

The Marconi CNY-2 Pete Shepherd G7DXV



Front view of the CNY-2

When I first asked the VMARS for any help with my CNY-2, it was suggested that I put a few words together for the newsletter - apologies as I have not had a lot of time to do so until now.

I think the rig is pretty rare. Ben Nock has one in his collection, I have just found out that the Muckleburgh collection have one, and I believe there is also one in a museum in Hove near Brighton.

The rig was manufactured by the Marconi Wireless Telegraphy Co, in Chelmsford I believe, and is dated back to circa 1942. It was intended for use in landing craft, and as it can be mains or battery powered could be used in the field or in vehicles.

As can be seen in the pictures the main unit comprises of 4 sub units, a PSU, a drive unit (vfo), Final PA and modulator unit, and receiver.

The transmitter covers 1.5 to 9 MHz and makes use 807's in all stages. It has a RF output of about 5 to 8 watts on AM and CW.



The receiver unit

The receiver covers 0.4 to 10 MHz, and uses the common Marconi line up of KTW61's, X65, and DH63. A 6V6 is in the audio stage.

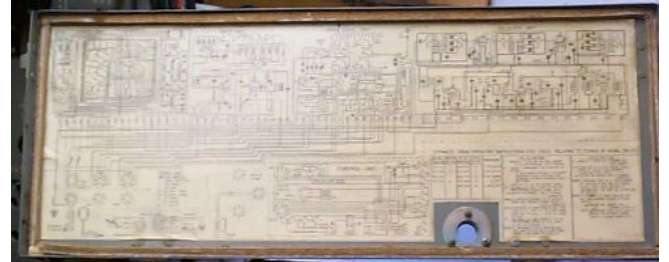
The CNY-2 main unit was supplied with a remote control unit and a loudhailer loudspeaker.

Unfortunately I do not have these items, or the cable sets. The loudhailer could be used with 10 watts of audio for local comms purposes.

I suppose I was lucky in obtaining my CNY-2. I got wind of an elderly lady who was disposing of her late husband's equipment from a colleague of mine at work. I duly went over

to Great Baddow, just outside of Chelmsford to pick up some bits and found an R107 receiver complete with its transit case and lid, and the CNY-2 complete with its transit lid. I was told that the equipment was too heavy for this woman to put in the skip. Unfortunately the skip had already gone. Where was the control unit and cables? Don't even think about it! At the time I did not realise what the CNY-2 was, I now know how lucky I am.

The plan now is to get connectors for the rig, make a substitute control unit, and get the gear operational. If I could find the missing control unit and cables, then all the better.



Most helpfully the circuit diagram is included inside the case cover

To look at the rig in my possession you would think from its condition that it was brand new. The photos bear this, but more so the equipment has the new smell to it. I think the fact that it has a sealed transit lid has preserved its condition. Unfortunately it does have one problem, the receiver main tuning capacitor mounting bracket has suffered some form of metal cancer. The metal has deformed and gone brittle. This item will in due course, be replaced with a new fabricated item. At least the receiver will be operational.

Hopefully my CNY-2 will be on the air in the not to distant future, and working other VMARS members.

Thanks go to the VMARS for the supply of a manual for the item. I would like to hear from others with information on this equipment, particularly if other owners are around.



The transmitter drive unit

If any other members need it, the manual for the CNY-2 is available from the VMARS Archive – Ed.