INTRO: After reading the fucked up shit on the original pearl box, I decided that there was an easier and cheaper way of doing the same thing with an IC and parts you probably have just laying around the house.

PARTS: CD4049 RCA intigrated circuit

.1 uF disk capacitor

1 uF 16V electrolitic capacitor

1K resistor

10K resistor

1meg pot

1N914 diode

some SPST momentary pushbutton switches

9 Volt battery & clip

and miscalanious shit you should have laying around the house.

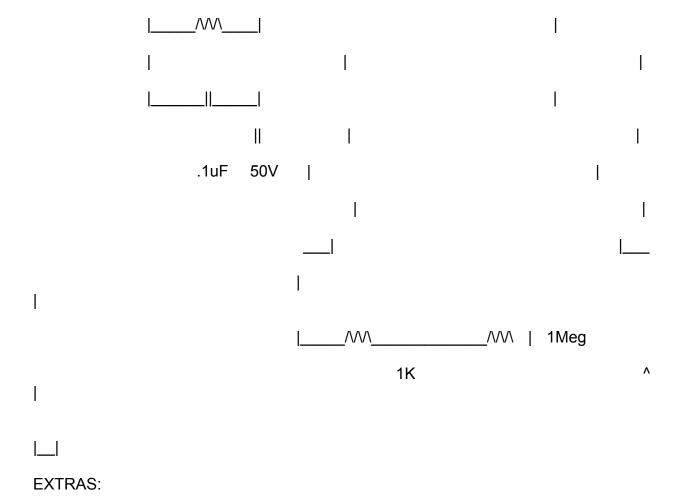
STATE-OF-THE-ART-NEATO TEXT SCHEMATIC:

*This Schematic was salvaged and is

correct

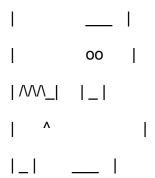
according to the orginal file.

```
+ 16V
1uF -
                      !
               !
                                                                  [/[
8ohms
          10 11
                  12 13 14 15 16 |
      | 9
|_|\|
             CD4049UBE
      <u>| 1 2 3 4 5 6 7 8 | </u>
                                ļ
                !
[b]
                                                           [a]
[t]
                   1N914
             !
                                                             !
[t]
                                                 [+]
                        |\cdot|
                     10K
```



To keep tones that you wanna use frequently like 1850 Hz then all you have to do is put in a variable resistor and adjust it to where you have the correct tone, then just put a push-putton switch on the line.

You can link them together in a chain, etc.



There are many other good mods to make to the box so have phun and be smart.