

Greetings to all.

A recent request for information about an RCA CR91A receiver on another list set me thinking about a half finished project that I have been preparing for some time.

Could the list comment on the following bits of information that I have gleaned over time and tabulated in a rough manner.

Any and all comments would be welcome but,if possible,please quote your reference as there is a great deal of (sincere) misinformation around.

Incidentally,I have never seen a definitive statement of the "AR" bit of the nomenaclature. "CR" is most probably "Component Receiver".(Source:-DR-89A,Diversity Communications Receiver, Instructions.)

There are other differences between the versions (such as output tubes and speaker/headphone impedances,crystal controlled LO's etc.) which for the time being I have not listed here although I hope for replies to assist.

Also confusing is the military badging of variants of assemblies (eg. SC88 etc) and of individual receivers,again,any info gladly received.

There is ,as well,some division of opinion about which versions were made in the US or Canada (or elsewhere?).

Another variation that I would like to document is what were the different meters available to be fitted.I have some documentation about a "Db above 1 microvolt" version and I have seen an "S" version with S unit markings.

A lot of the listed information has been gained from personal correspondence with various people over the internet net. I cannot credit them here,however, many thanks to all who helped.

*** AR88 has MF,HF frequency coverage,IF-455Kc.

AR88 is the same as AR88D except D version came with desk mounting case which any of the variants would fit into with some differences around the rear guide pin area.

All variants would fit a standard 19 inch rack.

Front panel : Black crackle.

Manufactured : USA

(Source: General Purpose Communicartions Receiver Model AR88D,Instructions)

*** AR88F is the same as AR88 but with diversity gain control on front panel at lower right between Selectivity swich and AVC switch.

Front panel : Black crackle.

Manufactured : ?

AR88F is a sub component of DR89,Diversity Communication Receiver.

(Source: TM 11-880, Radio Receivers RCA Models AR88D and AR88F)

*** CR88 has same frequency coverage as AR88 (MF,HF) but with crystal phasing control in lower middle of front panel in triangular formation of RF,AF and CP controls.

Front panel colour : ? BLACK CRACKLE

Manufactured : USA.

CR88 is a sub component of : ?

(Source: General Purpose Communications Receiver Model CR-88,Instructions.)

NOTES: 3) SHOWN FITTED TO DESK CABINET
4) CRYSTAL PHASING CAP. IS 5.75?
1) FACTORY FITTED WITH dB'S METER.
2) MANUAL DATED 25-7-'46

*** CR88A is same as CR88 but with addition of a Diversity Gain Control at lower right of front panel between Selectivity switch and AVC switch.

Front panel colour : Grey.

Manufactured : USA

CR88A is a sub component of DR89A,Diversity Communication Receiver.

(Source:DR89A Diversity Communications Receiver, Instructions.)

*** CR88B is RCA Radiomarine Corp. variant,details are sketchy but believed to be MF,HF variant with crystal calibrator,single band in use dial and three position selectivity control

Manufactured : USA

*** AR88LF is the LF,HF version of the AR88,IF-735Kc.

This could come with a desk mount case.

Front panel colour: Black crackle.

Manufactured: Canada.

(Source : General Purpose Communications Receiver Model AR-88.LF, Instructions)

*** CR91 is the same as AR88LF.

Front panel :Black crackle.

Manufactured : USA

CR91 is a sub component of : ?

(Source : General Purpose Communications Receiver Model CR-91,Instructions.)

*** CR91A is same as CR91 but with addition of Crystal Phasing Control in lower middle of front panel in triangular formation of RF,AF and CP controls.

Front panel : Grey.

CP91A is a sub component of : ?

I will tabulate all confirmed replies into the list above and note the unconfirmed ones.

Thanks for the read,Brian Goldsmith.