

Volume 3 AMENDMENT No.1

Date of issue: June 2017.

After the publication of 'Wireless for the Warrior' Volume 3 Reception Sets, a small number of minor (typing) errors and incorrect data was spotted. Corrections, additional photos and information are combined in this 'Volume 3 Amendment No. 1'.

If printed on A4 paper, cut away circa 7mm from the bottom and side of the sheet. The prepared sheets will fit snugly between the inside cover and dust cover flap. It is further recommended to amend the text corrections in the book with e.g. a (red) pencil or a fine-liner.

Contents:

- **R101, R103, R103 Cdn, R105, R106, R208, R211, R212, R213, R217, R235, BV-613, DFG26/5, DST-100, Eddystone 730/4, RC67, RG35, RS5E, No. 1 (Aust), VRL.**

- Minor correction(s) in Data Summaries, etc.

- R209

- Unit Voltage Dropping No. 1.
- Adapter No. 296.
- Carriers Set No. 48.
- Regulators Voltage 24V input No. 1.

- R210

- Correction in circuit diagram.

Reception Set R101

- Page R101-1: Data Summary, *Valves*: Change ...Detector/AVC... to ...Detector/AVC/**1st AF**...

Reception Set R103

- Page R103-1: Data Summary, *Valves*: Change ...Mixer... to ...Mixer/**LO**...

Reception Set R103Cdn

- Page R103Cdn-1: *title*: Change date of introduction: ...(1944)... to ...**(1943)**...

Reception Set R105

- Page R105-1: Data Summary, *Valves*: Change ...Mixer... to ...Mixer/**LO**...; ...Grid detector... to Grid detector/**DC amplifier**...

Reception Set R106

- Page R106-21: *Caption Figure 106-20*: Change ..(D type rod fitted in Aerial Base No. 3A).. to ..(**E** type rod fitted in Aerial Base No. **4**)

Reception Set R208

- Page R208-1: Data Summary, *Valves*: Change ...Mixer... to ...Mixer/**LO**...; ...Detector and AVC... to Detector and AVC/**AF**...

Reception Set R211

- Page R211-1: Data Summary, *System*: Change ...AM, CW, FSK, SSB... to ...**ISB, DSB, SSB**...

Reception Set R212

- Page R212-1: *title*: Change date of introduction: ...(1951)... to ...**(1948/49)**...

Reception Set R213

- Page R213-1: Data Summary, *Valves*: Change ...((6AM6))... to ...((6AM**5**))

Reception Set R217

- Page R217-1: Data Summary, *Intermediate Frequency*: Change ...2.1MHz... to **2.6**MHz...

Reception Set R235

- Page R325-1: Data Summary, *Size*: Change ...length 45... to ...**7**...; width 20 to ...**22**...; weight 1350 to ...**1000**...

Reception Set BV-613

- Page BV-613-1: Data Summary, *Size*: Change ...height 7... to ...**10½** ...; width 10½ to ...**7**...; weight 16 to ...**17½**...

Reception Set DFG26/5

- Page DFG26/5-1: Data Summary, *Valves*: Change 2nd mixer... to ...2nd mixer/**LO**

Reception Set DST-100

- Page DST-100-1: Data Summary, *Sensitivity*: Change ...50mV... to ...50m**W**...

Reception Set Eddystone 730/4

- Page 730/4-1: Data Summary, *Valves*: Change ...Crystal osc... to ...**Local** osc...

Reception Set RC67

- Page RC67-1: Data Summary, *Size*: Change length ...1ft 3in... to ...**1ft**...; width ...1ft 9in... to ...**1ft**...

Reception Set RG35

- Page RG35-1: Data Summary, Valves: Change ...Mixer... to ...Mixer/LO...

Reception Set RS5E

- Page RS5E-1: Data Summary, Valves: Change ...Mixer... to ...Mixer/LO...; ...DR63... to ...DH63...

Reception Set No.1 (Aust)

- Page RS No.1-1: Data Summary, Valves: Change ...6J8G... to ...6G8G

Reception Set (Canadian) VRL

- Page RS No.1-1: Data Summary, Valves: Change ...AVC Amplifier 6K8... to ... AVC Amplifier ...6K7...; ...6C8GT... to ...6C8G...

Reception Set R209 *(Photos and suggestion to include the following items in this Amendment by Keith Watt.)*

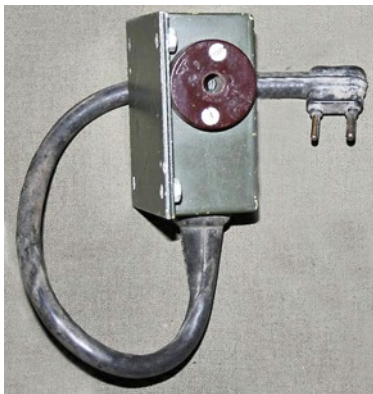
Unit Voltage Dropping No. 1, ZA 31940.



To enable a 6V R209 Mk.1 to operate in a 12V vehicle installation, Unit Voltage Dropping No. 1 was designed. This unit comprised a series resistor with three links for changing the resistor slightly in order to compensation loss in the connectors.

For more more details and a circuit diagram see WftW Volume 3 page R209 - 22, and <http://www.royalsignals.org.uk/R209-all.htm>

Adapter No. 296, ZA 30590.



