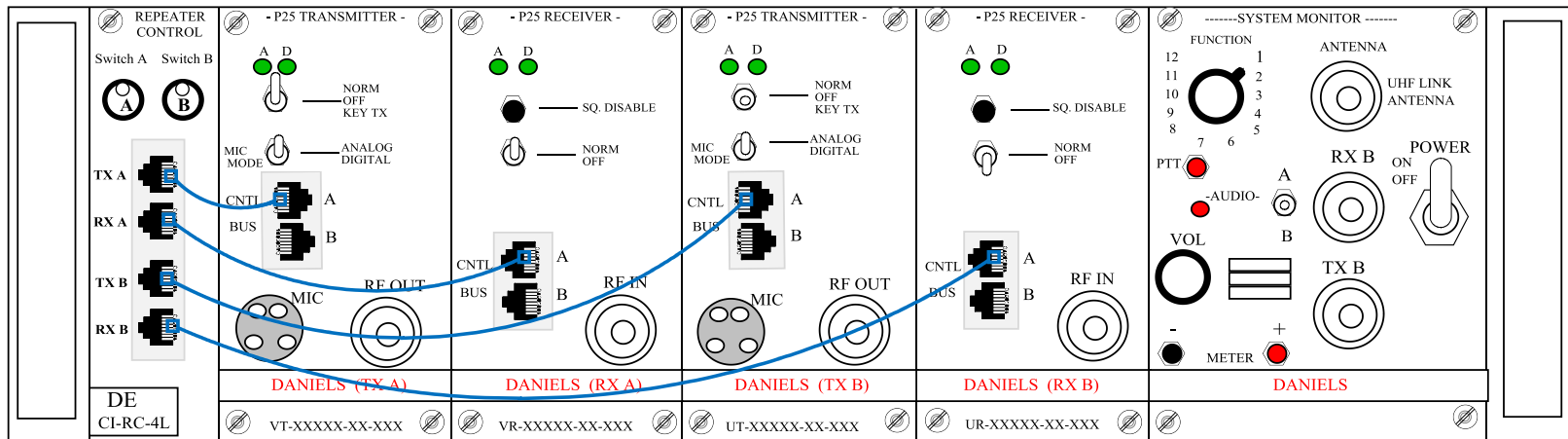




DANIELS COMMAND REPEATER AND UHF LINK SWITCH SETTINGS (4312-REPEATER CONFIGURATION)



4312 - REPEATER CONFIGURATION:

1. Connect the power cable to batteries using provided fused cable.
2. Turn Power Switch to the "ON" position on the System Monitor.
3. Keep the switches on TX A and RX A in the "NORM" position.
4. Keep the switches on TX B and RX B in the "OFF" position. (Stand Alone Repeater Configuration- No Linking)
5. Keep the MIC MODE switch on both TX A and TX B in the "ANALOG" position.
6. Keep the Audio Select Switch on System Monitor Module to the center position.
7. Select the desired tone by turning Switch A knob located on the top portion of the CI-RC-4L Card to assigned tone. (16 Position Knob, 1-16)

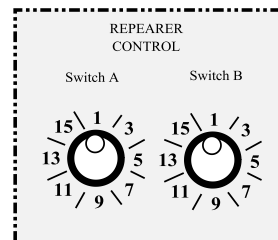
(See Tone Selection List Below)

Note: Selecting Tone will Enable tone on Both TXA and RXA Modules

Switch A - Tone Selection List

- Position 1 - Tone 1 - 110.9
- Position 2 - Tone 2 - 123.0
- Position 3 - Tone 3 - 131.8
- Position 4 - Tone 4 - 136.5
- Position 5 - Tone 5 - 146.2
- Position 6 - Tone 6 - 156.7
- Position 7 - Tone 7 - 167.9
- Position 8 - Tone 8 - 103.5
- Position 9 - Tone 9 - 100.0
- Position 10 - Tone 10 - 107.2
- Position 11 - Tone 11 - 114.8
- Position 12 - Tone 12 - 127.3
- Position 13 - Tone 13 - 141.3
- Position 14 - Tone 14 - 151.4
- Position 15 - Tone 15 - 162.2
- Position 16 - No Tone

