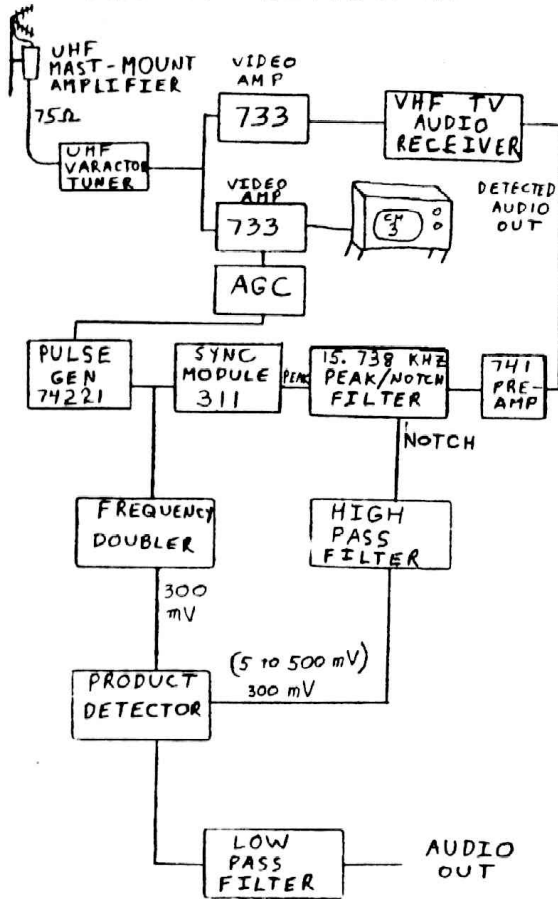


CHANNEL 68 DECODER BLOCK DIAGRAM

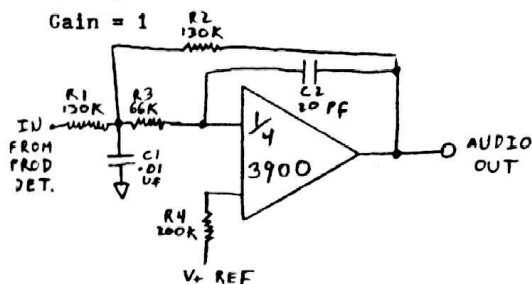


Low Pass Filter

$f_{co} = 12 \text{ KHZ}$

$Q = 25$

Gain = 1



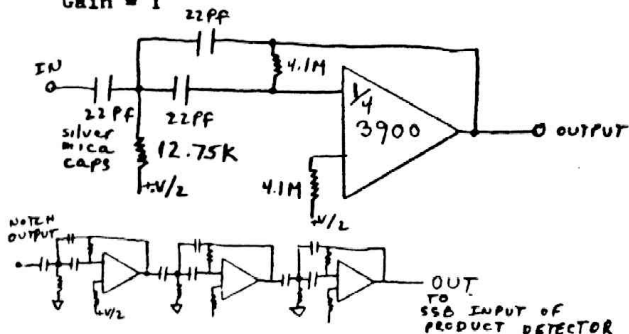
R1 and R2 should be 100K for a 15KHZ cutoff
R3 should be 53K for a 15KHZ cutoff

High Pass Filter

$f_o = 31.500 \text{ KHZ}$

$Q = 6$ (each section of 3)

