

Radio Communication Equipment
in the British Army

WIRELESS *for the* WARRIOR

by *Louis Meulstee*

Compendium 2

Spark to Larkspur (Special Sets, Receivers and Larkspur)



Cover and layout: Louis Meulstee

Cover illustrations: R109 and DF attachment WS No. 18

The front panel of the set is covered with a multitude of knobs and gadgets and is perforated with a number of holes. These have been specially provided to confuse the operator.

(Chapter II, How to work the set, Working Instructions New Zealand Wireless Set No. ZC1 Mk.I)

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Special Sets, Receivers and Larkspur

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² See WS No. 57 in *WftW Compendium 1*, page 273.
³ Later designated R216.

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¹ Covered in the Ground/Air sets chapter with reference to the page number.

² See Wireless Set No. 15 in WftW *Compendium 1*, page 199.

Introduction

The WftW *Compendium* series is a new addition to the 'Wireless for the Warrior' range of books covering the technical history of British Army communication equipment.

The Compendium series is principally intended as a practical guide and reference source to vintage military signal communication equipment. It is particularly valuable to anyone with an interest, professionally or otherwise, in this subject, requiring an elementary but complete quick reference and recognition handbook. Containing condensed data summaries, liberally illustrated with photos and drawings, explanatory captions and short descriptions of the main ancillaries, its pocket size format and laminated soft cover makes it an ideal reference and reliable companion for events such as auctions and radio rallies, or just for browsing at leisure.

Wireless for the Warrior (WftW) *Compendium 1* 'Spark to Larkspur' (Wireless Sets 1910-1948) and *Compendium 2* 'Spark to Larkspur' (Special Sets, Receivers and Larkspur), the first books in this series, provide basic technical data on radio sets, radio stations and associated or related equipment used by the British Army during the period 1910 to the late 1950s.

These two books are based on a massive amount of hitherto unpublished source material, including manuscripts from the projected but never produced WftW Volumes '*World War 1-the Spark and After*', '*Interwar Wireless*' and '*Larkspur*', and condensed but reworked material from the WftW Volumes 1-3. The next two books in the Compendium series are entitled 'Foreign Equipment Data Sheets, Volume 13, Signal Equipment', Parts 1 and 2. More titles may follow in due course.

Most of the equipment and systems covered in this present publication, Compendium 2, were standard production or procured from other Arms and commercial sources. It also includes some experimental sets, equipment with a limited employment, and a few sets which never came into production due to changed requirements or visions which represented interesting, advanced and promising developments.

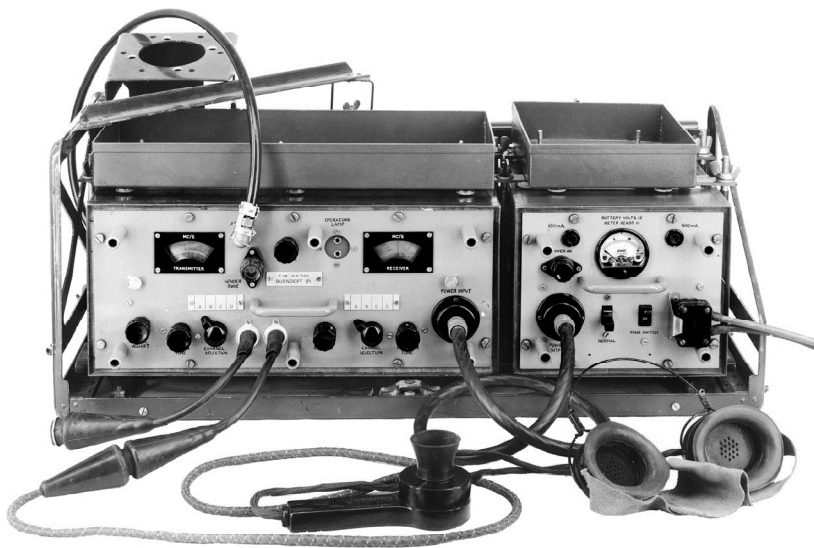
Compendium 2 is divided into five main sections and sub-divided into chapters by application, operational use, range or family of sets, and date of introduction. In some cases this arrangement is not followed: for example, Ground to Air sets from the Larkspur era are placed in the Ground to Air, rather than the Larkspur era chapter. Where applicable, a page cross reference is provided in these cases.

