



I Passed my General/Extra Class License and now I'm READY to buy My FIRST HF Radio!

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What should I buy for my first HF Radio?

What should I buy for my first car?

"Temet Nosce"



What do you want to do with **YOUR** HF Radio?

Voice?

CW?

Digital?

Rag Chewing?

Contesting?

Schedules?

Nets?

DX Chasing?

Fixed Station, Mobile, Portable?

QRP?

High Power?

Radio or Rotor Control?

Satellite Work?



Typical "Component" Station











Power Supply HF (10-160) Tuner 6 Meter 70cm/2M



Typical "Integrated" Station





Power Supply

HF (10-160)

6 Meter

2m/70cm

1.2GHz

Antenna Tuner

"DC to Daylight"



Tom's Scorecard

Component Vs. Integrated

Cost

X

Space

X

Power

X

Upgradeability

Performance >>

Availability



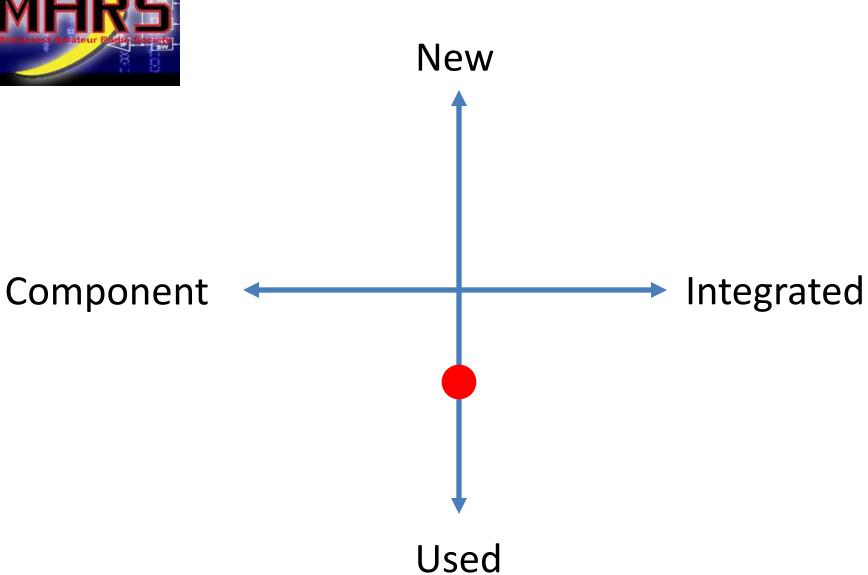
So there is another aspect to Radio selection....

Full Size Vs. Compact











Let's Talk About 3 Key Features:

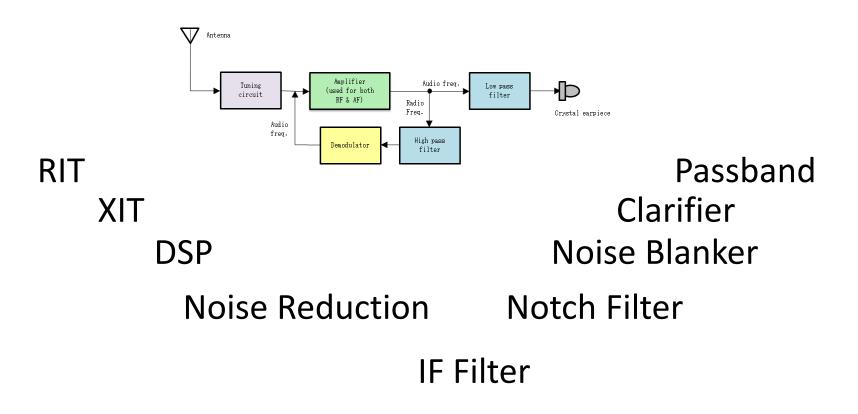
Filters

Receivers

Serial Interfaces

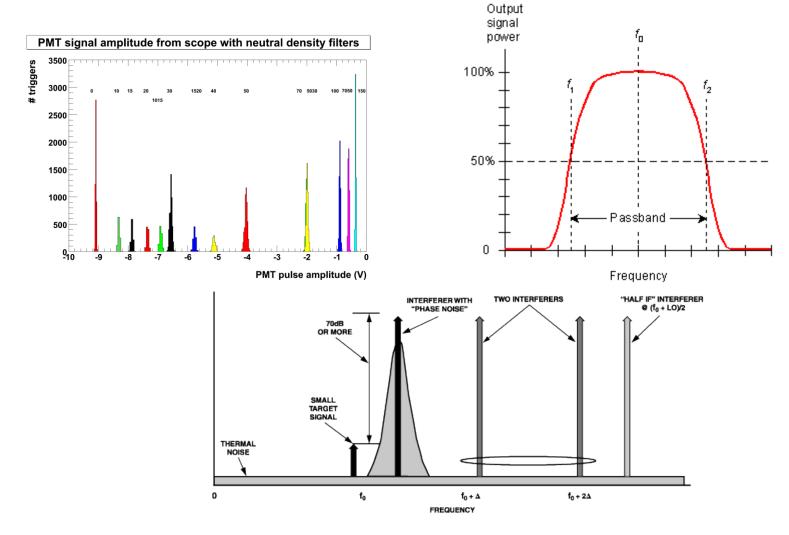


To Receive or Not To Receive.....



