

FW update date: 20210923

1. Fixed the problem that the radio cant adjust the volume when receiving.
2. Change the single-mode display from half of the screen to full screen.



3. Improve the Group call and private call receiving screen.



Software update date:20210923 Version: 9.1.181

1. Add 30s,60s group call hang time.

Group call hang time

FW update date:20210709

1. Improve the problem when the roaming function is enabled, the screen becomes black.
2. when sending APRS, it will automatically recognition digital and analog.

FW Update date: 20210623

1. Fix the FM Analog Audio problem.

FW update date: 20210609

1. Supports to upload 300,000 DMR contacts.
2. Repair the clock delay function resulting in unsuccessful transmission of the analog APRS.
3. Added APRS icon.
4. Fixed manual switching channel issue.



Software Update date: 20210615. Version 9.1.178.

Supports to upload 300,000 DMR contacts.

Serial No	Contact Alias	Contact ID	Name	City	State	Country/Region
☐ 299985	HP8JAA	7140185	Jose Luis Avila Abrego	Panama		PA
☐ 299986	HP1RJA	7140186	Rolando Acosta	Panamá	Panama	PA
☐ 299987	HP8EJR	7140187	Eliecer Ramos	Aguadulce	Panama	PA
☐ 299988	HP1NC	7140188	Lalo de la guardia	panama	Panama	PA
☐ 299989	HP1OCJ			panama	Panama	PA
☐ 299990	HP1DUR			panama	Panama	PA
☐ 299991	HP6MEC			Santiago	Panama	PA
☐ 299992	HP6EAU			azá	Panama	PA
☐ 299993	HP1JGG			Barriada Gener	Panama	PA
☐ 299994	HP1DQF	7140194	Carlos Antonio Guevara	Panamá	Panama	PA
☐ 299995	HP1IBE	7140195	Ernesto Dario DUARTE CAS	Panama	Panama	PA
☐ 299996	HP3LIC	7140196	Lena Imés Caballero de Ced	Varital de Boqui	Panama	PA
☐ 299997	HP1MAO	7140197	Manuel Ortega	Panamá		PA
☐ 299998	HP1PAR	7140198	Pablo Rocchetta	Panama	Panama	PA
☐ 299999	HP8DBL	7140199	Carlos Ernesto Macias Aizpu	Panama		PA
☐ 300000	HP1SAR	7140200	Jose Manuel Hurtado Zu?iga	Panama	Panama	PA

FW update date: 20210329

1. Fix the problem when in dual band, if transmit on BandA, the screen flashes between band A and band B.
2. Fix the digital APRS dose not work in previous firmware.
3. Support analog APRS mode.





FILE						
☒ 16Bytes ☐ 128Bytes Import Write Copy						
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☐ 299985	HP8JAA	7140185	Jose Luis Avila Abrego	Panama		PA
☐ 299986	HP1RJA	7140186	Rolando Acosta	Panamá	Panama	PA
☐ 299987	HP8EJR	7140187	Eliecer Ramos	Aguadulce	Panama	PA
☐ 299988	HP1NC	7140188	Lalo de la guardia	panama	Panama	PA
☐ 299989	HP1OCJ	7140189	Omar c justiniani	panama	Panama	PA
☐ 299990	HP1DUR	7140190	Moises SALINAS	panama	Panama	PA
☐ 299991	HP6MEC	7140191	Mario Corro	Santiago	Panama	PA
☐ 299992	HP6EAL	7140192	Edgar Acosta	San Francisco	Panama	PA
☐ 299993			Urriola Gonzá	Panama	Santia	PA
☐ 299994			onzalez	Barriada Gener	Panama	PA
☐ 299995			Guevara	Panamá	Panama	PA
☐ 299996			QUARTE CAS	Panama	Panama	PA
☐ 299997	HP1MAO	7140197	Manuel Ortega	Panamá		PA
☐ 299998	HP1PAR	7140198	Pablo Rocchetta	Panama	Panama	PA
☐ 299999	HP8DBL	7140199	Carlos Ernesto Macias Aizpu	Panama		PA
☐ 300000	HP1SAR	7140200	Jose Manuel Hurtado Zu?iga	Panama	Panama	PA

Software update date: 2021.03.27

Added the settings for Analog APRS and digital APRS.

