>SW4-1</i></td> <td style="text-align: center;"><i>SW4-2</i></td> <td style="text-align: center;"><i>Repeat Audio Mix Level</i></td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">No Repeat Audio Mixed</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">Mix at -6 dB relative to Console TX Audio</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">Mix at -3 dB</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">Mix at 0 dB (No Attenuation)</td> </tr> </table>	<i>SW4-1</i>	<i>SW4-2</i>	<i>Repeat Audio Mix Level</i>	0	0	No Repeat Audio Mixed	1	0	Mix at -6 dB relative to Console TX Audio	0	1	Mix at -3 dB	1	1	Mix at 0 dB (No Attenuation)
<i>SW4-1</i>	<i>SW4-2</i>	<i>Repeat Audio Mix Level</i>																
0	0	No Repeat Audio Mixed																
1	0	Mix at -6 dB relative to Console TX Audio																
0	1	Mix at -3 dB																
1	1	Mix at 0 dB (No Attenuation)																
EIA Key Tone Output; Alternate Level	SW4-3	Standard	0= Standard, 1= Lowered Amplitude (see CIM SW2-1,2,3)															
PTT Input Polarity: Active Low or Active High	SW4-4	Active Low	0= Active Low, 1= Active High															
Alternate TB13-17 function (Repeat Enable)	SW4-5	Disabled	0= Disabled, 1 = Enabled (Leave at 0 with CPM-1)															
Alternate TB13-12 function (STARS Enable)	SW4-6	Disabled	0= Disabled, 1 = Enabled (Leave at 0 with CPM-1)															
Spare Switches – Leave Off	SW4-7 to SW4-8	OFF	0= OFF; Reserved for future use															
Voted Audio Output Level	R67 (potentiometer)	-10 dBm	Voted Audio to Console or Other External Device															
Console TX Input Audio Level	R50 (potentiometer)	-10 dBm	Console TX Audio to Voter															
Speaker: Internal or External	JP1 (jumper plug)	Internal	Internal = 1&2, External = 2&3															
Console TX Input	JP2	600 ohm Balanced	600 ohm Balanced (2&3) or 47K ohm Single-Ended (1&2)															
Voted Audio Mute Input	JP7	Active Low	Active Low (1&2) or Active High (2&3)															
PTT/Unsquell Output Configuration	JP8	+5V, 47k Pull-up	+5V, 47k Pull-up (1&2) or +12V, 10k Pull-up (2&3)															
Console PTT Input Configuration	JP9	Logic Level Input	Logic Level = 1&2; E&M = 2&3															

SNV-12 Voter Quick Reference Help Sheets

CPM Module

SNV12 Configuration Settings and Adjustments 0=Off, 1=On			
CPM Configuration	Designator	Factory Setting	Switch Choices
Serial Port Baud Rate	SW1-1, 2, 3	9600	SW1-1 SW1-2 SW1-3 Baud Rate
			0 0 0 300
			1 0 0 1200
			0 1 0 2400
			1 1 0 4800
			0 0 1 9600
			1 0 1 19.2K
0 1 1 38.4K			
1 1 1 57.6K			
Serial Port Enable/Disable	SW1-4	Disabled	0=Disabled, 1=Enabled
Repeat Mode is EIA controlled (version 4.08 & later)	SW1-5	Disabled	0=Enable, 1=Disabled
Pilot Tone EOT Noise Cancellation	SW1-6	Disabled	0=Disabled, 1=Enabled for all SVM-2 Modules
Manufacturing Test	SW1-7	Disabled	0=Disabled, 1= Enabled <i>MUST BE DISABLED</i>
Default TX Site Selection	SW1-8	Home Site	0= Home Site, 1=Multicast
Voting Criteria; Signal Quality Difference	SW2-1, 2, 3	1 dB	<u>SW2-1 SW2-2 SW2-3 Difference</u>
			0 0 0 Test Only – NOT for Field Use
			1 0 0 1 dB
			0 1 0 2 dB
			1 1 0 3 dB
			0 0 1 4 dB
			1 0 1 5 dB
0 1 1 6 dB			
1 1 1 7 dB			
Front Panel Disable Reported As SVM Fault Note: Applies only to RS-232 status report	SW2-4	Standard Status Word	0=Front Panel Disable not reported as fault 1=Disable reported as fault
Line Fault Detection Timer Delay Setting	SW2-5, 6	30 Seconds	SW2-5 SW2-6 Line Fault Delay
			0 0 OFF
			1 0 5 seconds
			0 1 15 seconds
			1 1 30 seconds
STARS (TX Steering)	SW2-7	Disabled	0= STARS Disabled, 1= STARS Enabled
Software Normal/Update Setting	SW2-8	Normal	0= Normal, 1= CPM will update software at power up

SNV-12 Voter Quick Reference Help Sheets

CPM Module (continued)

