

TECHNISONIC INDUSTRIES LIMITED
TDFM-9100 Main MCU Firmware

13S173 REV. AM V3.01

Revision History:

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|-----|---|
| N/C | 1.00 – Original Release |
| A | 1.01 - Bugs fixed and bootloader capable |
| B | 1.02 - Remote ESW/TSW buttons fixed |
| C | 1.03 - Stopped alphanumerics from blinking while scrolling in FPP <ul style="list-style-type: none">- Locked out BAND and FUNC keys in transmit- Turned off COMB sidetone at power up |
| D | 1.04 - Fixed down count on Zone-00x <ul style="list-style-type: none">- Added Band 2 En/Disable to the Maintenance Menu- Added password to maintenance menu- Fixed multiple PTT problem- Fixed channels higher than 255 problem- Added Recall to knob functions- Fixed active save- Fixed MPL menu item |
| E | 1.05 - Added text dump to zone timer incase no change to chan name |
| F | 1.06 - Cross band repeat levels adjusted |
| G | 1.07 - Corrected brown out reseting problem |
| H | 1.08 - Allowed for single band modules to be detected properly <ul style="list-style-type: none">- Added support for JM60 long or short VBUS delay |
| J | 1.09 - Added APX-8000 support <ul style="list-style-type: none">- Corrected FPP compatability |
| K | 1.10 - Fixed bug in module type detection routine |
| L | 2.00 - Added Bluetooth commands <ul style="list-style-type: none">- Settings cloning support added- Added Digital audio support- Added Extra band audio routing control- Added Latitude S200-PTT support |
| M | 2.01 - Fixed Recall function <ul style="list-style-type: none">- Made levels in maintenance menu read in decimal |
| N | 2.02 - Fixed Crossband Repeat to Band 5 <ul style="list-style-type: none">- Added Page 3 ring revert option- S200-P12 mode read at startup- Fixed Zone 64 and above channel array |

Cont...

- P 2.03 - Fixed band 4 RX indicator
- Fixed SATPhone to SATPTT change over
 - Fixed DTMF for RC-9100
 - Adjusted amplified sidetone for remote radios
 - Added support for multiband RF module
- R 2.04 - Added Remote Mode (sort of...)
- Fixed SCI inducted low temp reset problem (had to release)
- T 2.05 - Fixed config menu memory access mix up
- V 2.06 - Fixed 200 zone capability
- Added channel number correction between zones
 - Fixed MPL soft key on RC-9100
 - Allowed RC-9100 to connect first time after update
 - Fixed zone runaway
- W 2.07 - Solved boot up problem by putting serial config back where it was (!?)
- Continuing with the remote mode
- Y 2.08 - Continuing with the remote mode
- AA 2.09 - Added maintenance settings for band 3
- Cleaned up programming for band 3
 - Added control to backlight enable transistor
 - Increased to 400 channels for band 3 - fail
- AB 2.10 - Fixed backlight input A to D hang up
- AC 2.11 - Added 8.33 kHz enable/disable to maintenance menu
- Added valid frequency checking on band 3
 - Fixed dimming on page 2 and 3
 - Fixed lockup induced by RC-9100
 - Fixed MUP and MDN keys on band 3
 - Fixed band 3 input lines channeling
 - Added PCDL mode for band 3
 - Added ability to disable band 1 allowing T6 for only
- AD 2.12 - Added all CTCSS tones in proper order for band 3
- AE 2.13 - Fixed anomaly in PC Upload routine
- Fixed cross band repeat for band 3
 - Added CTCSS / DPL % mod level to the maintenance menu
- AF 2.14 - Fixed PL tone anomaly caused by memory overlap
- AG 2.15 - Prevented band 3 TX while scanning
- AH 2.16 - Improved audio control
- Updated band 3 CRC to new protocol
 - Added more remote mode functionality

Cont...

AJ 2.17 - Improved audio control

AK 2.18 - Fixed audio mic gain for S200

AL 3.00 - Remote mode fully implemented

AM 3.01 - Added colours to remote mode