

The Crunchman Secrets

A lot of Useless trivia from Yesteryear.

Contact "jdc crunchman" on all social networks:

Skype, Facebook, Twitter, LinkedIn, MySpace, gmail, AIM, and Gabber

Apple Stories

- ◆ Why the modulator could not be embedded into the Apple II
- ◆ Steve Jobs and the Woz Blue Boxes
- ◆ Why you don't ever want to use the Woz Blue Box
- ◆ The role that Call Computer had with Apple.

Contributions to the Home Computer Revolution

- ◆ Cross assemblers for the rest of us
- ◆ Before the Apple I there was the TV Terminal
- ◆ Before the HBCC, there was PCC
- ◆ I put a lot of prominent people together
- ◆ www.bambi.net/bob/homebrew.html
- ◆ My engineering programs on Call Computer

Call Computer

- ◆ First time share service for the rest of us
- ◆ Recruited local high school students
- ◆ Wrote an 1802 Emulator, for 1802 driven “anything box”.
- ◆ If I wanted a program. I would write it myself.
- ◆ Endicta was one of them. I use it for Dictation.

Home Brew Computer Club

- ◆ First computer club before there were computers
- ◆ A lot of Startups “Hatched” from the club
- ◆ No corporate secrets. Apple and Microsoft started THAT mind set.
- ◆ The freedom of exchange was everywhere

What you didn't know about the Phone Board.

- ◆ It was illegal to connect direct to the phone line
- ◆ Biggest problem was saturation of the coupling transformer
- ◆ It had “Illegal thoughts”, so said my attorney while I was on trial for using it

What the Phone Board can do

- ◆ Send and receive any tone pair
- ◆ Detect and send Blue Box tones
- ◆ Limited speech recognition
- ◆ War dial and deal with over 30 different responses
- ◆ Detect another extension phone
- ◆ Has “Evil thoughts”

Why Jobs scrapped it

- ◆ ATT Pressure not to release it
- ◆ required expensive interface equipment that didn't make it work
- ◆ Didn't think there was a market for it
- ◆ Legal Liability

Finding Secret Numbers

- ◆ Works in ANY country
- ◆ Secrets hidden in PBX Systems
- ◆ Computer access numbers
- ◆ Companies rarely hide computer access numbers in their PBX's
- ◆ Look for the Unusual. The Phone book is your best friend. I explain...

Secret Numbers #2

- ◆ Special service numbers like Police, Fire, Repair will often hide special numbers
- ◆ On Mechanical switches, flashing hookswitch can connect to interesting stuff
- ◆ Recognition... tone, data, warble, clicks will often be what you're looking for

How Blue Boxes work

- ◆ Two out of 6 tones gives up to 16 tone pairs
- ◆ Binary Arrangement instead of Matrix arrangement like touch tones
- ◆ The Stupidity of Ma Bell for being “cheap ass” and using same channel for both speech and signaling. BAD IDEA!!! and they paid for it.

Procedure for placing a call

- ◆ Dial a toll free number. Usually an 800 number
- ◆ Before it answers, send 2600 Hz down the line
- ◆ Listen for “Handshake”. Send KP-Number-ST
- ◆ Not all numbers are 10 digits
- ◆ Audio Recording of Blue Boxing in Action, stacking Tandems

The "Autovon" system

- ◆ Means "Automatic Voice Network"
- ◆ Internal US Military phone network
- ◆ Offered Multiple Priority of Calls
- ◆ Joint - USAF, ARMY, NAVY, and FTS, replaced with newer system
- ◆ A two-way Bridge existed in Murphy Dome Alaska

My views on current events

- ◆ Anonymous - “They have given the authorities and leaders a wake up call”
I support them in SOME ways
- ◆ [youtube.com/watch?v=8TMtbNJ81X00](https://www.youtube.com/watch?v=8TMtbNJ81X00)
- ◆ Assange - not so well informed on this issue
- ◆ Manning - With my familiarity with the military, I doubt if Manning will see the light of day for a very long time

Crunch Creations

- ◆ Founded Crunch Creations
- ◆ www.crunchcreations.net - client facing page
- ◆ www.crunchcreations.com - Blog discussion
- ◆ A members-only web franchise
- ◆ Looking for the best and creative people

ECOVISO

- ◆ Consortium for building sustainable communities
- ◆ New Ideas on Energy generation and Storage
- ◆ Addresses sustainability in Financial, Energy, Transportation, Food, and Water
- ◆ Exposing visitors to new and old technologies

Book and Movie project

- ◆ Documentary - Hack this movie

- ◆ Book status

- ◆ Deep into research.

Most people have already passed away.

R.I.P. - Steve Jobs, Bill Squire

Questions?

- ◆ A few minutes for questions!

Contacting me

- ◆ “jdc crunchman” on ALL the social media sites. AIM, Facebook, Twitter, Gmail, Skype, LinkedIn, and mySpace
- ◆ Phone (google Voice) +1 818-253-9102 I can pick up these calls from Anywhere there is Internet