<i>SNV12 Configuration Settings and Adjustments 0=Off, 1=On</i>			
CPM Configuration	Designator	Factory Setting	Switch Choices
Transmit Steering; Hold-Over Timer Setting	SW3-1, 2	10 seconds	<i>SW3-1 SW3-2 Hold-Over Timer</i> 0 0 Infinite 1 0 3 seconds 0 1 10 seconds 1 1 30 seconds
Voting Locked on Active COR (Also called COR Lock)	SW3-3	Disabled	0=Voting Lock Disabled (Normal Voting) 1= Voting Lock Enabled
Voting Locked on Data Detection Not supported in s/w versions above 3.38 for SVM-1, or mixed SVM-2/SVM-1 chassis. Supported in all s/w versions for SVM-2s.	SW3-4	Disabled	0=Voting locked on DATA Disabled , 1= Voting locked on DATA Enabled
Duplex/Simplex Operation	SW3-5	Duplex	0= Simplex Operation, 1= Duplex Operation
Group Lockout on Primary Site Failure	SW3-6	Disabled	0= RX Group Lockout Disabled 1= RX Group Lockout Enabled
Repeat Mode	SW3-7	Enabled	0= Repeat Mode Disabled, 1= Repeat Mode Enabled
Vote Indication Hold After Squelch	SW3-8	Disabled	0 = Disabled , 1 = Enabled
Voting Criteria: Voting Transition Timer Applies to SW4 unless COR Lock (Voting Lock) is enabled via CPM SW3-3	SW4 <i>Note Dual Function</i>	250 ms <i>Note Dual Function</i>	0=Test Only – Not For Field Use , 1=50ms, 2=100ms, 3=150ms, 4=200ms, 5=250ms , 6=300ms, 7=350ms, 8=400ms, 9=500ms, A=1 sec, B=1.5 sec, C=2 sec, D=2.5 sec, E=3 sec, F= 5 sec
COR Lock Onset Delay Timer Applies to SW4 when COR Lock (Voting Lock) is enabled via CPM SW3-3	SW4 <i>Note Dual Function</i>	200 ms <i>Note Dual Function</i>	0=Undelayed COR Lock, 1=100ms, 2=125ms, 3=150ms, 4=175ms, 5=200ms , 6=225ms, 7=250ms, 8=275ms, 9=300ms, A=350ms, B=400ms, C=450ms, D=500ms, E=550ms, F= 600ms

SNV-12 Voter Quick Reference Help Sheets

SVM Module

SNV12 Configuration Settings and Adjustments 0=Off, 1=On			
Site Voter Module Configuration	Designator	Factory Setting	Switch Choices
Receive (Site) Audio Delay	SW1	0 ms (No delay)	0=0ms , 1=30ms, 2=60, 3=90, 4=120, 5=150, 6=180, 7=210, 8=240, 9=270, A=300, B=330, C=360, D=390, E=420, F=450ms
Pilot Tone/Guard Tone Frequency	SW2-1	1950 Hz Pilot Tone & 2175 Hz Guard Tone	0=2175 Hz Pilot Tone and 1950 Hz Guard Tone 1=1950 Hz Pilot Tone and 2175 Hz Guard Tone
COR Type	SW2-2, 3	Pilot Tone	<u>SW2-2 SW2-3 COR Type</u> 0 0 None, Unsquelled, COR always active 1 0 Hardwired COR input 0 1 Pilot Tone Used 1 1 Audio Level COR, for squelched receivers
Guard Tone Operation	SW2-4	Disabled	0=Disabled , 1=Enabled
<u>Applies Only If SW2-2, 3 Set for Hardwired COR or Pilot Tone:</u>	<u>Note Dual Function</u>	<u>Note Dual Function</u>	<u>Note Dual Function</u>
TB1-TB12 Pin 16 Configuration	SW2-5	TX Selected Out	0=Unsquell Out, 1=TX Selected Site Out
Site Designation	SW2-6	RX & TX Site	0=RX-Only Site, 1=RX & TX (site can transmit & receive)
-OR-	-OR-	-OR-	-OR-
<u>Applies Only If SW2-2, 3 Set For Audio Level COR:</u>	<u>Note Dual Function</u>	<u>Note Dual Function</u>	<u>Note Dual Function</u>
Audio Level COR Threshold	SW2-5, 6	Lowest Threshold	<u>SW2-5 SW2-6 Audio Derived COR Threshold</u> 0 0 Highest Threshold (lowest sensitivity) 1 0 0 1 1 1 Lowest Threshold (highest sensitivity)
COR Input Polarity: Active Low Active High	SW2-7	Active Low	0= Active Low , 1= Active High
High Pass Filter (Cuts 100 Hz and lower)	SW2-8	Engaged	0= Engaged , 1= Removed

SNV-12 Voter Quick Reference Help Sheets

SVM Module (continued)