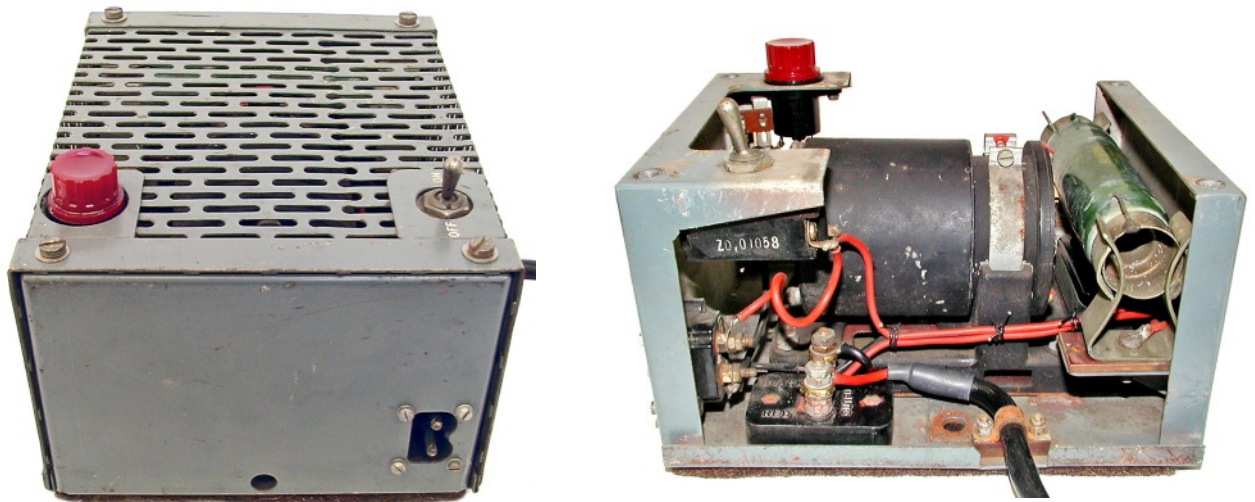
In order to allow the use of headphones with a jack type plug, a special adaptor was issued. (Believed on a limited scale only)

Carrier Set No. 48, ZA 30242.



Carrier Set No. 48. In all vehicle installations an R209 was mounted using a Carrier Set No 48. It was not used in general purpose ground stations. See page R209-18 to 33 in WftW Volume 3 'Reception Sets', and <http://www.royalsignals.org.uk/R209-all.htm>

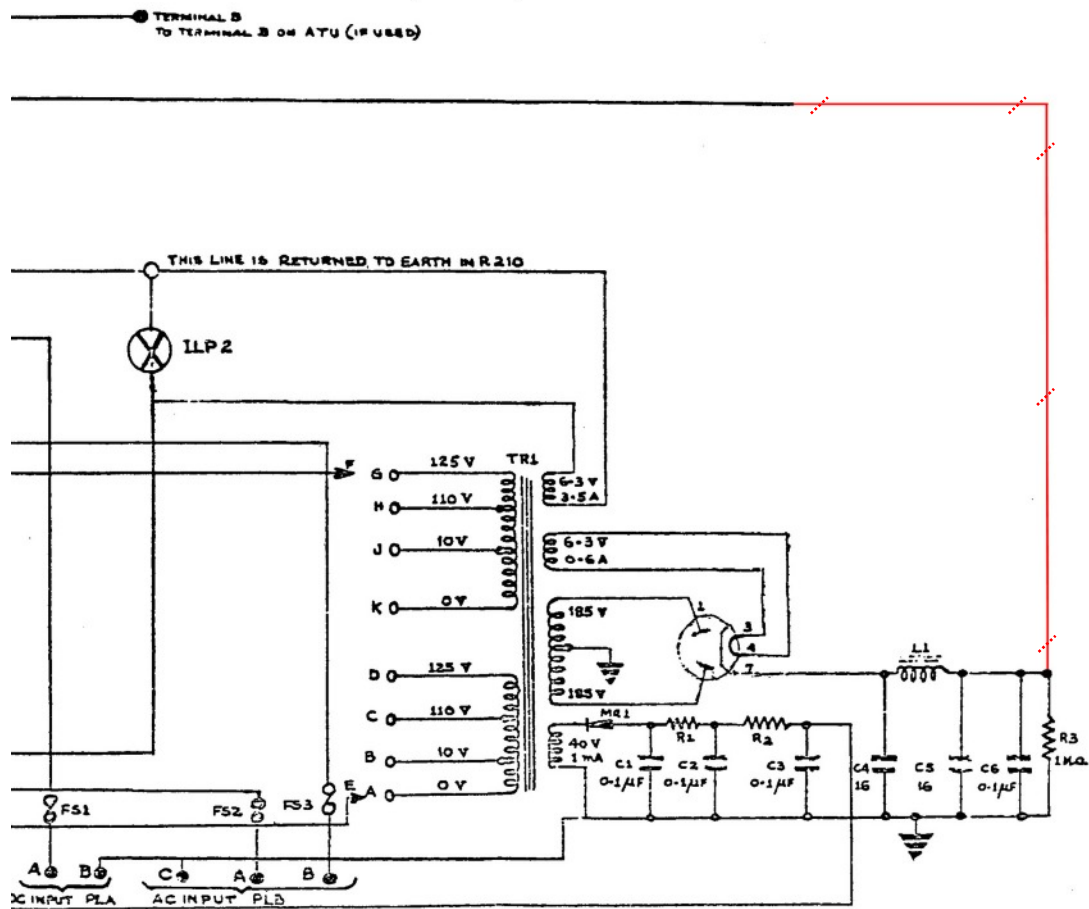
Regulator Voltage 24V Input No. 1, ZA 38591.



Regulator Voltage 24V Input No. 1 ZA 38591 was used to operate a 12V R209 Mk.2 in a vehicle with a 24V system.

Reception Set R210 *(Suggestion to include in this Amendment by Keith Watt.)*

Add missing connection shown by two red marked lines on the circuit below on page R210-8.



(Figure 210-13) Circuit diagram Supply Unit Rectifier No. 28