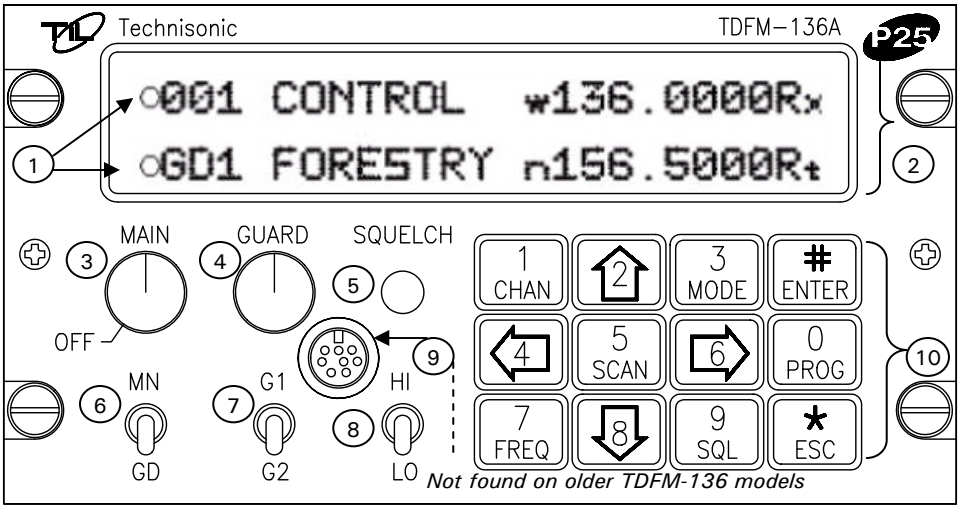
For Radio Firmware: 2.x.x



1. SQUELCH INDICATORS (LED) – Lights when signal received (Top: Main, Bottom: Guard).
2. CHANNEL DISPLAY (2 Line x 24 char) – Shows channel parameters (Top: Main, Bottom: Guard).
3. MAIN (Rotary + Switch) – Power ON/OFF and Main channel volume control.
4. GUARD (Rotary) – Guard channel volume control.
5. SQUELCH DEFEAT (Push button) – Press to open squelch (in analog modes of operation).
6. MN/GD (Toggle Switch) – Selects active channel (Main or Guard) for transmit and edit functions.
7. G1/G1 (Toggle Switch) – Selects active Guard memory (G1 or G2) for transmit and edit functions.
8. HI/LO (Toggle Switch) – Selects Transmit Power: High (10w) or Low (1w).
9. KEYLOADER - PTT keying is provided via the back connector, and is part of a correctly installed system.
10. KEYPAD (12 Keys) – Control radio functions, 3 command levels as follows:

Command/Operator Level 1: Press the 'Cmd' key ...				
Cmd	**Function**	**Edit Keys**	**OK**	**Exit**
1 CHAN	SELECT MEMORY	0 PROG TO 9 SQL ENTER CHANNEL MEMORY (001 to 230)	# ENTER	* ESC
2	DISPLAY BRIGHTER			
3 MODE	EDIT OPERATING MODE	3 MODE 2 8 STEP UP/DOWN THROUGH OPERATING MODES	# ENTER	* ESC
4	SCROLL MEMORY DOWN	SCROLL DOWN THROUGH THE PROGRAMMED MEMORY POSITIONS		
5 SCAN	SCAN ON/OFF	5 SCAN OR * ESC STOP SCAN		
6	SCROLL MEMORY UP	SCROLL UP THROUGH THE PROGRAMMED MEMORY POSITIONS		
7 FREQ	EDIT FREQUENCY	0 PROG TO 9 SQL SELECT FREQUENCY THEN # ENTER Tx FOLLOWS Rx.	# ENTER	* ESC
8	DISPLAY DIMMER			
9 SQL	EDIT SQUELCH MODE	9 SQL 2 8 STEP UP/DOWN THROUGH SQUELCH MODES. Tx FOLLOWS Rx.	# ENTER	* ESC
	EDIT SQUELCH VALUE	2 8 STEP UP/ DOWN THROUGH: TONES, CODES, TG & NAC HEX 0 PROG TO 9 SQL DECIMAL EDIT FOR NOISE SQL VALUE (00 TO 15)	# ENTER	* ESC
0 PROG	GO TO NEXT LEVEL	GO TO THE NEXT HIGHER COMMAND LEVEL		
# ENTER	n/u			
* ESC	n/u			

