If you can contribute any information that you think other readers would be interested in, please do so. TAP readers are the main source of our information. You can help by meeting employees of phone and power companies, alarm places, etc., and asking them about questions other people raise in the newsletter. Be sure to get details and maintain contact in case you have additional questions. Most employees of those companies would be glad to throw their boss and they'd probably be interested in TAP, too. We hope that a lot of you will gather information so that we know what the scene is around the country and Canada.

We also need info on the following:

**Automatic Blue Boxes**—With info about where they're necessary.

**Vending Machines—Locks**, getting stuff, etc.

**Locks**—New code books, picking Medeco, Sargent Keso, tricks, etc.

**Radio**—Setting up your own Station, Schematics, legal stuff, jammers, etc.

**Burglar Alarms**—Holmes and other central station alarms, bypassing, electronic keys and picking, etc.

Also, **Magnets**, **Overseas Phreaking**, and **Chemistry**.

This month TAP salutes Detroit, Michigan, home of the auto industry. It's employed 300,000 car workers and the pollution-causing ene-

**Dear TAP,**

Union Oil Co. is reportedly salting away gasoline in its dead service stations. Next time you find such an ostensibly folded station, it wouldn't hurt to see if the storage tanks are really empty. Union may not be alone in the use of the type. If there's gas there, feel free to indulge in the "spirit of '76."...-

**-CALIFORNIA-**

Dear TAP,

I have heard a rumor that operators in Boston have been giving only minor hassle to C.C. callers, the usual play being a question as to whether the caller is using the 1974 number or last years. This has proven to scare off only the most nervous of customers.

**- MASSACHUSETTS -**

The Benevolent Association of Relentless Exhibitionists, association with the American Streaking Society, better known as B.A. R.E. A.S.S., announced in Daytona Beach, Florida that the world's first streaking championship will take place on the world's most famous beach during the Easter Holiday. Champion streakers from all over the U.S.A. are expected to compete as well as a large contingent of foreign competitors. For further information write General Delivery, Peninsula Station, Daytona Beach, Fla. 32116.

**BIT** in London publishes the best guide around to going to or through any country—$6.00 airmail and it's called Overland through Africa. Has methods and tips for getting through cheaply. They also publish stuff that you should see if you're heading to Europe. Write BIT, 146 Great Western Rd., London W11 (tel. 01229 7227 or 7229 7219). Send Int'l Money orders only, no checks please.

**Course D** is replacing glass phone booths with Kayrex, a rigid vinyl, as part of their Coin Patron program (Quickly). Users are being removed from booths and they'll convert all the phones to single-slotters by 1976. Finally, they're installing curved pieces of sheet metal at the appropriate level inside the booths so that liquids directed at the side of the booth are deflected to the customer's feet... puzzling?

Are we all RESIST, 763 Massachusetts Ave. #4, Cambridge, Mass. 02139 publishes a Movement Security Kit which tells what to do to keep your cool with police, agents and grand juries and even has some true stories about a few sicko agent-types who give radicals a bad name. Send a stamped, self-addressed 11x11 envelope and $1 to them...

Dear TAP,

There is a type of sandwich machine, with 1% tiers of 10 compartments, which cycle past a column of sliding doors in chain fashion at the push of a button. Cycle the sandwich to the door for that tier, pay your money, and take your chances. If, instead of sliding the door to the right, one slides it up against the track, prises the bottom of the door slightly outward via the crack at the bottom, & then pulls the door down and slightly outward, enough space is left at the top to squeeze a sandwich past (or maybe more than one), no deposit, no return. Don't do this; some glutinous food may obstruct your technique, empty the machine and inflict a serious case of indigestion upon themselves. It is considered lacking in style to cave in the front panel of this (or any vendor) with a hammer, or to remove it with a glass cutter (or chemicals, in the case of plastic panels).

When the man comes to refill the vending machines, and leaves his keys in the lock with his back turned, do not take the key ring away; this will get him in trouble.

**- CALIFORNIA -**

© Youth Hot Line Reports, Inc. 1974

Movement groups may reprint with TAP's address, and please send us copy of reprinted work.
The new Intersil 8038CC Function Generator forms the basis of the Multifrequency generator. By varying an external signal in Issue 12, however, the desired result remains at a low 1%, and the circuit requires only two oscillators instead of 7. The diodes route +10 volts to different pots for the different tones. As in Issue 12 a diode matrix makes up most of the needed resistance and the pot trims time spent determining their value.

In the difference, but that requires 10 more resistors and an accurate signal generator by "beating" method, 900 or 2, 4, or 7) and tune the 700 pot to 700 using a counter, for example, plug in Oscillator A only and press button #, and let your fingers do the walking up, or the push button A.