Gain = 1

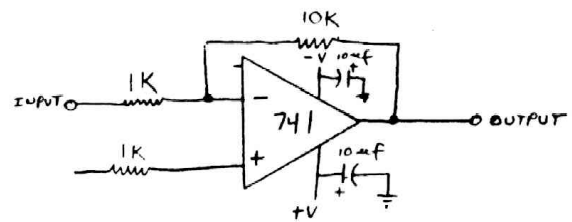


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NO. 64

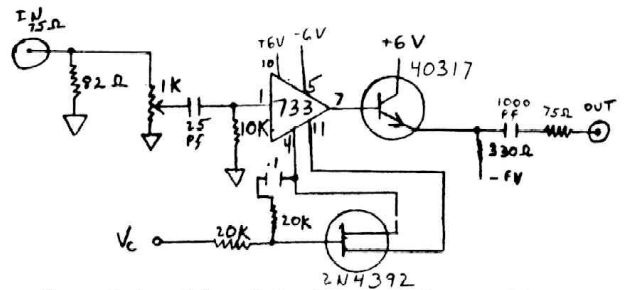
Pre-Amp Module

NULL CIRCUIT : $-V \rightarrow 10K \rightarrow \text{PIN 1}$
 PIN 5



Video Amp

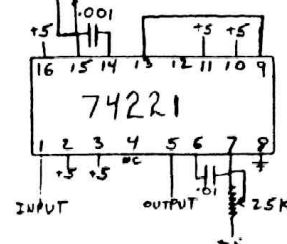
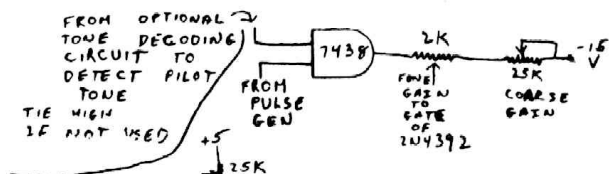
Oscillations appear at higher gains of AGC, (around -2 volts to the gate). Try to control the loading with this circuit:



$V_c = -2$ to -15 . Gain increased as voltage goes to ground. Going positive will destroy 733.

The 20K from the 2N4392 gate to source may be too big.

AGC Circuit

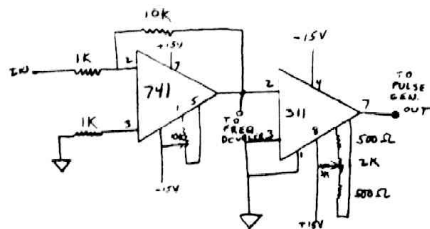


PULSE GENERATOR

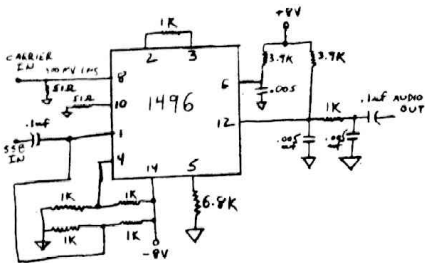
TAP UPDATE by TOM EDISON

Dear Tom, I am glad that the new response to this issue as supplied to be mailed at a later date will see the same New York Transit strike in April. I finally get out the 5th Apple making the issues a problem. I was not a problem with our computers reading now and then, I don't want to mail on the issues until I have all the details about our convention. The strike is over and the issues went to our printer on June 19th. Our computer has been fixed. The issues will be mailed out on July 1st. Complete TAP convention details can be found on the back of TAP Classified Ad Sheet #4 which was included with this mailing. I was going to raise our sub rates effective with this issue, but I have decided to freeze all TAP prices at their current level and hope that all our subscribers will show their real appreciation by getting their friends to sub. TAP is in deep financial trouble and only YOU can help us out of our financial hole. We need your sub renewals, orders for the TAP issues that we list in every issue, and your support for this year's TAP convention. We need your help and support if we are to survive!

Sync Module



Product Detector Module



Neighbor Held as Phone Tapper Whose Calls Cost a Bank \$8,000

The superintendent of a building on Manhattan's Upper West Side was accused yesterday of tapping into the telephone lines of a nearby hotel and running up a bill of more than \$8,000 by allowing neighbors to make long-distance calls. The Manhattan District Attorney's office said that the superintendent, Pedro Ayala, 30 years old, of 120 West 108th Street, was arrested Tuesday night in his apartment on grand-larceny charges. He was also accused of possessing a controlled substance after the police found a quantity of what they said was cocaine in the apartment. Officials said that an investigation had disclosed that Mr. Ayala tapped into the phone lines that ran from the Manufacturers Hanover Trust Company branch at 19th Street and Broadway through Mr. Ayala's building. Mr. Ayala was said to have permitted neighbors to use the phones for \$5 for 10 minutes to call places as far away as the Caribbean and South America.

