



Exploring Go Boxes

Tom Yenny, P.E.

K5LOL

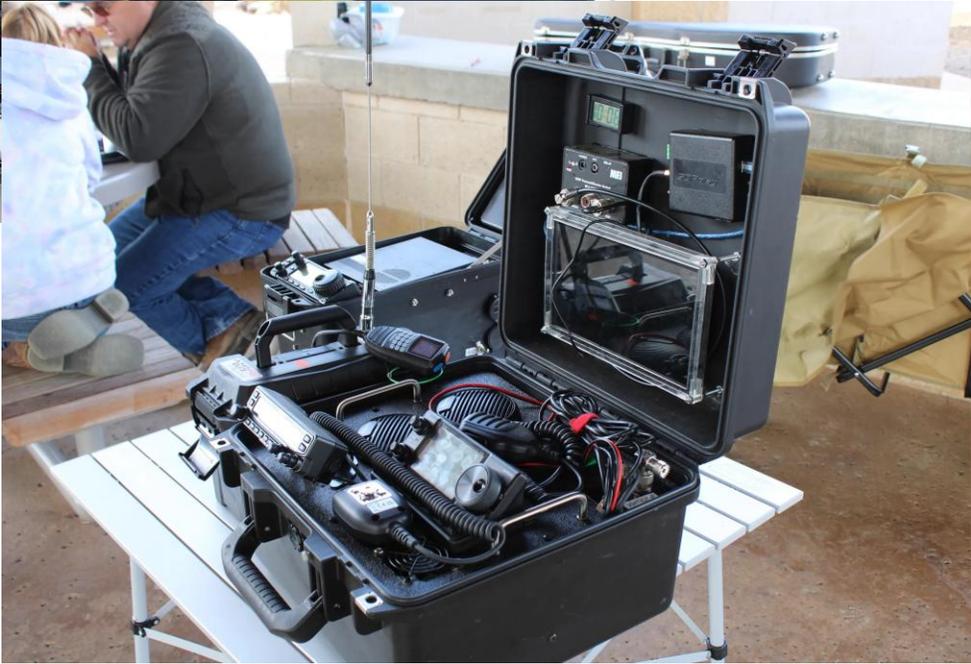


When you hear “Go Box”, what do you think of?



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Google Search



Tom's Definitions

Go Bag:

Small bag that contains radio, coax, antenna and minimal other items needed to get on the air. *"Grab & Go"*

Go Box:

A container that primarily consists of the radio and power system permanently mounted in an enclosure. May include other items like an antenna tuner, meters, power distribution, battery, etc.

Go Kit:

Consists of a Go Box, Antenna, Coax, Rope, Stakes, Headphones, Computer, etc.



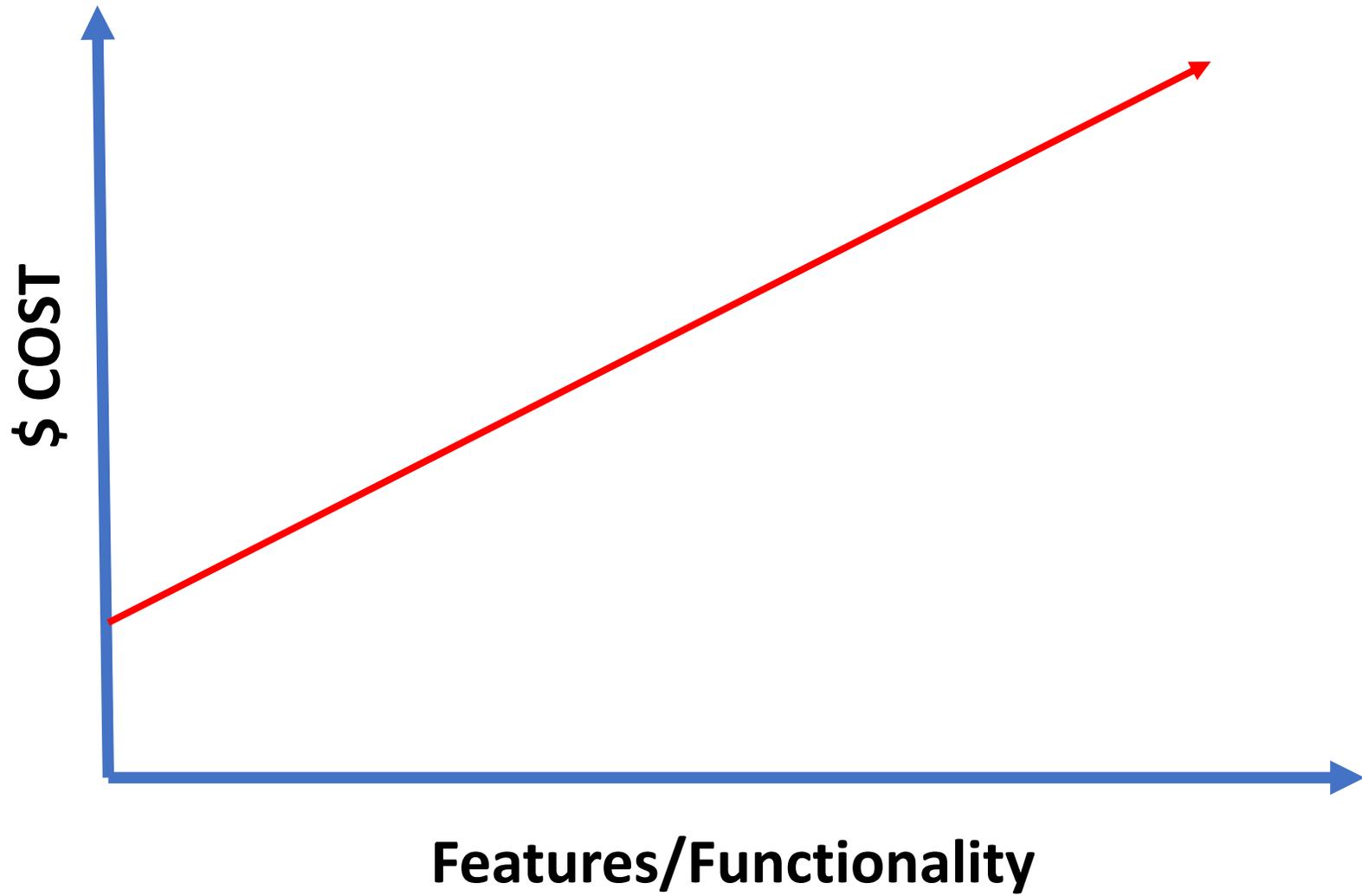
Why Build a “Go Box”?

