

Volume 3 AMENDMENT No. 1 v 1.01

Date of issue: July 2025.

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'. It is 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-611 and 612, 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.

Newly discovered information found when preparing WftW Volume 4 Supplement Chapter 358, 'Beetle' system, had impact on previous BV-611, BV-612 and BV-613 Chapters in Volume 3, and WftW Supplement Chapter 288 Vol. 1. 01. The changes and additions are marked in red (July 2025).

- **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 ...**(6AM5)**

Reception Set R217

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

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-611 and BV-612

- Page BV-611/612: General description: - **Delete**: *It is believed that their use was similar to Reception Sets Philco BP-412 and BP-413, the reception of Force broadcast transmissions during beach landing operations. This has not been confirmed though and no information could be traced in historical literature.* **ADD to first line**: for listening to 'Beetle' invasion alarm broadcasts.
ADD to Associated Publications: WftW Supplement Chapter 358 Beetle.

Reception Set BV-613

- Page BV-613-1: Data Summary, *Size*: **Change** ...height 7... to ...**10½** ...; width 10½ to ...**7**...; weight 16 to ...**17½**...
- Update and new information in WftW Supplement: **ADD to Associated Publications**: WftW Supplement Vol. 4 Chapter 288 v 1.01

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.I 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.



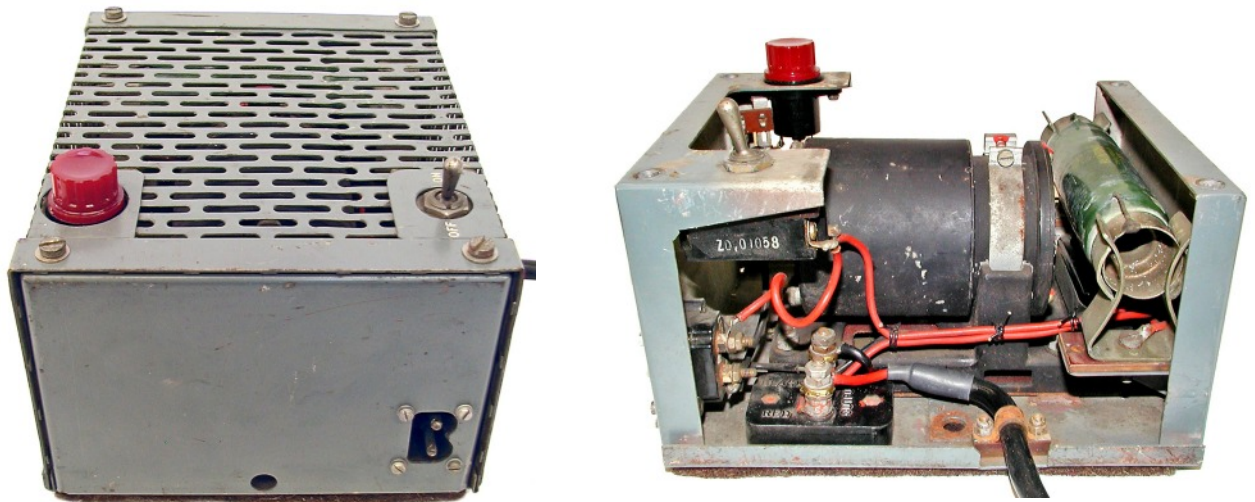
In order to allow the use of headphones with a jack type plug, a special adaptor was issued. (Believed on a limited scale only)

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>

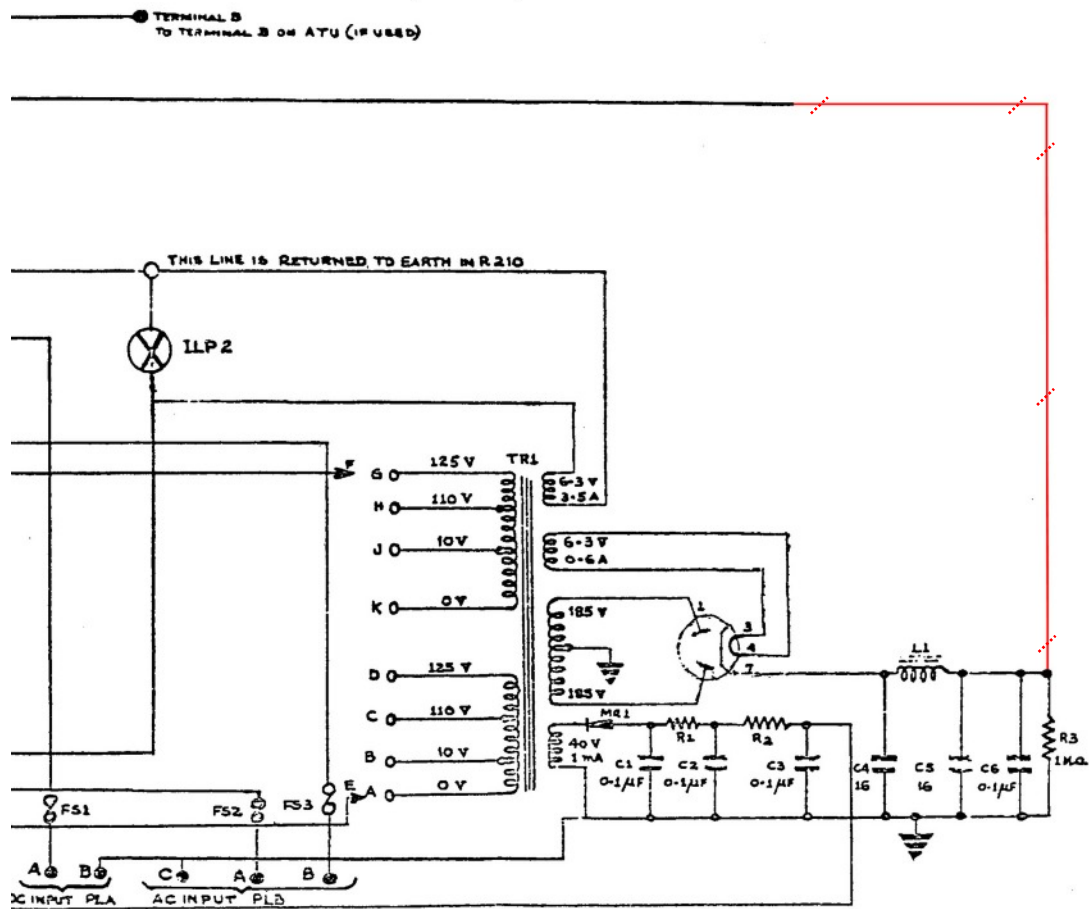
Regulator Voltage 24V Input No. 1, ZA 38591.



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