

Hybrid QITC-ITC System: Build Guide & Parts List

Date: April 03, 2025

1. Input Section (Signal Capture Layer)

- Quartz Crystal Microphone (Piezo Disc, 20-40mm): \$2-\$10
- Germanium Diode Detector (1N34A or OA91): \$1-\$5
- Optional: LM386 Audio Amplifier Kit: \$5-\$10

2. Field Coherence Enhancer

- Mini Tesla Coil or Scalar Field Coil Kit: \$20-\$100
- Schumann Resonance Generator (7.83 Hz): \$15-\$40

3. Signal Buffer & Replay

- Analog Tape Recorder (Walkman, Dictaphone): \$30-\$150
- Software-Defined Radio (RTL-SDR v3): \$30-\$60

4. Interpretation Layer

- Audio Editing Software: Audacity (Free), Reaper (\$60), Sonic Visualiser (Free)
- AI Voice Tools: OpenAI Whisper, Deepgram
- Cymatics Visualizers: LED Plate or App: \$20-\$50

5. General Support Parts

- Breadboard/Perfboard, Shielded Cables
- Plastic/Wood Case, Optional Faraday Mesh
- Portable Field Recorder: Zoom H1, Tascam DR-05 (\$80-\$120)
- 9V Battery or USB Power Supply

Estimated Cost

- Low Budget Version: \$75-\$150
- Enhanced System: \$250-\$500+