

## What's New at The Portable Clinic 1970 to Present

Contributed by Administrator  
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Do not let your older Motorola Portable radios suffer, Send them to The Portable Clinic for a Check-up or Repair. I have been working on Motorola Portable Radio Products since 1964 when I joined Motorola in Chicago.

Programming & Repair Services - Motorola Radios.

The Portable Clinic, Inc was created in 1970 and has been working on Motorola Portable Radios and developed many modifications to enhance their use. I retired the name in 1982 when I joined IBM in Boca Raton, Florida. I received early retirement from IBM in 1992 and reopened the Portable Clinic for something to do that I had enjoyed in my past and the rest is history.

Repair & Programming Rate is \$33 per Hour with 2 Hour Min \$66.00  
 We Provide Commercial Consulting and Design for \$100.00 per Hour.

We will program your radio or radios for a fixed rate of \$33.00 per hour with a 2 hour min for the first radio then \$33.00 for each extra radio that are programmed to the same frequencies as the First Radio. The normal time to setup and program a radio is about 30 minutes each including checking it out on the Service Monitor.

Shipping of the Radios back to you will be Extra. We ship using Fed-X Ground but can use other Vendors. We Service and program the following models but can Service other models also. Email Us with your Requirements and Needs.

Presently We SERVICE, PROGRAM or RECRYSTAL Motorola Radios.

- HT220,MT500,MT1000,HT600,P100,P200,HT90,HT440,SP50,
- GP300,GP350,P110,P1225, Saber1,2,3 ,HT1000,MT2000 and similar models.
- We also Repair and Program Motorola Mobiles - Maxtrac, GM300 and GM350.
- M1225,CDM1550, Syntor X9000 Mobiles and crystal controlled models.
- Maxar80 Mobiles, Moxy Mobiles, and Mocom70 Mobiles.
- We can also Repair Motorola Repeaters, and Base Station Radios.

- We will work on newer model Motorola Radios if you like our service.

TwoWay Radio Over Internet (RoIP Products) We have Several Products to help you setup a good working RoIP 2-Way Radio System. We have a complete line of Critical RF Products and Computer Creations Corp. RoIP Products for you Needs. More information in RoIP Products Section below.

## Special Sale of Older Motorola Radios.

From \$99.99 to \$245.00

Motorola Portable Radios for Sale at the low Price which includes. Programming up to 16 channels and good Antenna. We have Motorola Chargers for \$40.00 tested in good condition. Radios do not come with a Battery. Best to get new one's on Internet.

-- HT220 VHF or UHF Plus xtals \$119.00

-- MT500 LowBand Plus xtals \$119.00

-- MT500 VHF or UHF Plus xtals \$119.00

-- HT600 VHF or UHF Programmed \$ 99.00

-- MT1000 VHF or UHF Programmed \$119.00

-- Saber Model 1 VHF Programmed \$ 99.00

-- Saber Model 2 VHF Programmed \$185.00

-- Saber Model 3 VHF Programmed \$245.00

-- P110 VHF or UHF Programmed \$99.00

- We Sell New Motorola Radio's so ask for what you need New 1-Way Portable Radio Repeater \$345.00 We do not know of any product that does what this new module will do. You can use 2 of your Low Power Portable Radios and build a One Way Repeater that you could put in a brief case and not need a Duplexer. If you want to extend your transmitters range this module will do the job. You could set it up in a Hotel or any location that you are having trouble covering with your present Radio system at a Low cost using radios that you already have like Motorola CP200 Portable Radios or any Radio that you have and want to use that have a remote mike connector or access connector to get to the TX and RX audio and PTT circuits.