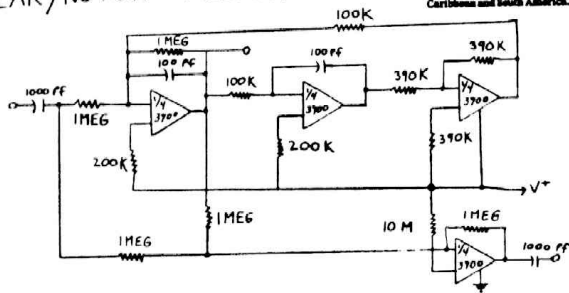
Brazen ripoff

MADISON, Wis. (AP) — Madison police have found some thieves just have no respect. The city's police department has been observing "police week" by discussing law enforcement and displaying a fully equipped squad car at a local shopping center. But police report that someone stole the firm from their squad car while it was on display.

Your Car, Sir!

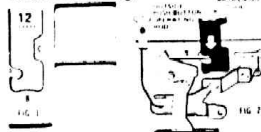
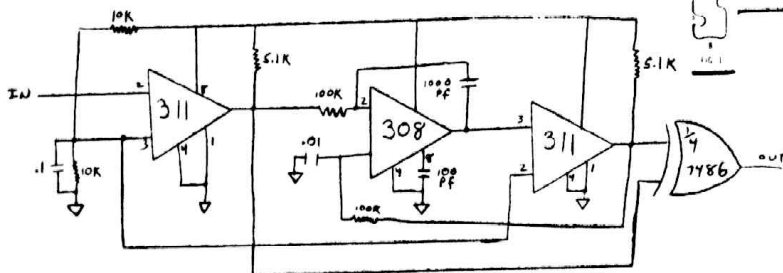
Chrysler presents after 1974 their new locking mechanism protected by a new shaped lock cylinder ring & cannot be opened with this tool. The method to open is by fully button down then to use combination of all methods on your own. The new shaped locking cylinder with the lock mechanism of 1974 model. By using this information on the pad of paper attached to the handle you will have a permanent locking device which cannot be opened. For GM & Chrysler make use the B and push down as shown in Fig. 2. Enter in a hole at the bottom between the weather stripping & window. Push down & hold the lock lever against contact with the lock cylinder. Bring the tool to a vertical position. Strapping it upward until you can't see the tool above the window. That's all! Remember this action should stop the button upward. It is necessary to hold the tool on one side of the window handle. Hold all doors. Turn the tool to the shape of a spoon with the lock cylinder and compensating for the door shape. Same GM car's having the button near the center of the door is opened in the same manner. Enter the tool in a hole at the bottom & side of the door at the lock cylinder. The Chevy Monte Carlo Buick Century Pontiac Grand Prix Oldsmobile Delta have the button located towards the middle of the door. But are opened by pulling up on the tool & holding the tool in a connecting hole with head A of a point midway between the button & lock cylinder. An alternate & more successful method for opening is to cut the tool & enter it on the door's lock at a point midway across the middle of the handle. Push straight down to a depth of 1/2 inch with head A facing the tool. Slows down the tool towards the tool in an upright position until contact is made. Pushing upward will open the button. 1974 - GENERAL MOTORS A steel guard rail is attached to the bottom of the window to prevent entry by car thieves. Bypass this rail by applying upward pressure to the tool upper portion to raise and A will rise up over the top of the car & enter. Once entrance is made you can open it with a small hole from the backside of the door by moving the tool when in a vertical position until it is in line with the lock cylinder. Upon contact pushing straight up will raise head A. To engage the tool holding point aim & the lock cylinder will stop. Opening 2 door handles might prove easier by using tool C while pushing up. On the product 1965-69 use head A pushing upward to lift the button. Turn the tool necessary for 1970 & later an extreme upper shape is formed. This will when pushed downward pass over the lock cylinder. Use B with both hands against the middle of the door. Calculating to push downward forces the tool in the tool to depress the lock posts thus lifting the lock button. FAMILIARITY WITH THE LOCAL TOUGHIES WITH PRACTICE - INCREASES EFFICIENCY IN EFFICIENCY - P. 3.

