

Phaser Digital Mode Transceiver Kit

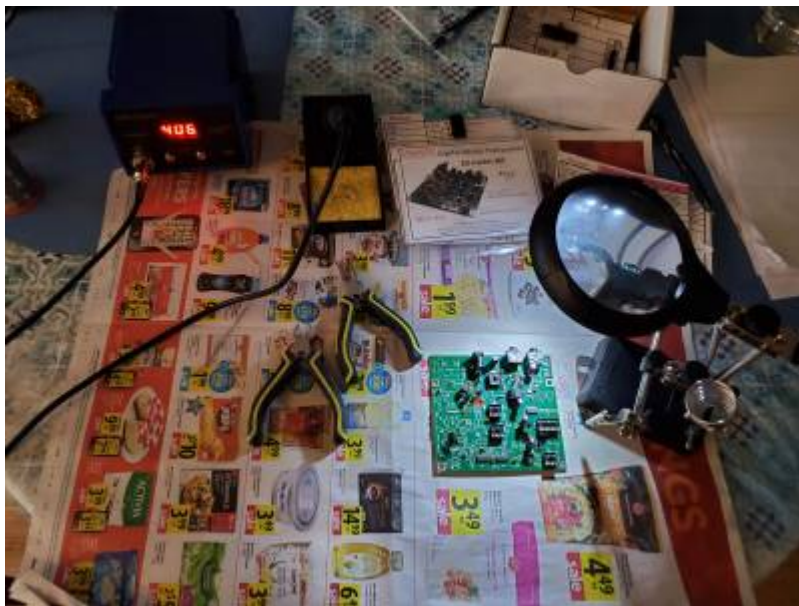
Update November 6th, it looks like they will not be shipping Phaser Kits after their next round 12 order, so if anyone is interested in building one this would apparently be the last chance to order one "Round 12 Orders: Now taking orders for the final final round of 50 kits" , hopefully they will change their minds in the not to distant future as this is a really fun kit to build.

This is a link to the Web Page for the Digital Transceiver Kits I am building (20 M and 40 M) it looks like a really fun project, they have a discussion group too which is quite interesting to follow as it gives a community feel to the whole project, I am hoping to receive the 20 M one soon and will try to take photos and do a little write up on it for our website. <https://midnightdesignsolutions.com/phaser/>

Just a quick update, I received my 20 M and 40 M kits, finished assembling and testing the 20 M kit, worked right away, quite impressive I made contacts immediatly including one to Japan all using just under 4 watts!

Definitely a worthwhile project and quite a bit of fun to build and use, price for the kits is \$60 USD with \$20 shipping so a budget way to run digital modes for around \$100.

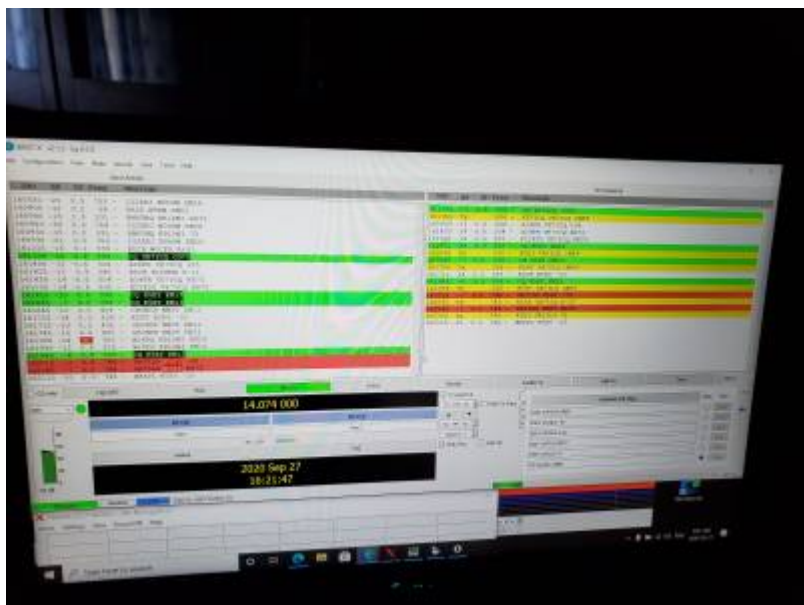
I will add some more content in the coming days.



Starting assembly.



Testing the receive stage of the build.



First contact made.



Finished assembly of board.

1000 Miles/Watt Club

S/N	CALLSIGN	NAME	BAND	Comments
268	W0BM	Cahill, Pat	17m	Australia, 9456.9 miles @ 3 watts - about 3150 miles per Watt
818	KE3AM	Stepnowski, Dave	20m	US7Vt 4875 Miles with 3 watts
578	N0ATM	Wilk, John	20m	Montenegro, 5.2 watts, 5077 mi
687	AB4BA	McGrawell, Brad	20m	WH65 (3994 miles) and DK5WU (5066 mi)
518	K1TLX	Huggenoltz, Joe	20m	Worked Italy which was 4852 miles from my QTH using 3.3 W
267	VA3AW	Woodring, Al	20m	Toronto to Alabama at 330mV ... >2000 miles per watt!
887	W0DM	Jones, Bill	20m	WH65 with 3 watts for 4884 mi, and 5550 for 5089 mi and using PTH worked WPCF for 4885 mi.
748	N4EP	Patten, Bob	20m	W320 5100 8-18, 8951 mi, 3117 miles per Watt
778	K1CNR	Deneault, Skip	20m	7/15/2020 - DXFVW Grid (N889) Austria 4268 miles and 151XA Grid (N79) Slovenia 4103 miles 4 watts
828	V0TLO	Cookson, Mick	20m	8/14/20 (Translators also Phaser!) 4682 miles, power out being 3.5 watts so 4682/3.5 = 1,337 miles/watt
666	W0WA	Barton, Jesse	30m	DX1WCF at 4359mi with 4 watts
667	W0BM	Cahill, Pat	30m	Japan, 8027.8 miles @ 3 watts - about 2680 miles per watt
836a	N3AKZ	Kirby, John	30m	2N76 -> PA118 = 4429 miles/watt
555	K0BYV	Turner, Delight	40m	I have already talked 6,080 miles (confirmed) with the 4 Watt 40 Meter Phaser 2000 miles/watt
538	K8VVT	van Tol, Andy	80m	20m with GRC22 Phaser 8584, 8662 miles to England on 8 watts, 60 m band

It appears mine is making some history, Phaser from Canada to Phaser in Japan!

<https://midnightdesignsolutions.com/phaser/Registry.html>

73

Nick VA7ILO