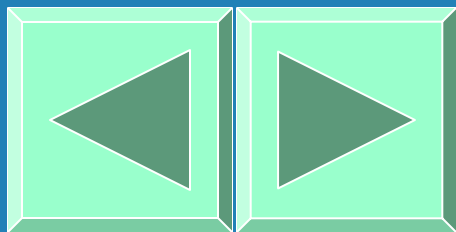
KA9WRL
Slow Scan Television
Greetings from Bill in Grafton, Wisconsin

Slow Scan TV

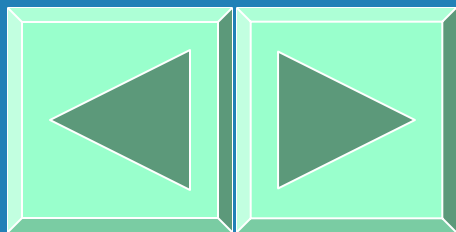
is fun

and easy to do.



I'll show you how easy it is.

- There is no RF at all,
  it is all done with audio.
- Use your PC to do all the work.

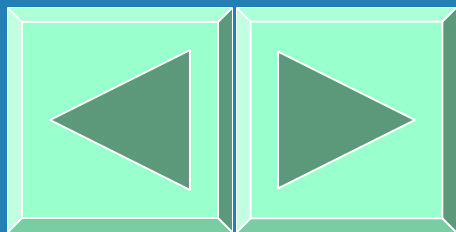


Why would you try SSTV?

- To show off of course.

  We hams like to “HAM” it up.

- It is also nice to SEE who you are talking to.



Here is what you might see on SSTV.

friends & family,

These are real SSTV pictures.

Here is what you might see on SSTV.

- that new car,

Here is what you might see on SSTV.

that new house,

Here is what you might see on SSTV.

- that new rig,

Here is what you might see on SSTV.

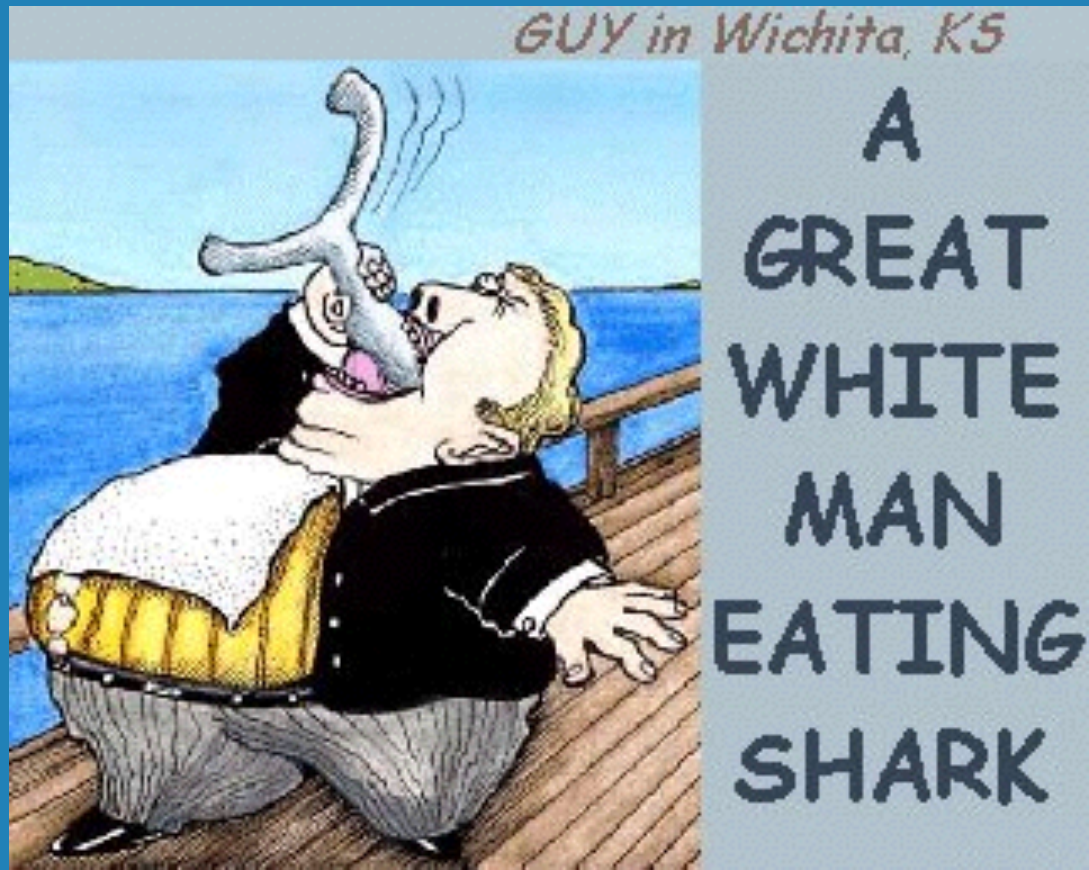
- your pets,

Here is what you might see on SSTV.