Command/Operator Level 2: Press 0 PROG + the 'Cmnd' key …				
Cmnd	**Function**	**Edit Keys**	**OK**	**Exit**
1 CHAN	CREATE/EDIT CHANNEL	0 PROG TO 9 SQL SELECT CHANNEL MEMORY TO EDIT THEN EDIT: SCAN LIST (L2-5), TEXT DESCRIPTION (L2-6) OPERATING MODE (L1-3), FREQUENCY (L1-7), & SQUELCH (L1-9)	# ENTER	* ESC
2	COPY GUARD TO MAIN	COPY CHANNEL PARAMETERS FROM GUARD TO MAIN (default disabled)		
3 MODE	LOCK KEYPAD	* ESC UNLOCK KEYPAD		
4	n/u			
5 SCAN	EDIT SCAN LISTS	5 SCAN 2 8 STEP UP/DOWN THROUGH AVAILABLE SCAN LISTS 0 PROG TOGGLE ENABLE/DISABLE FOR SCAN (BAR OVER DIGIT = DISABLED)	# ENTER	* ESC
6	EDIT TEXT DESCRIPTION	3 MODE STEP THROUGH CHARACTER GROUPS (A, a, 0, BLANK) 2 8 STEP/SCROLL UP/DN THROUGH CHARACTERS IN SELECTED GROUP 4 6 MOVE CURSOR FORWARD/BACKWARD	# ENTER	* ESC
7 FREQ	CREATE SHADOW	0 PROG TO 9 SQL SELECT CHANNEL MEMORY TO EDIT THEN EDIT: TEXT (L2-6), MODE (L1-4), SQUELCH (L1-9)	# ENTER	* ESC
8	COPY MAIN TO GUARD	COPY CHANNEL PARAMETERS FROM MAIN TO GUARD (default disabled)		
9 SQL	SET UNIT ID	0 PROG TO 9 SQL UNIT ID VALUE FROM: 0 TO 9999999	# ENTER	* ESC
0 PROG	GO TO NEXT LEVEL	GO TO THE NEXT HIGHER COMMAND LEVEL		
# ENTER	n/u			
* ESC	GO TO PREVIOUS LEVEL	GO TO THE PREVIOUS COMMAND LEVEL		

Command/Operator Level 3: Press 0 PROG + 0 PROG 'Cmnd' key …				
Cmnd	**Function**	**Edit Keys**	**OK**	**Exit**
1 CHAN	SET BOOT CHANNEL	1 CHAN 2 8 STEP UP/DOWN THROUGH BOOT MEMORY OPTIONS	# ENTER	* ESC
2	n/u			
3 MODE	SET NUMERIC EDIT MODE	3 MODE 2 8 TOGGLE HEX/DECIMAL EDIT MODE (FOR T.G & NAC)	# ENTER	* ESC
4	DISPLAY FIRMWARE REV.	4 2 8 TOGGLE MAIN/BOOT FIRMWARE RELEASE INFORMATION	# ENTER	* ESC
5 SCAN	SET SCAN PARAMETERS	5 SCAN 2 8 SELECT REVERT MODE THEN 0 PROG TO 9 SQL SET TIMERS (REPLY, MONITOR, DELAY)	# ENTER	* ESC
6	SET PTT TIMER	6 2 8 STEP UP/DOWN THROUGH TIMER VALUES (30, 60, 90 SEC)	# ENTER	* ESC
7 FREQ	SET SIDETONE AUDIO	0 PROG TO 9 SQL SET SIDETONE LEVEL (00 TO 85)	# ENTER	* ESC
8	PC COMMUNICATION	MUST BE CONNECTED TO A PC RUNNING TDP-136 SOFTWARE		* ESC
9 SQL	SHOW SQUELCH VALUES	9 SQL 2 8 TOGGLE Rx/Tx SQUELCH PARAMETER DISPLAY	# ENTER	* ESC
0 PROG	n/u			
# ENTER	n/u			
* ESC	GO TO PREVIOUS LEVEL	GO TO THE PREVIOUS COMMAND LEVEL		

NOTES:

- The channel being edited is determined by the position of the front panel switches MN/GD and G1/G2.
- Current command level is shown at 4th character on bottom row.
- Levels 2&3 are time limited, the unit will return to level 1 if no activity in 5 seconds.