

# Interconnecting Radios and Computers for Digital Modes

Jeremy Jones  
VA3ZTF

# Popular Digital Modes

- FT8
- FT4
- PSK31
- RTTY
- WSPR
- CW

# Common Programs

- WSJT-X
- FLDigi
- Ham Radio Deluxe (DM 780)

# Key Considerations

- Rig Control
- Audio input/output
- Level Adjustment

# Rig Control

- USB
- Serial

# Audio I/O

- Built in audio device - Icom
- External audio device - Signalink USB
- Computer sound card - Not recommended

*Signalink™ USB*

PWR



PTT



TX



RX

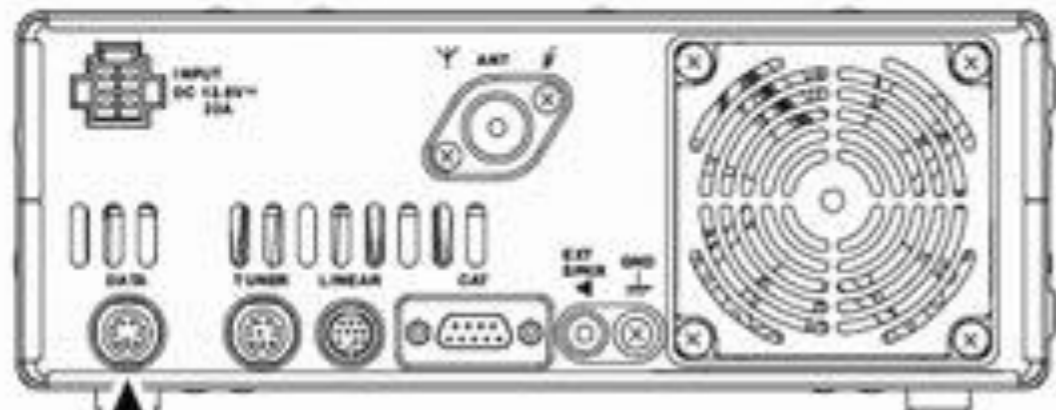


DLY



Integrated USB Sound Card

# Yaesu FT-450D



# Signalink USB



USB port

Supplied Connection Cable

Supplied USB Cable



# Application Configuration

WSJT-X and FLDigi

# Adjusting Audio Levels

<https://www.youtube.com/watch?v=Oet6hLMnDpE>