The pocket size format with soft cover, easy to follow and uncomplicated layout of text, illustrations and technical details used for Compendium 1 and 2 is similar. However, in Compendium 1 each set, system or item started on a right-hand page for reasons of convenience. This resulted in a number of undesirable blank pages and has been avoided in Compendium 2.

Sizes and measures noted in the Compendium 1 and Compendium 2 are as seen from the equipment front panel. Working ranges (as a rule very conservative, depending much on circumstances and not least the skill of the signaller using the set) and technical specifications are quoted from operator's handbooks, technical manuals and EMER's, where available.

The year of introduction is generally very approximate, as the time span between the General Staff requirement specification, development and construction of 'A' and 'B' models, troop trials, full scale production and actual issue to the troops was usually long. For equipment procured from commercial sources, different Arms or from North America (probably already in production when the Army decided to use it), the introduction year quoted is that when the equipment was used for the first time in British (and Commonwealth) land forces.

During the process of gathering information and compiling Compendium 2 it was noted that in many cases the name or nomenclature of a set or system had changed over the years, or it had become known under a very different name. Where applicable, earlier names were added, while keeping the last known commonly used official name in the main list. This includes the index entries, although this unfortunately led to confusion in some cases.



Wireless Set BE 201 and P.S.U. No. 42 mounted on Carrier Set No. 67 for installation in a vehicle.

Wireless Set Burndept BE 201

(Also known as Station Radio Burndept BE 201 or Wireless Station Burndept BE 201)

DATA SUMMARY

Purpose: VHF ground to air communication.

Year of introduction: 1950

System: AM R/T

Frequency Coverage: 100-156MHz. Four crystal controlled frequencies for both receiver and transmitter.

Receiver: Superheterodyne with an IF of 9.72MHz. *Circuit features:* RF stage, mixer, crystal oscillator/tripler, 2nd tripler, doubler, three IF stages, detector/AVC, AF output. *Sensitivity:* 5µV for 1mW AF output.

Transmitter: *Circuit features:* Crystal oscillator, two tripler stages, frequency doubler, RF power amplifier, microphone amplifier, push-pull modulator; anode/screen grid modulation.

Range: Dependent upon the altitude of the aircraft: 60 miles with aircraft at 5000ft.

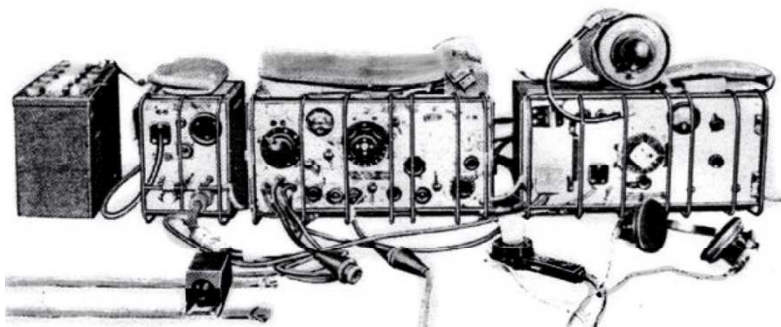
Type(s) of Aerial: Half wave dipole aerial assembly: Aerial Dipole No. 24 with 80 Ω Aerial Feeder 27ft No. 1. Normally two pairs of aerial rods were issued, marked red for the high band and green for the low band. As an alternative, mainly for operating on the move, use was made of No. 19 Set B set Aerial and Aerial Rod G and later a special designed centre feed dipole mounted on a base.

RF Power Output: 4-5W into an 80 Ω feeder.

Power Supply: 12V normally derived from a 12V 22Ah (man transportable station) or 75Ah (vehicle station) accumulator. HT for transmitter and receiver was obtained from two rotary transformers fitted in the power supply unit. Charging Set Lightweight 80 watt No. 1 was normally issued with the station. A switch on the Power Supply Unit No. 42 introduced resistances allowing float charging the accumulators whilst the set was operative.

Consumption: Receive 6A; transmit 12.5A.

Size (inches) and Weight (lbs):	height	length	width	weight
Transmitter/receiver BE 201	7½	17	13½	30
Power Supply Unit No. 42	7½	9	13	24



Amplifier RF No. 2 Mk.2 (Aust)/2

(Part of Wireless Set No. 122 Mk.2 (Aust) High Power)

DATA SUMMARY

Purpose: To amplify the (modulated) RF output of Wireless Set No. 122 Mk.2 (Aust).

