TFM-138 Software (95S001)

NOTE: *Software revisions are recommended if experiencing related difficulty as described below. The term "software" refers to the main Technisonic software that runs the entire radio. The term "firmware" refers to the software that runs the RF sub-assemblies that are part of the radio.*

REV	DESCRIPTION	DATE
F5	Original production software.	
F6	- CTCSS for guard. - Memory up and down input lines working. - 174.00 MHz highest frequency possible. - Main receiver muted while TX VCO is locking.	
F7	The time delay shortened between PTT and actual TX.	
F8	Main receiver is muted during scanning to prevent crackling.	
F10	Implemented – PC download plus, - Optional 90 second PTT timer. - Priority and selective scanning. - Brighter display with less flicker. - 5 second "talkback" scanning delay & scanning is stopped by pressing scan. - Keyboard de-bounce is improved.	
F10A	Same as F10 but reference crystals for synthesizers are 16 MHz.	
F10B	100 memory added.	
F10C	New display software.	
F10E	Change required for new synthesizer to work.	Nov. 28, 2008
F10F	Update all new radios to F10F software.	May 30, 2013
F10G	Modify lock detect detection to allow for wobbling after lock.	Dec. 05, 2022

TFM-138A Software (96S013)

NOTE: Software revisions are recommended if experiencing related difficulty as described below. The term “software” refers to the main Technisonic software that runs the entire radio. The term “firmware” refers to the software that runs the RF sub-assemblies that are part of the radio.

REV	DESCRIPTION	DATE
F11	- 120 memory. - DPL (DCS) incorporated. - Memory dump into either guard channel function.	
F11A	Same as F11 but reference crystals for synthesizer are 16 MHz.	

TFM-138B Software (96S014)

NOTE: Software revisions are recommended if experiencing related difficulty as described below. The term “software” refers to the main Technisonic software that runs the entire radio. The term “firmware” refers to the software that runs the RF sub-assemblies that are part of the radio.

REV	DESCRIPTION	DATE
F12	TFM-138B wide and narrow band settings for each memory channel and direct entry.	
F12A	Same as F12 but the reference crystals for the synthesizers are 16 MHz.	
F12B	Lock out guard option. Fast scan/lockout feature.	
F12B4	Same as F12B but for units with 4 MHz reference crystals.	
F12F	Same as F12B but with only CTCSS tones “California Division of Forestry.”	
F14	New version of F12B - Includes configuration menu - Upload and download - General improvements to the existing modes	
F144	Same as F14 but for units with 4 MHz reference crystals. Priority scanning bug is fixed.	
F14A	Same as F14 but operates the new display type.	
F14B	Same as F14A but priority scanning bug is fixed.	
F14C	Update old display type radio with priority scan bug fixed.	
F14D	Improved version of F14C “scanning.”	
F14E	Improved version of F14B “scanning.”	
F14F	Same as F14 except now 14 tones “California Division of Forestry.”	
F14F1	F14F with low power/tone bug fixed.	
F14FA	Same as F14F1 “new keypad and display type.”	

TFM-138B Software (96S014)

NOTE: *Software revisions are recommended if experiencing related difficulty as described below. The term "software" refers to the main Technisonic software that runs the entire radio. The term "firmware" refers to the software that runs the RF sub-assemblies that are part of the radio.*

REV	DESCRIPTION	DATE
F14G	Same as F14F1 but has 16 tones and display of the scan list number while scanning.	
F14GA	Same as F14G but for the new keypad and display type.	
F14H	Same as F14G but with the upload bug fixed.	
F14HA	Same as F14GA but with the upload bug fixed.	
F15	Used only for the new National synthesizer IC "LM2316" from SN: F6000 and up.	
F16	To improve (decrease) synthesizer lock time.	Feb. 10, 2009
F17	To remove delay on HI/LO switch.	Sep. 21, 2011
F18	Software changed to support narrowband on all new radios shipped to the US after Jan. 01, 2013.	Jan. 02, 2013

UPGRADE COMPATIBILITY OVERVIEW CHART "TFM-138B"

OLD	NEW
F12	F144
F12A	F14D
F12B	F14D
F12B4	F144
F14	F14E
F14A	F14E
F14B	F14D
F14C	F14D
F15	F17
F16	F17
F17	F18