

AUTOVON.TXT

Intro to Automatic Voice Network Commonly know as AUTOVON Part I

AUTOVON is the Military Voice Communications System. Each Military Installation has it's own prefix for use in the AUTOVON system. Not all telephones on military installation have the capability to call another military installation via AUTOVON. However, they can all receive an AUTOVON call coming from another installation.

A different 3-number prefix is used when dialing a military base using AUTOVON than the prefix used when dialing through the civilian phone system. Usually, AUTOVON is accessed by dialing 8 or 88 and waiting for a dial tone (on any phone connected to the AUTOVON system). A phone call made in this manner is limited to "ROUTINE" Priority.

There are "ROUTINE", "IMMEDIATE", "FLASH", and "FLASH OVERRIDE" priorities, with ROUTINE being the lowest and FLASH OVERRIDE the highest. To dial higher priority phone calls than routine, access to Technical control equipment is normally needed.

Calling AUTOVON exchanges might (most likely will) need a small phone modification. This modification is known as a "SILVER BOX".

Further information on SILVER BOXES will be described in part II. Stay tuned...

Intro to Automatic Voice Network Commonly know as AUTOVON Part II 'Silver Boxes'

Warning: This modification could permanently damage your phone!! Read information carefully!!!

Step One: Unscrew the two large screws on the base of your phone. Take cover off and place it and the screws in a safe place.

Loosen (but don't remove) the screws on the sides of the touch tone keypad (These are on the sides, and attach it to its mounting brackets). Now, CAREFULLY remove the pad from its brackets (be sure not to trip any wires!!)

You will notice a plastic cover on the pad. Separate the two halves and put them out of your way... Be sure not to destroy them!!!!

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Now, turn over the pad. You should see a mass of wires, gold plated contacts(yea, it's real gold!), discrete components, and two fairly large black, hmmm, things!

These are the coils that generate the frequencies. Only one is used for standard, so all the coils are capable of generating all 4 primary tones (only connections to 3 of the 4 are given, though...). Your about to make your connection to the fourth, and make the third column of keys "bank switched" between normal and fourth row.

Now, cut three lengths of wire of different colors about 2 feet long. Look at the coil on the left (with the 5 solder contacts facing you) and solder a wire to the to the 4th post from the left. This is the 1633 Hz output. Solder the other end of this wire to the left pole of the smallest SPDT switch you can find. This is the point of no return now!!!!..Take a look at the bottom edge of the keypad. You should see a row of 3 gold plated contacts. Look at the one on the left. This controls the rightmost bank of keys.

GENTLY separate the two touching connectors (they are soldered together with a drop of solder with) and spread them apart. Solder a colored wire to the top contact, and solder it to the RIGHT pole of the SPDT.

Now, take another colored wire (different color) and solder it to the bottom (closest) contact. Solder the other end of this to the CENTER pole of the SPDT.

You have now completed the mods on your phone!!! Congrats!!!

When the switch is in one position you'll get normal tones, in the other you'll get 1633 tones.

Operating procedures will be described in the next phile... Stay tuned!!!

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Part III 'Operating Procedures'

Now, you're at the part that you have been waiting for!! Testing!! Call Directory Assistance using normal tones xxx-555-1212. Now, quickly switch to 1633, and press down the [#] key. You will now get a dial tone. You can then switch back to normal, and try dialing different numbers. The two most interesting are 6 and 7. These often form a loop-around type connection, and two people can call in, one using 6 and one using 7, and talk in this matter...

Happy Phreaking you bad boys!!

ShAdOwRuNnEr

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