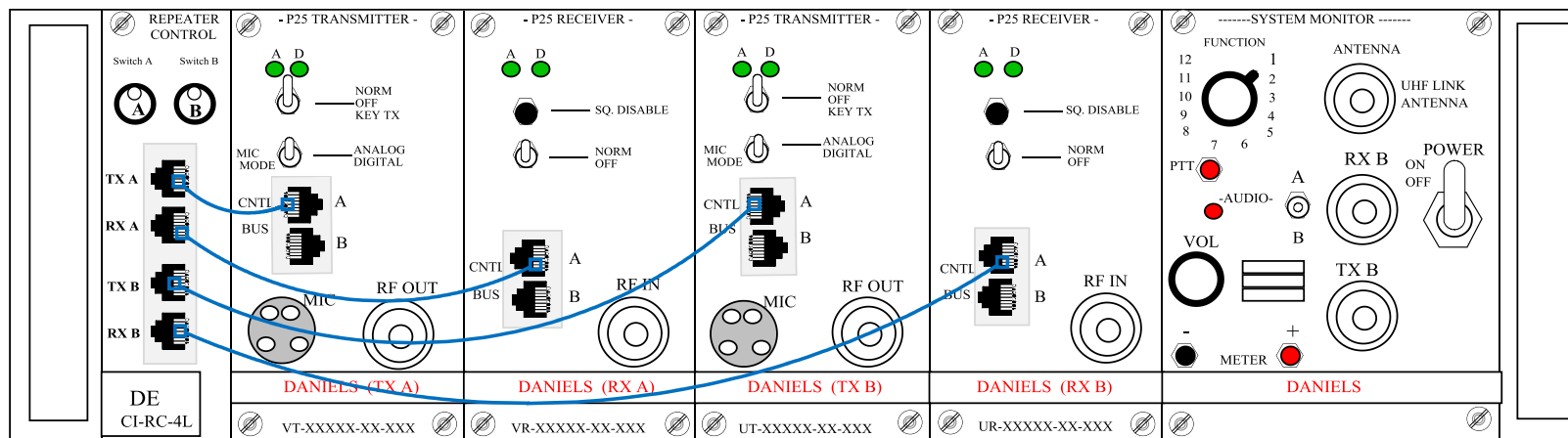
Close Up View
Switch A, Switch B
CI-RC-4L Card



National Interagency Fire Center National Interagency Incident Communications Division	
NIFC Switch Settings for Daniels Command Repeater and UHF Link (4312- Repeater Configuration Only)	
Designed by:	NIICD
Drawn by:	NIICD/J. Lopez
Date:	September, 2010



DANIELS COMMAND REPEATER LINK SWITCH SETTING (4312-REPEATER LINK CONFIGURATION)



4312 - REPEATER/LINK CONFIGURATION:

1. Connect the power cable to batteries using provided fused cable.
2. Turn Power Switch to the "ON" position on the System Monitor.
3. Keep switches on TX A, RX A, TXB, and RXB in "NORM" position
4. Keep Audio Select Switch on System Monitor Module to center position.
5. Keep the MIC MODE switch on both TX A and TX B in the ANALOG position.
6. Select desired tone by turning the Switch A knob located on the top portion of the CI-RC-4L Card to assigned tone. (16 Position Knob, 1-16)
7. Select desired UHF frequency by turning the Switch B knob to assigned UHF Frequency. (16 Position Knob, 1-16)

(See Tone Selection List Below)

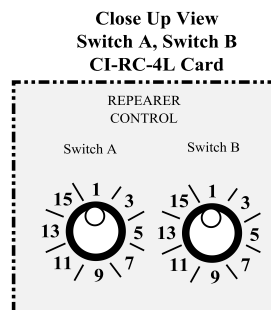
Note: Selecting Tone will Enable tone on Both TXA and RXA Module

Switch A - Tone Selection List

- Position 1 - Tone 1 - 110.9
- Position 2 - Tone 2 - 123
- Position 3 - Tone 3 - 131.8
- Position 4 - Tone 4 - 136.5
- Position 5 - Tone 5 - 146.2
- Position 6 - Tone 6 - 156.7
- Position 7 - Tone 7 - 167.9
- Position 8 - Tone 8 - 103.5
- Position 9 - Tone 9 - 100.0
- Position 10 - Tone 10 - 107.2
- Position 11 - Tone 11 - 114.8
- Position 12 - Tone 12 - 127.3
- Position 13 - Tone 13 - 141.3
- Position 14 - Tone 14 - 151.4
- Position 15 - Tone 15 - 162.2
- Position 16 - No Tone