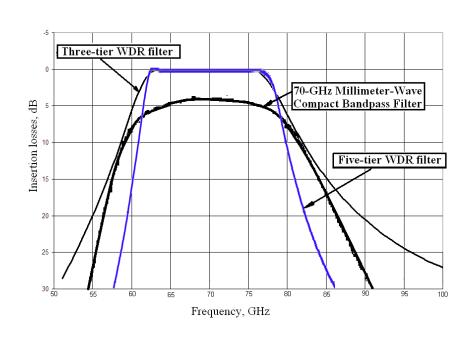


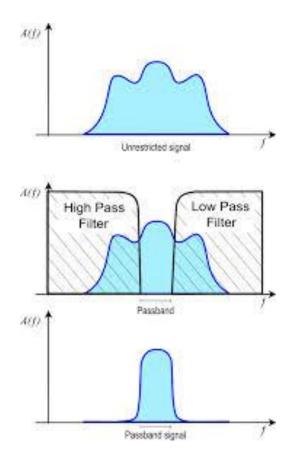
So what is an Analog Filter?





So what is what is Digtal Signal Processing and why should I care?







Two Receive or Not Two Receive... Why would I need two receivers?

There are at least two use cases:

- Contesting
- ➤ Working DX/DXPeditions

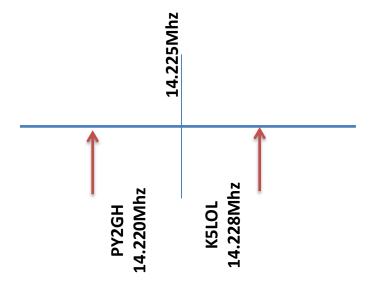




What is RIT/XIT?

Receiver Incremental Tuning Transmitter Incremental Tuning

Typically about 10KHz







Radios and Computers A Marriage Made in Heaven





Computer Control
Logging
Rotor Control
Digital
Memory Programming



Ham Radio Deluxe



What About Software Defined Radios?





Is this a good "First HF Radio"?





Too many choices? AHHHHHH!

- ☐ Decide what you want to do with your HF Radio
- ☐ Talk with other HF operators to and ask them what they like or dislike about their radio(s)
- ☐ Leverage the reviews on eHam.net (~370 Reviews of HF Radios on eHam!)
- ☐ Operate at as many events as you can like Field Day where you can get some "hands on" experience
- ☐ Make yourself a spreadsheet



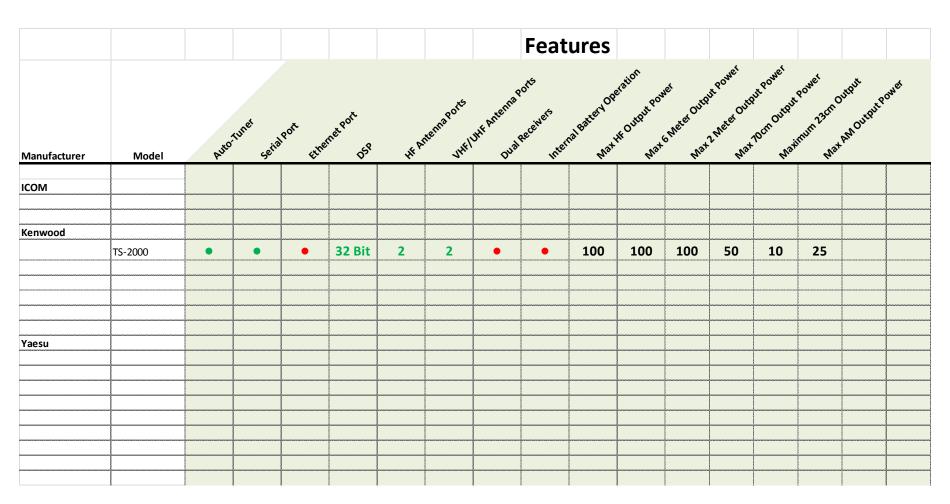
Get Some Basic Info Like Frequency Coverage

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Look At Features That Might Be Important To You





Don't "Sweat" Your Decision Too Much.....

Within Two Years, most new HF
Operators will want to either add
to their first HF radio "station" OR
they will want to replace what
they initially purchased.



What does Tom recommend For a First HF Radio? FOR TOM!



And The Winners Are:

(i.e. Tom's Fav's for First HF Radios)

(All are current production radios)

Base Station



Kenwood TS-590S

Mobile



Yaesu FT-857D

Portable



Icom IC-7200



Let's Look At Some Software and Radios!