- other hobbies,

Here is what you might see on SSTV.

- Cartoons,



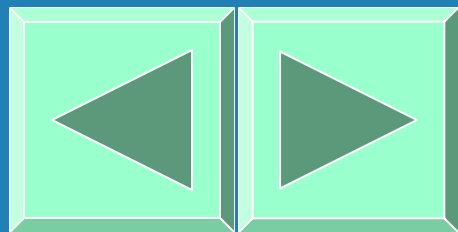
Here is what you might see on SSTV.

- or, just embarrass your friends.

What do you need - to send & receive SSTV ?

- An amateur radio license
  (Not required to receive only).

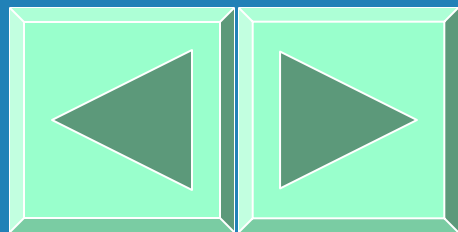
- Your radio
- A PC (or Mac)
- A hardware interface
- Software
- iPhone or iPad (receive only)



If you have most of that, but need an interface . . .

- You can build your own or buy it.
- To buy one, try these:
  - RIGblaster - West Mountain Radio
  - MFJ-1275 - MFJ
  - SignaLink - TigerTronics
  - Rascal - BUX CommCo

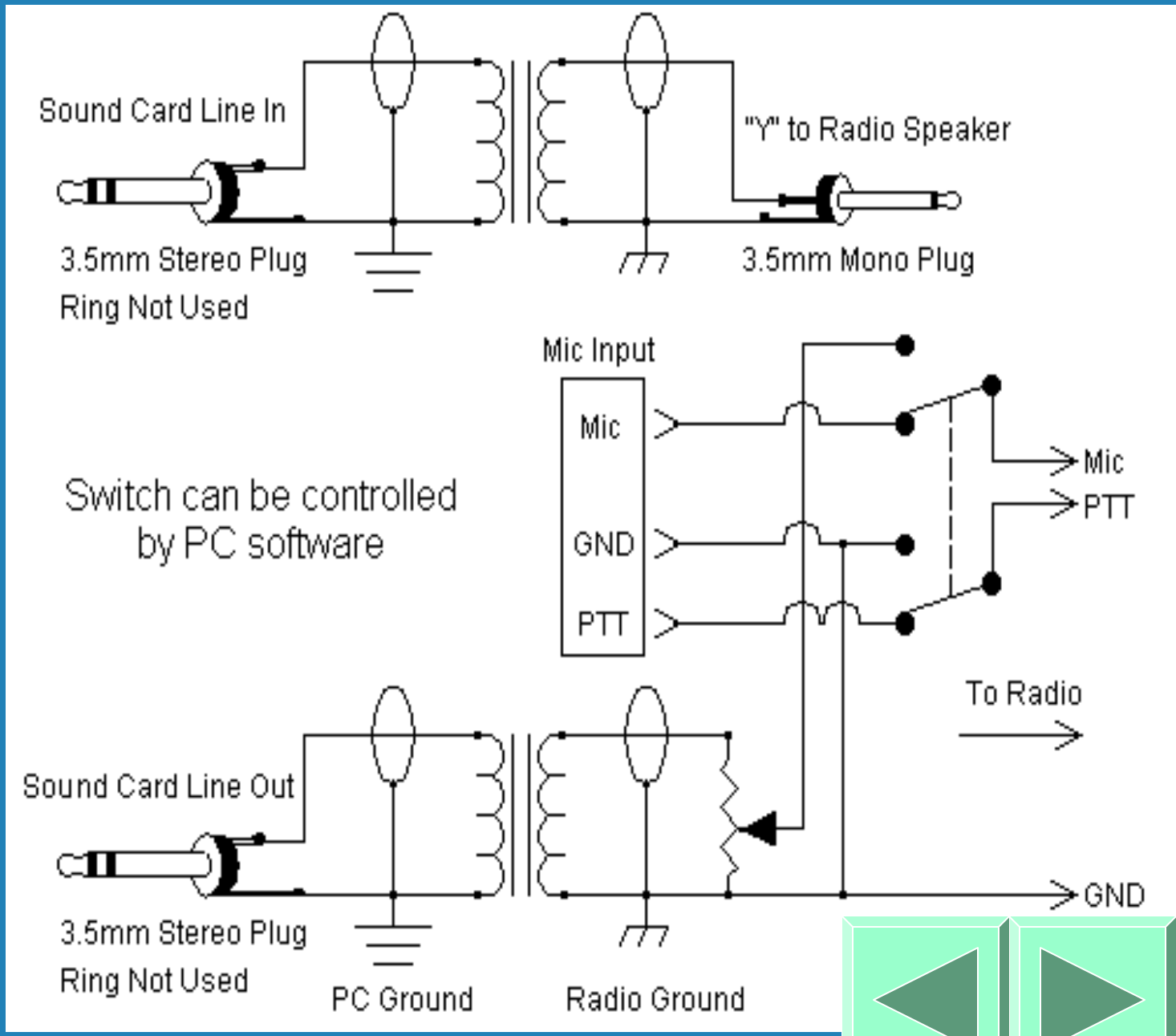
  Then just plug it in.
- If you are a builder, try this:



Roll Your Own:

- Just one example:

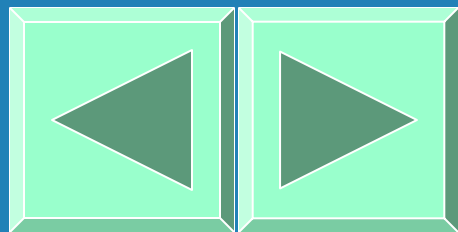
See,
it is
very
simple !



S.S.T.V.
RADIO
SPKRS
XMIT
RCV

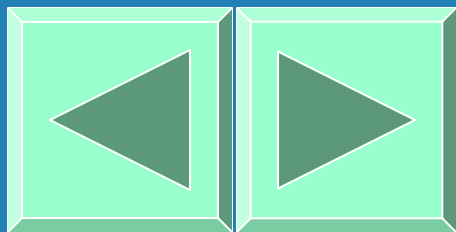
Now that you have Hardware, you need Software.

- Each program is a little different:
  - Chroma Pix - Silicon Pixels
  - MMSSTV - MM Hamsoft
  - SSTV for Linux - ON1MH
  - & many others for PC (and MAC)
  - Easy Pal (Digital)
  - Black Cat Systems (iPhone/iPad)
  - iPhone_SSTV.mp4 (iPhone/iPad)



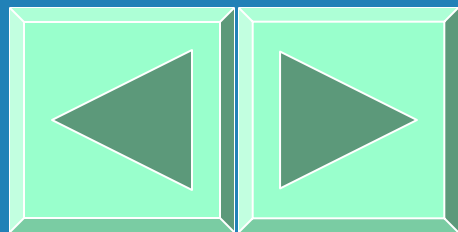
Choose your Software, then:

- Download your choice.
- Install it following the manufactures recommendations.
- You’re almost done:



Set up the software

- Try receiving your first picture.
- Correct RX slant (varies with program).
- Ask to send your first picture.
- Correct your TX slant (also varies).
- You're in business!

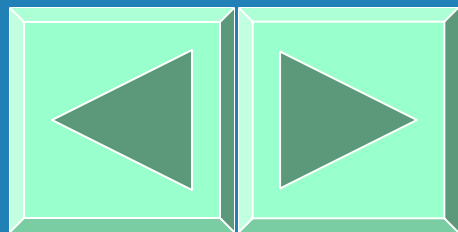


Finding others

Nationally most operating is done on 14.230 MHz +- 3 KHz.

There are also active simplex repeaters near 28.690 MHz.

Other frequencies in use are on these bands: 160, 75, 40, 17, 15, 6 meters and on 145.500 MHz.

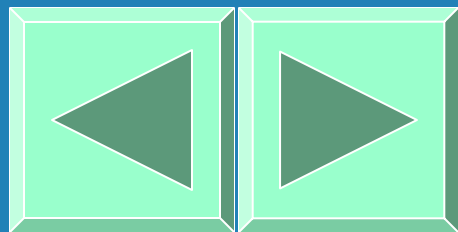


Operating practices
(In My Humble Opinion)

- ID by voice before and after your picture.
  - CW ID's are nice and legal, but they distract from your comments. Turn off the CW - ID.
- Be careful of your content.
  - You wouldn't send your pastor a belly-gram would you?
- Every picture is a work of art to someone.

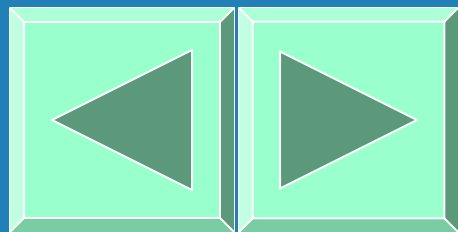
Get Help

- Nearly everyone new to SSTV has a problem or two.
  - They are normally only a minor irritation.
  - Someone else with the same software can save you lots of aggravation.



Get Help

- Because we were all new to SSTV once, we know some of the pitfalls and are eager to help you.
- So don't be bashful if you need help.
- Look for other sites on the web.

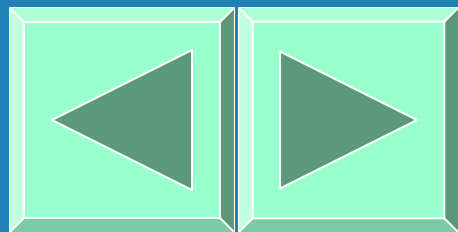


Anything else?

- Sure!
  - **Try other modes.**
    The same Hardware works for them too.

– PSK-31
– Amtor
– RTTY
– MT63

– CW !
– Packet
– Packtor
– and others



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