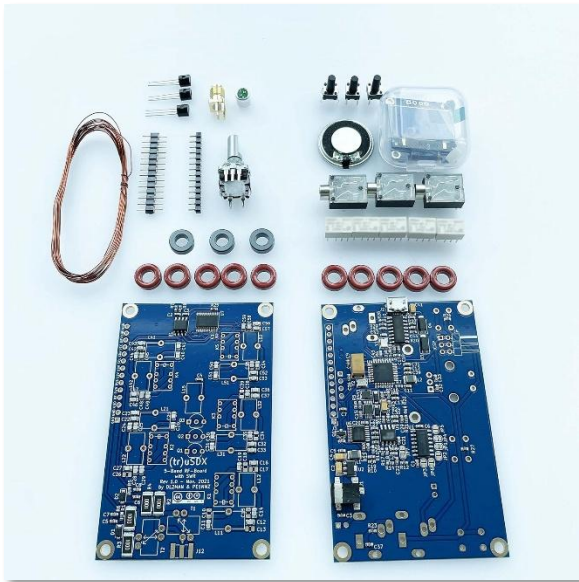


## Build-A-Thon Set For July

Warm up your Weller!\* MARS is planning a kit build for Play Day July 19 at the Josey Ranch Lake Library. The project is a **uSDX 5-Band multimode QRP transceiver** available from Amazon for only \$83. <https://www.amazon.com/dp/B09YH2V2ZP>



Amazon stocks this kit in the US so it will ship quickly. This kit has the LO band RF board for 80/40/40/30/20 meters. The LO board is easiest to build and tune, so that's best to start with.

All the surface mount components are preinstalled! Everything else is through-hole. The trickiest part of the build is winding some toroids and transformers.

You'll want a case and **Dave Lane, N5GDL**, has a 3D-printed case much better quality than available online for \$7. A big *thank you* to Dave for doing this.

### What You'll Need

#### A good temperature-controlled soldering station

If you don't already have one, Weller and Hakko make good ones but you can get an inexpensive Elenco for \$28

<https://www.amazon.com/Elenco-Soldering-Station-Holder-Sponge/dp/B002KIYSHQ>. This kit by YiHUA includes extra

tips, helping hands, tweezers, solder and a solder sucker for \$40

<https://www.amazon.com/gp/aw/d/B082F1WKP9>.

#### Rosin core Solder 60/40 or 63/37 (recommended)

#### A solder sucker

This one is much better than the one in the YiHUA package. <https://www.amazon.com/dp/B0CFTGBV79>

#### A magnifying glass

If your old eyes aren't what they used to be, you'll need one to check your work. Wearable magnifiers are handy as well.

#### Lighting

Don't count on the overhead lights to let you see. A desk lamp is a must. An LED will be much cooler for you.

#### A good flush cutter to trim your leads.

There are some nice ones at Home Depot but Harbor Freight has an inexpensive pair.

<https://www.harborfreight.com/5-in-precision-flush-cutter-57794.html>.

#### A power strip

Here are some handy links to help you get going.

Manual <https://dl2man.de/4-trusdx-manual/>

Assembly <https://dl2man.de/2-trusdx-assembly/>

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

Setting the frequency <https://www.youtube.com/watch?v=LpQtqlrVFOk>

If you have any questions, contact [George Williams, KG5GXU](#) or [David Gilpin, K5GIL](#). They'll be glad to help

\*Leave your "gun" at home.