Manual TX Intervals[s]	0	Latitude (degrees)	0	N
APRS Auto TX Intervals[s]	0	Longitude (degrees)	0	E
Beacon	Fixed Location			

Analog APRS

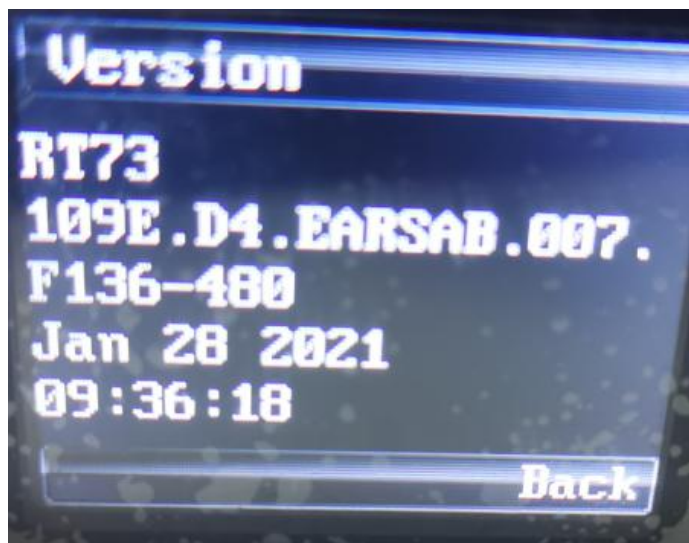
TX Freq[MHz]	0	Transmit Power	Low	Your SSID	0	APRS Signal Path	
TX QT/DQT	Off	APRS Tone	Off	Your Call Sign		Your Sending Text	
Transmit Delay	0ms	Destn SSID	0	APRS Symbol Table			
Prewave Time	0ms	Destn Call Sign		APRS Map Icon			

No	Report Channel	APRS TG	Report Slot	Call Type	PTT
1	Current channel	0	Current Slot	Private call	Off
2	Current channel	0	Current Slot	Private call	Off
3	Current channel	0	Current Slot	Private call	Off
4	Current channel	0	Current Slot	Private call	Off
5	Current channel	0	Current Slot	Private call	Off
6	Current channel	0	Current Slot	Private call	Off
7	Current channel	0	Current Slot	Private call	Off
8	Current channel	0	Current Slot	Private call	Off

Digital APRS

Please make sure you update the APRS firmware before program the APRS information to your radio.

FW update date: 2021-1-28



1. Fix the problem that Ham contacts are being loaded ONLY in blocks of 65536 items each. If you load less than 65536 items, nothing will be loaded; If you load more than 65536 items, only first 65536 items will be loaded; if you load more than 131072 items, only first 131072 items will be loaded.
2. Add "Dual Watch on/off" in preset button.

Software update date:2021-8-17 Version:9.1.180

Add channel import.

RX Freq	146.09375	CH mode	Digital	ADD QTY	1	Add	Delete QTY	1	Del	Import	Export		
Z-1	CH Name	RX Freq	TX Freq	Power	RX Only	Alarm	Prompt	PCT	RX TS	TX TS	RX CC	TX CC	M
1	CH1_1	410.32500	410.32500	High	Off	On	On	Patcs	On	On	1	1	U
2	CH1_2	415.32500	415.32500	High	Off	On	On	Patcs	On	On	1	1	U
3	CH1_3	400.02500	400.02500	High	Off	On	On	Patcs	On	On	1	1	U
4	CH1_4	440.00000	440.00000	High	Off	On	On	Patcs	On	On	1	1	U

Software update date: 2021-1-28 Version: 9.1.170

1. Revised the preset button explanation to “Radio Enable” “Radio Check” “Radio Disable” ”Promiscuous” .

2. Add ”Dual Watch on/off”.

Radio Buttons		
	Long Press Functions	Short Press Functions
P1 key	Radio Enable	Promiscuous
P2 key	Radio Check	Dual Watch On/Off
P3 key	Radio Disable	Undefined

FW update date: 2020-12-30

Add digital APRS feature.

FW Update date:2020-11-30

1. Fix the problem there is also no callsign information display even upload the contacts.

2. Fix the problem sometimes the radio cant receive.