We designed a new product that makes a One-way Repeater using a version of my SkypeB4- RoIP module. You can use 2 Portable Radios or use a mobile for the Receiver and a Portable for the Transmitter and Our new TPC-B5 Portable Radio Repeater Link. This new module uses the TX VOX circuit we designed for the RoIP-B4- full Duplex Phone Network giving you PTT functions that you need to operate a 2-way radio. Portable Radios do not have COS/COR features needed to key the Radio Transmitter using the Receivers received audio but I have added a new feature that will let you use the Receiver Busy Light to operate like COS and key the Transmitter. Our Hardware built-In Vox Circuit does the same thing as the COS/COR circuit would do if you were using a Mobile or Base Station type radio. This new module has a Volume control and a Vox drop out Delay circuit. The module is powered by a wall plug-in 9vDC power supply. There is a TX-Audio 3.5mm Jack on the Back that can be used to insert audio or monitor the Receivers audio for other uses. This product has 2 RJ45 Jacks on the back that are used to plug in a Receiver Radio and one to plug in a Transmitter Radio. The Radios can be what ever you want and could be used to Receive on VHF and Transmit on UHF or Low-Band or 800 Mhz. You can also use 2 radios on the same Band for example UHF by Receiving and Transmitting with a 3 to 5 Mhz separation and no Duplexer is needed. You can separate the Radios using a cat-5 type cable and a RJ45 coupler that would extend the Radios Remote mike cable connecting used to connect the TX mike, RX audio, and PTT to this new product. New DTMF Remote controlled Frequency Changing Option \$245.00

This new feature just Designed will add a Remote Frequency changing feature with the Push of 1 button from 1 to 9 and 0 for channel 10. Any Motorola Radio that has a Frequency Steering option like the Radius GM300, CM200, CDM SERIES Radios. I have not tested this product with other Radio Manufactures yet but should work the same. You can Remotely select up to 10 Frequency channels from a Remote two-way Radio that has a DTMF Encoder built in like a Mobile with a DTMF Microphone or a Portable Radio that has a Touch-tone DTMF Front Cover feature built in. This new option can also be connected to our RoIP Radio Products and change frequencies over the Internet. This new DTMF Product was designed for a Cross band Radio Setup but will work in a one-way Repeater setup also. The price includes the Cables to connect your Radios to this new Product.

MT500 Freq Synthesizer Module progress report. This Product is on an Engineering Hold due to lack of Time

The MT500 VHF Synthesizer is almost ready for to start Selling. I am personally finishing the Software design for this new product and have a few items to finish on the program before I will sell them. I have several other projects that are taking up my time before I can finish this one.

The way you will program it is to connect Your computers Serial Port to the radio plugging into a jack on the top of the radio and running a program that I will supply. The Synthesizer will allow a VHF MT500 to be programmed up to 16

channel. You will enter the Frequencies and PL codes into the radio that you want for each channel.

The Synthesizer will be a assembled kit because most of it is surface mounted parts that you can mount in your radio and will have a A/B Band switch for two banks of 8 channels each. There is also a Green Led for Freq Lock and s phono jack for plugging in the Programming cable.

The first version will be for the VHF Ham Channels but it will work for other ranges and bands. After I have had time to check it out completely on the 2 meter band. I will also offering a UHF version in the near future.

The cost of the Kit will be around \$150.00 dollars or less if possible. I will also Install the Kit for you if you desire it for \$99.00 more. The MT500 has a coil tuned front end and will only cover about 4 MHz with out any loss of Band Spread Q. unlike the new radios that are being sold today that cover great band spreads and have no tuned front ends this one will be very selective. MT500 8 freq VHF kit or the HT220 12 Freq kit and 6 Freq Slimline Radio.

I am no longer selling the MT500 8 freq VHF kit or The HT220 12 Freq Kit any more as the coils are not available and would cost to much to substitute.

I will still build the 6 freq VHF 2-meter HT220 Slim-line Portable as long as I have the coils to build them The cost to have the kit installed in your radio is \$175.00 plus Crystals. WE can supply the radio if you do not have one. Send your requests to:

bocabob@theportableclinic.com Ok to call me at 561 703 0696 anytime >>> Day or Night