- Public Service (bike rides, races, balloon festival)
- Emergency Communications (ARES/RACES)
- Contesting (Field Day, TXQP, TSPOTA)
- POTA, SOTA, IOTA
- Vactioning
- Maximizing use of your radio equipment
- For FUN!



What do you want your “Go Box” To do?

- VHF/UHF Only
 - HF Only
- “DC To Daylight”: VHF/UHF/HF
- Modes: SSB, AM, FM, CW, Digital
 - Computer Interface
 - A/C, Battery or both





Considerations for building a Go Box:

- **Cost**
- **Size and Weight**
- **Wheels**
- **Mode (CW, Digital, SSB)**
- **Home AND Field OR Field Only?**
- **Solo operation in the field or part of a group?**
- **Computer Connections**



For HF Operations, How Small Can We GO?





**Radio, Microphone,
2 Batteries, CW Key,
DigiRig, A/C Charger**





**KX2 Case, Coax
Headphones &
3 Antennas, Rope,
Throwing Weight**





**For Public Service
ARES
VHF/UHF Solution
Radio Box
Power Box**





Pelican Case
Cutting Board
LiPo Battery
PowerGate
Velcro
Wire Ties





Pelican Case
Cutting Board
DC Power Supply
RigRunner
Wire Ties





**Contesting, POTA,
SOTA, IOTA, Public
Service, ARES,
RACES, etc.
ALL of the above!**





Tom's Strategy for HF Go Box Operations



← Audio, BP Filtering and External Tuner

← Networking Go Box

← Radio Go Box



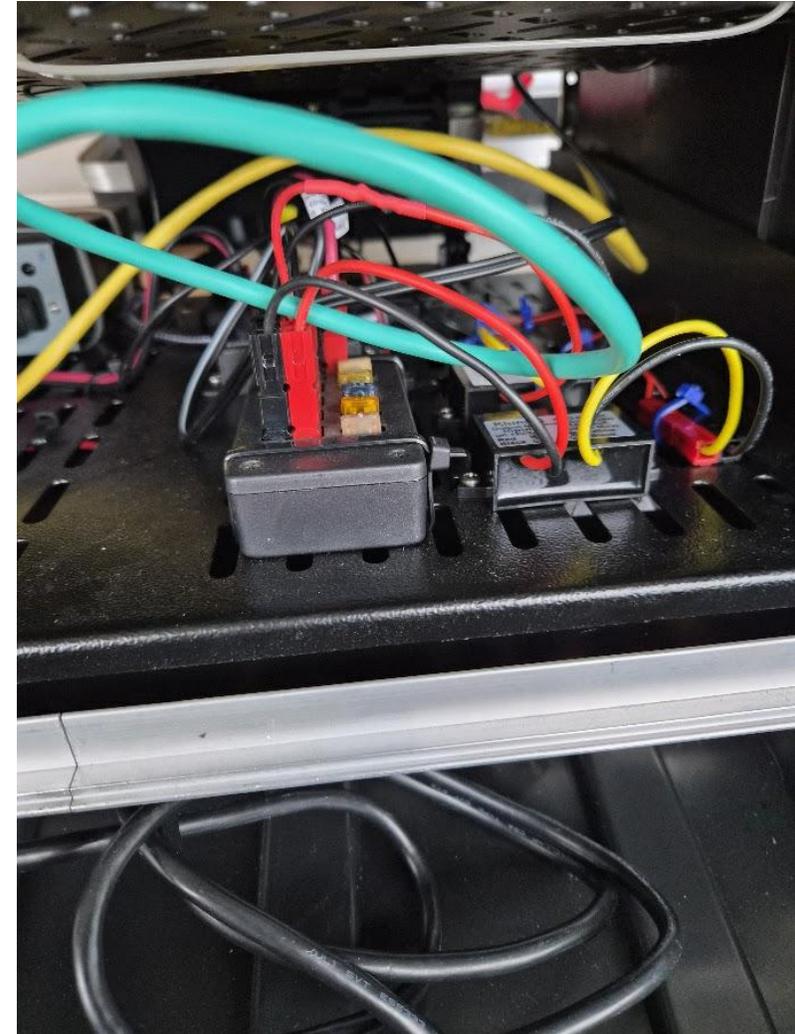
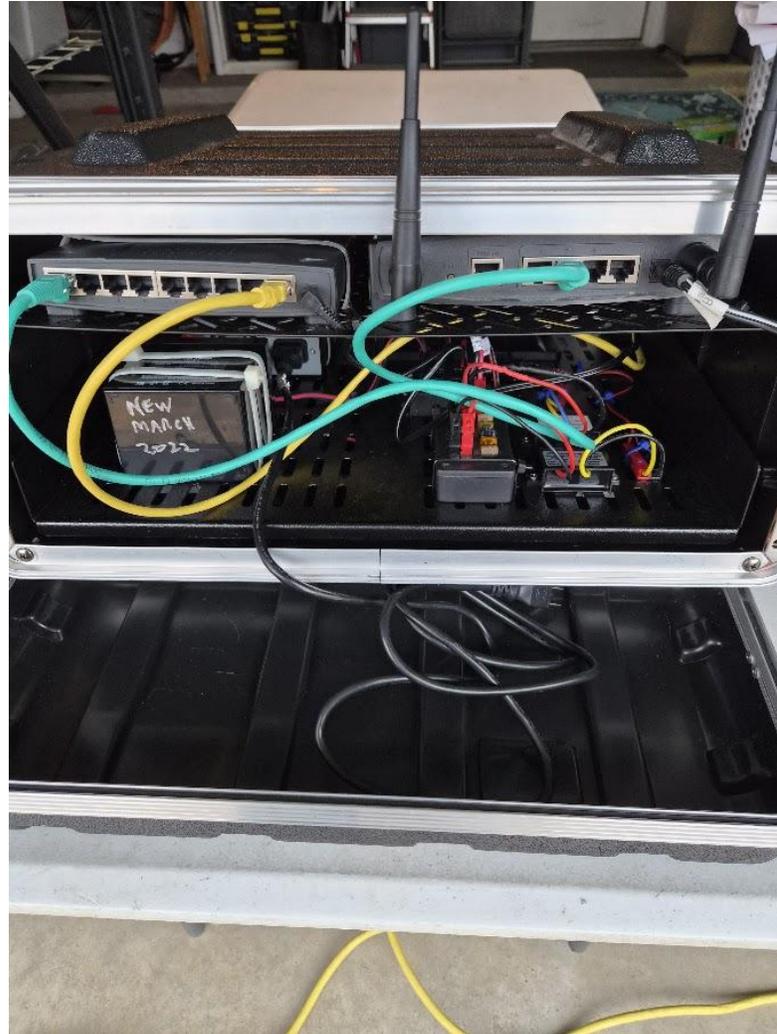
K5LOL Radio Go Box

iPortable
Box





K5LOL Networking Box Based on David Duke (KM5YQ-SK)





K5LOL Filtering/Audio Box





“Tools Of The Trade”







“Tools Of The Trade”



**HVAC Hanger
Strap \$5 @ HD**



**Velcro
\$9 @ Amazon**



**Heavy Duty
Zip Ties
\$18 @ Amazon**



**Greenlee Punch
5/8" Hole
\$83 @ Amazon**



And Don't Forget....



A GOOD Label Maker



Where Can I get Ideas from?

- A. Other Members of our club
- B. Hamfests
- C. Public Service Events
- D. “Go Kit Challenge”: <https://gokitchallenge.org/> (March 21; 8AM-Noon)
- E. Social Media like Facebook:
<https://www.facebook.com/groups/216482781809328>
- F. YouTube: <https://www.youtube.com/watch?v=kPB4WD5F9Ns>



What Will You Build?

