Phaser Digital Mode Transceiver Kit

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.

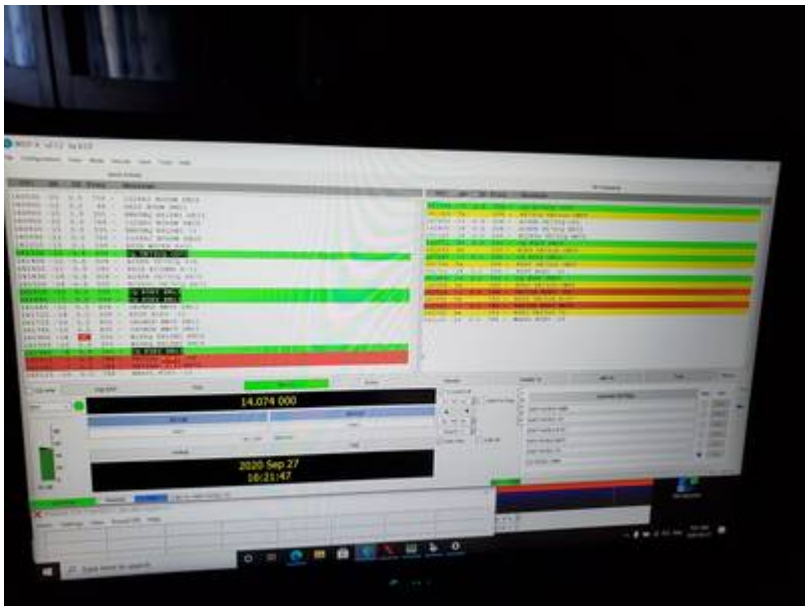
I will add some more content in the coming days.



Starting assembly.



Testing the receive stage of the build.



First contact made.



Finished assembly of board.



Installed in the case which has a clear lid so the board is visible with the lid closed, the power supply is a TalentCell Model YB1208300-USB 100 watt hour which seems to work well with it for portable operation.

1000 Miles/Watt Club

S/N	CALLSIGN	NAME	BAND	Comments
268	W0BM	Cahill, Pat	17m	Australia, 9458.9 miles @ 3 watts – about 3150 miles per Watt
818	KC5AM	Stepnowski, Dave	20m	US7VF 4875 Miles with 3 watts
578	N9ATM	Wilk, John	20m	Montenegro. 3.2 watts. 5077 mi
687	AB4BA	McDowell, Brad	20m	W9IES (3394 miles) and DK5WL (5066 mi)
538	K9TUX	Hoppesch, Joe	20m	Worked Italy which was 4852 miles from my QTH using 3.5 W
267	VA3IAW	Woolfrey, Al	20m	Toronto to Alabama at 300mw ... >2000 miles per watt!
387	W4DM	Jones, Bill	20m	W9IES with 3 watts for 4564 mi, and S53D for 5049 mi and using FT4 worked F6FCE for 4484 mi.
749	N4BP	Patten, Bob	20m	VK2ID S+00 R-16, 9351 mi, 3117 miles per Watt
778	KB3CNB	Denault, Skip	20m	9/15/2020 - OE3UKW Grid JN88hj Austria 4068 miles and S51XA Grid JN75rx Slovenia 4103 miles 4 watts
828	VA7ILO	Cookson, Nick	20m	JR3NHO (Tanaka-san also Phaser!), 4682 miles, power out being 3.5 watts so 4682/3.5 = 1,337 miles/watt
666	W4FVA	Barton, Jesse	30m	OK1WCF at 4359mi with 4 watts
667	W0BM	Cahill, Pat	30m	Japan, 6027.3 miles @ 3 watts - about 2000 miles per watt
836a	N3AAZ	Kirby, John	30m	JN76 <> FM19 = 4429 miles/watt
955	KD8YFV	Turner, Dwight	40m	I have already talked 8,000 miles (confirmed) with the 4 Watt 40 Meter Phaser! 2000 miles/watt
534	K9AVT	van Tol, Andy	60m	QSL with G4CCZ. Phaser #534, 4652 miles to England on 4 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

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