The new BLUE Box! Detail Moves in Synthesizing Mescaline. He had it sent to a vendor & will often let you off for that much, XANSAS S-

Dear TAP,

Dear TAP,

The pots are small 20 mrn (or 10 turn) trimmers. They are designed with a telephone earpiece. To use an 8 ohm Speaker, you need a 500-ohm transformer which isn't worth it or 300 works fine. The hookup shown supplies 19 volts to diodes in this box for maximum stability.

Dear TAP,

The following keys are for games: 1093, 1150, 1155, 1350, 1450. Only other machine worth breaking into are the TV games, which although legal to possess, bring down Fed. official laboratory address, but had no ex-

Dear TAP,

Even though the procedure for ordering chemicals & local investigations, Example & A friend ordered ordered reagents, which although legal to possess, bring down Fed.

Dear TAP,

Thanks to all of you who helped us by sending in your

LAB NOTES

Dear TAP,

Dear TAP,

Dear TAP,

Dear TAP,

Dear TAP,
Pacific Telephone and New England Telephone are starting programs to track down extra extensions installed by customers. The programs are expected to run several years and they'll eat up a lot of money for the sole purpose of making people pay outrageous charges for Bell-owned extension phones. They check the number of ringer connections as we've said before, by measuring the capacitance in series with the ringer. We were told that the voltage used to check is 100 but we'd like to know for sure. A line relay using a sensitive relay and a .5 Mfd. capacitor (Issue 17) can drive multiple bells or other signaling devices if you need extra bells. Or a Mallory Sonalert can be hooked up to provide non-detectable signaling. Or the capacitor in the phone can be hooked up in series with 2 bells instead of one, thus giving the same capacitance. If the phone company tells you they've detected a freebie, say you'll disconnect it. You can put it on later after removing bell. Not appearing cooperative will lead to a visit from Security, so be nice and dumb.

Here's a neat way to double the number of bells in your home undetectably. Simply replace the .5 or .4 Mfd. capacitor in your only ringing phone with a .2 Mfd. 200 volt capacitor in each of two phones. The bells won't be quite as loud as the old ones but they'll be loud enough for most purposes.

In Western Electric phones, remove the wires that go to the A and K screws and attach one to each end of the .2 capacitor, wrap up tightly with tape, and you're done. In Automatic Electric phones, the big gray capacitor is sitting next to the bell. Remove the two wires from it and wrap them tightly around the new capacitor, seal the whole mess with tape and close up the phone. Doing this to each of two phones makes the phone company think you still have one .4 or .5 Mfd. capacitor because the two .2's add up to .4.

Reverse Red & Green if you get constant tone.

![Diagram](https://via.placeholder.com/150)

**Blast Damages Phone Lines**

*By ADRIANNE THOMAS Denver Post Staff Writer*

An explosion under the west end of the W. Colfax Avenue viaduct Monday night severed three main telephone cables and caused minor damage to homes, businesses and cars in the area, police reported.

Detectives Fred Stevenson and Robert Wyant of the police bomb squad said the blast at 8:50 p.m. was caused by a "high explosive—either plastic or dynamite."

Stevenson said the U.S. Treasury Department's Bureau of Alcohol, Tobacco and Firearms was assuming local police in the investigation.

Debris collected at the scene will be examined in the federal agency's laboratories.

Heaviest damage was to five Mountain Bell telephone cables that enter an underground conduit at the site of the blast.

Jim Kercheville, Colorado public relations manager for Mountain Bell, said three of the lines were severed or torn up and the other two were "nicked."

The explosive apparently was placed directly on the telephone cables. Kercheville said he has no idea of possible motives.

**MAKE A KEY FOR YOUR ROLLERSMITH LOCK**

One of our master craftspersons just built this beautiful rollersmith key and it works like a dream. Unlike the nail method in TAP 23, this key allows you to put the lock back on! (As well as take it off, of course). You'll need an electric grinding wheel and two 5/32" diameter nails that are at least 3" long. Since the hole on the lock is exactly made for a 5/32" rod, grind the nails down so that they'll slip into the hole when the top nail is slid back, but not when it's slid forward, as shown in the diagram. Bend the backs of the nails so that there's a 1/8" space between them yet they lie flat against each other along their length. It's easy to see that when you tilt the handle forward the tip of the key expands and grabs the moving cylinder in the lock. Now pull the key outwards while keeping the top of the handle tilted forward, and voila! off it comes.

Drill the holes in the nails for the pivot screw and mount it in-between two pieces of wood for a handle. You can put a rubber band around them so they don't flop around when not in use.

We smashed open a lock to find that it's built a little differently than we pictured in Issue 23. The spring is in the middle and there's no lip for a nail to grab.