Switch B - UHF Frequency Selection List

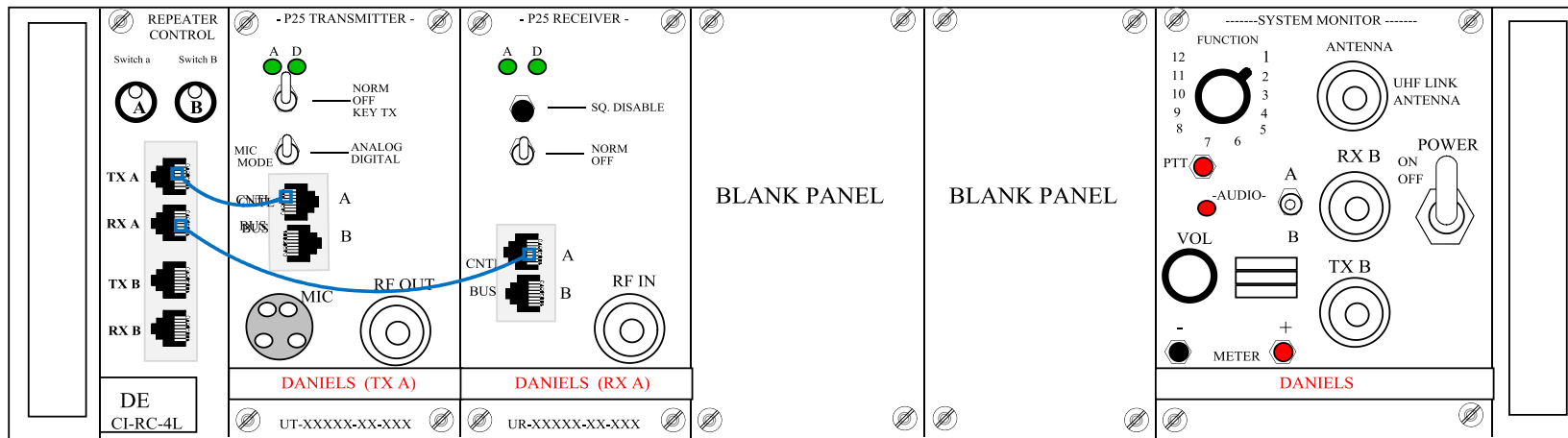
- Position 1 - L1 RPTR
- Position 2 - L2 RPTR
- Position 3 - L3 RPTR
- Position 4 - L4 RPTR
- Position 5 - L5 RPTR
- Position 6 - L6 RPTR
- Position 7 - L7 RPTR
- Position 8 - L1 RX SIMPLEX
- Position 9 - L2 RX SIMPLEX
- Position 10 - L3 RX SIMPLEX
- Position 11 - L4 RX SIMPLEX
- Position 12 - L5 RX SIMPLEX
- Position 13 - L6 RX SIMPLEX
- Position 14 - L7 RX SIMPLEX
- Position 15 - Special Use, SIMPLEX
- Position 16 - Special Use, SIMPLEX



National Interagency Fire Center National Interagency Incident Communications Division	
NIFC Switch Settings for Daniels Command Repeater and UHF Link (4312 - Repeater/Link Configuration)	
Designed by:	NIICD
Drawn by:	NIICD/J. Lopez
Date:	September, 2010



DANIELS LOGISTICS REPEATER SWITCH SETTINGS (4248 - UHF REPEATER CONFIGURATION)

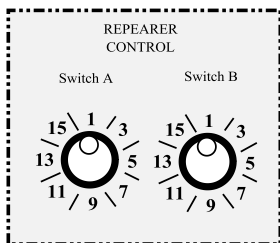


4248 - UHF REPEATER CONFIGURATION:

1. Connect the power cable to batteries using provided fused cable.
2. Turn Power Switch to the "ON" position on the System Monitor.
3. Keep power switches on TX A and RX A in "NORM" position.
4. Keep Mic Mode on TX A in the "ANALOG" position.
5. Keep Audio Select Switch on System Monitor Module to center position.

Note: No Tones are available on the Logistics repeater.