PEAK/NOTCH FILTER



NOTES: ALL CAPACITORS FOR FILTERS ARE SILVER MIC-A IF FILTER IS NOT 15.738 KHZ, ADJUST THE 2 = 100K RESISTORS.

FREQUENCY DOUBLER



NSF (NON SUFFICIENT FUNDS)

Non sufficient funds is a check racket whereby one writes checks on an account with no money in it. Many people who run this game are amateurs who use their real names and their own checking accounts. More sophisticated operators will use an alias name and reduce the likelihood of any resultant hassles.

Although cash is difficult to obtain directly, merchandise and material are easily purchased, and later, sold and converted to cash. Orders for TV's, stores, and jewelry can be taken in advance, thus securing the highest prices for the merchandise while facilitating quick disposal.

The success of this check racket is directly proportional to the care one uses in leaving no traces to his or her real identity. Weeks after the bad checks are written, investigators will be coming about with a picture from the driver's license, looking for the person who wrote the NSF checks. They will go to the addresses (and addresses of phone numbers) of the license, answering services used, and work references given on any applications, checks, etc. None of the people that might be questioned should be able to give any information about the person's real name, address, or whereabouts if the mission is to be successful. Leave no links to your real identity.

Basically, all one has to do to actuate the scam is to secure a safe mail address, obtain alias ID papers, walk into a bank and open up a checking account, and start spending when the permanent checks come in. The details of the specific steps are listed as follows:

1) Rent a mail address. Mail receiving services can be found in the Yellow Pages under Telephone Answering Services and sometimes under Mail. This service usually costs between \$5 and \$20 per month. Do not use a P.O. Box address -- it is not the same thing as a private mail receiving service or box. The Post Office verifies the applicant's identity or place of residence before issuing the box, so there will be a link between the bad check and the identity of the check passer. Also, banks are reluctant to issue checks with just a P.O. Box address, and stores are even more reluctant to accept them.

A variation of the rent-an-address that is often successful is to use a prestigious address as the driver's license address and the address on the check. A mail forwarding card is put in to the Post Office, diverting the mail for the alias name from the prestigious address to the rent-a-box. The prestigious address should be a multi-unit dwelling in a large city or populous area. A few test letters should be sent to the alias name at the prestigious address to verify that the mail forwarding card is in effect and that the checks from the bank will therefore get to the rent-a-box. If the test letters do not work, call the mail carrier at the Post Office and give him the instructions for the mail that you want forwarded. Submit another forwarding card if necessary.

2) Obtain a birth certificate, either a contrived document or a real government issued certificate of a dead person or a duplicate of someone alive that lives out of state and will not be able to recognize the photograph of the check passer. It should be noted that the mail address should be obtained first if one is going to be sending for ID documents.

3) Go to the Department of Motor Vehicles with the birth certificate and get a driver's license or state issued ID card, which works just as well as a driver's license. However, some states do not issue state ID cards and the driver's test will have to be taken; therefore, get the driver's manual and study for the test. It is incredible how many knuckleheads will flunk the test because they came in unprepared.