SNV12 Configuration Settings and Adjustments 0=Off, 1=On																																							
Site Voter Module Configuration																																							
RX Group	SW3-1, 2, 3	Rx Groups Disabled	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><i>SW3-1</i></td> <td style="text-align: center;"><i>SW3-2</i></td> <td style="text-align: center;"><i>SW3-3</i></td> <td style="text-align: center;"><i>Group</i></td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>Disabled; Not a member of an RX group</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>RX Group #1</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td>RX Group #2</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td>RX Group #3</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td>RX Group #4</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td>RX Group #5</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td>RX Group #6</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td>RX Group #7</td> </tr> </table>	<i>SW3-1</i>	<i>SW3-2</i>	<i>SW3-3</i>	<i>Group</i>	0	0	0	Disabled; Not a member of an RX group	1	0	0	RX Group #1	0	1	0	RX Group #2	1	1	0	RX Group #3	0	0	1	RX Group #4	1	0	1	RX Group #5	0	1	1	RX Group #6	1	1	1	RX Group #7
<i>SW3-1</i>	<i>SW3-2</i>	<i>SW3-3</i>	<i>Group</i>																																				
0	0	0	Disabled; Not a member of an RX group																																				
1	0	0	RX Group #1																																				
0	1	0	RX Group #2																																				
1	1	0	RX Group #3																																				
0	0	1	RX Group #4																																				
1	0	1	RX Group #5																																				
0	1	1	RX Group #6																																				
1	1	1	RX Group #7																																				
RX Group Primary Site Designation	SW3-4	Not a Primary Site	0=Not a Primary Site, 1= Primary Site																																				
Voting Mode: FM mode or AM/HF mode	SW3-5	FM mode	0=FM Mode, 1=AM/HF Mode																																				
Simplex Repeat When Voted	SW3-6	Disabled	0= Disabled, 1= Enabled																																				
Line Equalization /AGC Level Controls Line EQ Setting If SW5-1 (SVM-2) Disabled Controls AGC Setting If SW5-1 (SVM-2) Enabled (SVM-1 Users See Manual)	SW3-7, 8	Disabled	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><i>SW3-7</i></td> <td style="text-align: center;"><i>SW3-8</i></td> <td style="text-align: center;"><i>Equalization Level / AGC Level (dBm)</i></td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>No Equalization / 1.5 to -1.5</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td>Minimal / -1.5 to -4.5</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td>Medium / -4.5 to -7.5</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td>Highest / -7.5 to -10.5</td> </tr> </table>	<i>SW3-7</i>	<i>SW3-8</i>	<i>Equalization Level / AGC Level (dBm)</i>	0	0	No Equalization / 1.5 to -1.5	1	0	Minimal / -1.5 to -4.5	0	1	Medium / -4.5 to -7.5	1	1	Highest / -7.5 to -10.5																					
<i>SW3-7</i>	<i>SW3-8</i>	<i>Equalization Level / AGC Level (dBm)</i>																																					
0	0	No Equalization / 1.5 to -1.5																																					
1	0	Minimal / -1.5 to -4.5																																					
0	1	Medium / -4.5 to -7.5																																					
1	1	Highest / -7.5 to -10.5																																					
Pilot Tone AGC (SVM-1 Users See Manual)	SW5-1	Disabled	0= Disabled, 1= Enabled																																				
Pilot Tone Notch Filter (SVM-1 Users See Manual)	SW5-2	Enabled	0= Enabled, 1= Disabled																																				
Term Block Pin 19 Function Configuration	SW5-3	TX Inhibit Input	0= TX Inhibit Input, 1=Unsquench Inhibit Input																																				
COR Onset Delayed with RX Audio	SW5-4	COR Not Delayed	0= COR Not Delayed, 1=COR Delayed with RX Audio																																				
Pilot Tone Detector Sensitivity	SW5-5	Full Sensitivity	0= Full Sensitivity, 1=Detector Sensitivity Reduced																																				
RX Audio Output Delay	SW5-6, 7	Disabled	00=Disabled, 01=100ms, 10=200ms, 11=400ms																																				
Spare Switch – Leave Off	SW5-8	OFF	0= OFF; Reserved for future use																																				
RX Audio Input Level	R45 (potentiometer)	-10 dBm	Audio from associated Voting Receiver																																				
TX Audio Output Level	R62 (potentiometer)	-10 dBm	Console or Repeat Audio to associated Transmitter																																				
RX Audio Input Impedance High/Low	JP1 (jumper plug)	Low (600 ohms)	Low Z = 1&2; High Z = 2&3																																				
RX Audio Input – Balanced / Unbalanced	JP2 (jumper plug)	Balanced	Balanced = 1&2; Unbalanced = 2&3																																				
Hardwired COR Input Configuration	JP3 (jumper plug)	Logic Level Input	Logic Level = 1&2; E&M = 2&3																																				
PTT Output Configuration	JP4 (jumper plug)	Logic Level Output	Logic Level (Open Collector) = 1&2; E&M = 2&3																																				
TX Inhibit; Term Block Pin 19 Input Config.	JP5 (jumper plug)	Active Low	Active Low = 1&2; Active High = 2&3																																				
E&M Output Configuration	JP6 (jumper plug)	Ground	Ground = 1&2, Return to Term Block pin 10 = 2&3																																				

NOTE: SW5 and JP2 thru JP6 available only with SVM-2. JP6 SVM-2 Rev E & higher.

For CPM-3 software rev 1.04 or higher

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