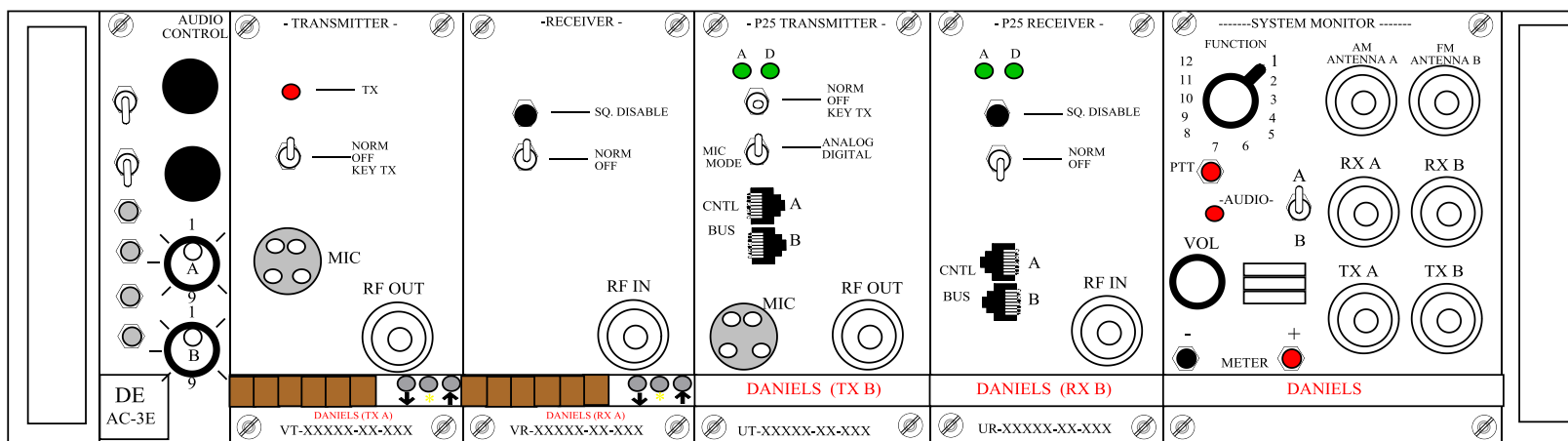
Close Up View
Switch A, Switch B
CI-RC-4L Card



National Interagency Fire Center National Interagency Incident Communications Division	
NIFC Switch Settings for Daniels Logistics Repeater (4248 - UHF Repeater Configuration)	
Designed by:	NIICD
Drawn by:	NIICD/J. Lopez
Date:	September, 2010



DANIELS AIRCRAFT LINK SWITCH SETTINGS (4370 - AIRCRAFT BASE CONFIGURATION)



4370 - AIRCRAFT BASE CONFIGURATION:

1. Keep both CTCSS switches located on the AC-3E module in the "OFF" (Down) position.
2. Keep power switches on the **TX A** and **RX A** in "NORM" position.
3. Keep power switches on the **TX B** and **RX B** in "OFF" position.
4. Keep the Audio Select Switch on System Monitor Module in the **A** position to activate the internal speaker, and place the rotary switch on the System Monitor to position # **1**.
5. Select correct **AM** frequency for **TX A** and **RX A** using the 16 position rotary switch A on the AC-3E Module. (Top Rotary Switch, 16 Position Knob: 1-16)
Note: For Special **AM** frequencies, select **channel 16** on rotary switch A to manually program the **AM TX** and **RX** modules. (Top Rotary Switch)
6. Connect the Microphone to the "MIC" jack on **AM TX A**.
Note: EXTERNAL Speaker may be used by connecting the speaker leads to the System Monitor "METER" jacks, observe correct polarity. Place rotary switch on the System Monitor to position # **1** for **EXTERNAL Speaker ONLY**.

Note: Programming Authorized Special AM frequency into Channel 16:

1. Turn rotary Switch A (top rotary switch) on the Audio Control Module to Channel 16.
2. Unlock the unit by pressing the "*" button and, before the "Locked" display goes blank, press the "↓" button. The display should now show "Unlocked".
3. Wait for the display to blank, then press either the "↑" or "↓" button to display the current programmed frequency.
4. While the display is showing the frequency, press and hold either the "↑" or "↓" until the desired frequency is reached.