A brief note on paperwork and documents is in order here for those who may find it difficult to obtain them. A process on how to make documents is available from TAP, Room 418, 152 W. 42 ST. N.Y. 10036. Request TAP Issue #50 and send a dollar with a stamped-self-addressed-envelope. A book explaining the methods of getting ID from the government is available from EDEN PRESS, called the NEW PAPER TRIP. Write them at P.O. Box 8410, Fountain Valley, CA 92708, and ask for their catalog. Another book of interest by Eden Press is The Check Book, which is well worth the \$10 cover price. Both books are a must for the serious paper tripper. The Paper Trip also explains how to make up fictitious social security numbers, which may come in handy if one is using contrived documents instead of government issued paper -- it takes an SS number at the bank to get the paper that is needed, i.e., the checks.

4) Go to a bank and open up a checking account. It may be beneficial to open up a savings account first, and then open up the checking account. It is often easier to open up a savings account as the banks are usually more willing to take money for deposit than they are to issue checks, especially to a person that they are not familiar with. The savings account gets your foot in the door for the checking account.

Use the rent-a-box address on the checks as the home address, or the prestigious address with the forward on it if the variation method is being used. It is also helpful to have a telephone number printed on the checks because it saves time at the cash registers. A telephone number can be rented from an answering service for a modest fee, and used on the checks as your personal phone number. This answering service should not be the same one that is being used as the mail address -- just in case the merchant calls there to verify the phone number.

Do not attempt to run the scam or even start it, with the temporary checks that the bank first issues. Wait for the permanent checks to come in. Merchants want to see the person's address and phone number on the check, and on occasion, they request to see some back up ID -- most frequently, a credit card. If a credit card is lacking, other ID may be substituted. A AAA membership card is impressive, and any other picture ID as back-up adds credence to the identity.

Once the permanent checks are in, if one has access to some out-of-state checks, they can be deposited to sweeten up the account. This is not necessary, but it helps maintain some semblance to being legitimate as far as having money in the account to cover the checks being written. If account sweetening is going to be done, start depositing the checks on Monday. Spending will not start until Tuesday night. Five days later, on Sunday, the scam is over. Do not write any checks after Sunday.

MONDAY: Deposit some out-of-state checks to the checking account if the account is going to be sweetened up. These checks for deposit can be either personal, payroll, or corporate. Avoid using government checks because it brings treasury and federal investigators, who are quite tenacious. Make out the "sweetening checks" for small amounts, \$50 to \$250, and make several deposits a day, each deposit at a different branch office of the bank.

TUESDAY: Deposit more checks to sweeten up the account. Remember, the sweetening procedure is optional. Later this evening, go to the airports and buy some plane tickets round-trip to nice places like San Francisco, Miami, Hawaii, etc. The tickets can be sold for one-third to one-half price, and they are good for a year -- even when bought with a rub-ber check. Also, tickets can be traded in at other airlines before or at the time of departure for any destination desired. Writing checks Tuesday night is like starting Wednesday. Only three banking days are going to be used along with the weekend.

WEDNESDAY: If you have used out-of-state checks to sweeten up the account, you can go shopping during the day when the banks are open. If the store calls the bank, you have money on deposit. If you haven't sweetened up the account, wait until the bank has closed, usually around five o'clock -- check to be sure of the time the accounting department closes if you want to start shopping the minute the bank is closed.

After banking hours, then, hit the department stores for color TV's and stereo's. After the department stores have closed, shop at the liquor stores and all night grocery stores where they don't require a courtesy card. After this, go to the airports and buy more plane tickets; the airlines are often open all night.

THURSDAY, FRIDAY, SATURDAY AND SUNDAY: can be worked the same way as Wednesday -- department stores, then liquor stores and grocery stores, then the airports for plane tickets. Saturday and Sunday are great for shopping at department stores all day, because the bank accounting departments are often closed for the weekend.

TELECREDIT: This is an insurance company that guarantees the merchant that they will cover your check if it bounces. The way that it works is on your driver's license number; if the driver's license is authentic (the state gives them the list), and if you haven't bounced any checks recently, Telecredit will approve your check. They don't know what your bank balance is, and the merchant doesn't care because Telecredit will pay him even if you don't have a nickle in your account.