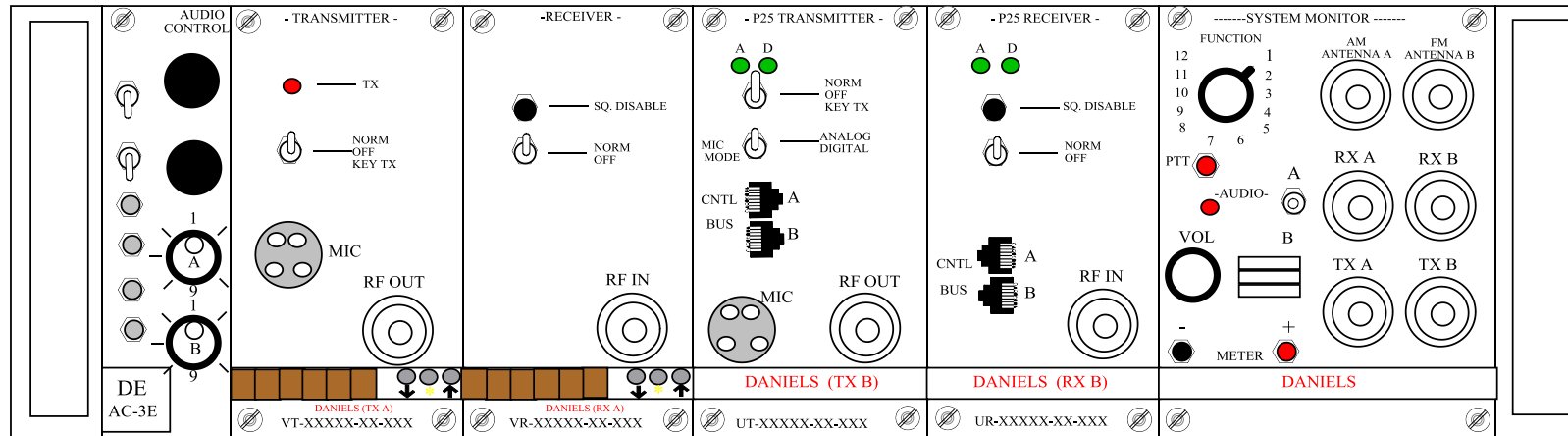
Note: The AM transmitter and receiver modules must be individually programmed.

The unit is now ready for base station operation.

National Interagency Fire Center National Interagency Incident Communications Division	
NIFC Switch Settings for Daniels Aircraft Link (4370 - Aircraft Base Configuration)	
Designed by:	NIICD
Drawn by:	NIICD/J. Lopez
Date:	September, 2010
NIICD Daniels Equipment Switch Settings, 2010	



DANIELS AIRCRAFT LINK SWITCH SETTINGS (4370 - AIRCRAFT LINK CONFIGURATION)



4370 - AIRCRAFT LINK CONFIGURATION:

1. Keep both CTCSS switches located on the AC-3 module in the "OFF" position.
2. Keep power switches on **TX A**, **RX A**, **TX B**, and **RX B** in the "NORM" position.
3. Keep the **MIC MODE** on **TX B** in the **ANALOG** position.
4. Keep Audio Select Switch on the System Monitor Module to center position.
5. Select the correct assigned **AM frequency** for **TX A** and **RX A** using the 16 position rotary switch A on the AC-3E Module. (Top Rotary Switch, 16 position knob: 1-16)
6. Select the correct assigned **FM UHF Link frequency** for **TX B** and **RX B** using the 16 position rotary switch B on the AC-3E Module. (Bottom Rotary Switch)

Note: For **Special AM** frequencies, select **channel 16** on rotary switch A to program the AM TX and RX modules. (Top Rotary Switch)

Note: Programming Authorized special AM frequency into Channel 16:

1. Turn rotary Switch A (top rotary switch) on the Audio Control Module to Channel 16.
2. Unlock the unit by pressing the "*" button and, before the "Locked" display goes blank, press the "↓" button. The display should now show "Unlocked".
3. Wait for the display to blank, then press either the "↓" or "↑" button to display the current programmed frequency.
4. While the display is showing the frequency, press and hold either the "↓" or "↑" until the desired frequency is reached.

Note: The AM transmitter and AM receiver modules must be individually programmed.

The unit is now ready for Link operation.

National Interagency Fire Center National Interagency Incident Communications Division	
NIFC Switch Settings for Daniels Aircraft Link (4370 - Aircraft Link Configuration)	
Designed by:	NIICD
Drawn by:	NIICD/J. Lopez
Date:	December, 2010