Year of introduction: Early 1950s

System: AM R/T and CW (break-in operation on CW).

Frequency Coverage: 2-8MHz in two ranges: 2-4.5MHz and 4.5-8MHz.

Type(s) of Aerial: All aerials normally used with Wireless Set No. 122 Mk.2 (Aust). A vertical rod must be at least 12ft or twin 8ft rods.

RF Power Output: 50W CW

Power Supply: 12V accumulator

Consumption: 22A on CW operation, key down.

Size (inches) and Weight (lbs):

	height	length	width	weight
Amplifier RF No. 2 Mk.2 (Aust)	8½	17½	12½	40
Aerial Tuning Inductance No. 1	5in dia cylinder		10	5

Valves: 2x807, gas discharge valve OA4 or 1267.

Note: Amplifier RF No. 2 Mk.2 (Aust)/2 was a self-contained RF amplifier to increase the range of a Wireless Set No. 122 Mk.2 (Aust). The amplifier is very similar to the British Amplifier RF No. 2 Mk.2, but with the addition of a test meter, a different pattern heavy duty on-off switch and a delay circuit acting as a holding device for CW operation. The meter was required for use with Wireless Set No. 122 (Aust) giving an indication of the RF drive/RF output, which in the original Amplifier RF No. 2 was indicated on the No. 19 Set meter. It is believed that the Australian RF amplifiers were modified British RF Amplifiers No. 2 Mk.II, refurbished electrically and mechanically.

Although principally intended for the Wireless Set No. 122 (Aust) Mk.2, the circuit diagram reveals that the Amplifier RF No. 2 (Aust) was suitable for use with any version of Wireless Set No. 19 without having to make any changes.

Supply Unit (Aust) No. 1A Mk.2 with special adaptor cable for connecting Amplifier RF No. 2 Mk.2 (Aust)/2 (right).





North Africa, 1944. Two pairs of RC67 receivers connected in dual diversity.

Reception Set RC67

(Also known as Marconi type RC67)

DATA SUMMARY

Purpose: Dual or triple diversity receiver for Army Wireless Chain or reception for re-broadcast.

Year of introduction: 1943

System: AM R/T, MCW, CW

Frequency Coverage: 3-24MHz in three ranges: 3-6MHz, 6-13MHz, 13-24MHz.

Circuit features: Superheterodyne with an IF of 600kHz. Two RF stages, mixer/local oscillator, four IF stages, detector/AVC/1st AF stage, AF AGC amplifier, AF output, BFO, two DC amplifiers. *Sensitivity:* 1.7μV for 20dB signal/noise at 6MHz. *Selectivity:* ±15kHz at 60dB down.

AF Output: 25mW into 600Ω.

Type(s) of Aerial: 75Ω concentric or 300 Ω balanced feeder matching into rhombic aerials.

Power Supply: 200-250V, AC mains 50Hz.

Consumption: 170VA

Weight: 2¾ cwt

Size (inches): height 72, length 21, width 15

Valves: 23 valves for each receiver (including 10 valves in the VF bridge).

Note: Reception Set RC67 was a commercial high grade receiver developed by the Marconi Co Ltd for dual or triple diversity reception for use with high speed Morse recording equipment, and for reception and retransmission of broadcast programmes. Adopted by the Army the receivers were principally used in the Army Wireless Chain.

Two or three interconnected receivers with separate aerials are required for diversity operation. A voice frequency (VF) recording bridge for high speed Morse operation is included in the receivers, allowing the direct connection of an Undulator. The RC67 was superseded by Reception Set R201.



DF Station Mobile B/C No. 2A in Truck 1-ton GS Wireless Light (Austin K9)

DF Station Mobile B/C No. 2A (truck version)

DATA SUMMARY

Purpose: Mobile rotating loop direction finding station.

Year of introduction: 1953 and 1957/58.

DF receiver: Reception Set R106 DF No. 3. Intercom receiver: R106 (1953 version); Eddystone type 730/4 (1957 version).

DF Frequency Coverage: 480kHz-4MHz; 1.7-10MHz. Each DF range was covered in three bands.

Type(s) of Aerial: Interchangeable screened rotary loop. Aerial Loop DF B No. 5 (high frequency range) and Aerial Loop DF C No. 5 (low frequency range). Integrated vertical Aerial Rod F rod for sense determination and intercommunication receiver. See also the Aerial Loop DF A, B and C on pages 255-257.

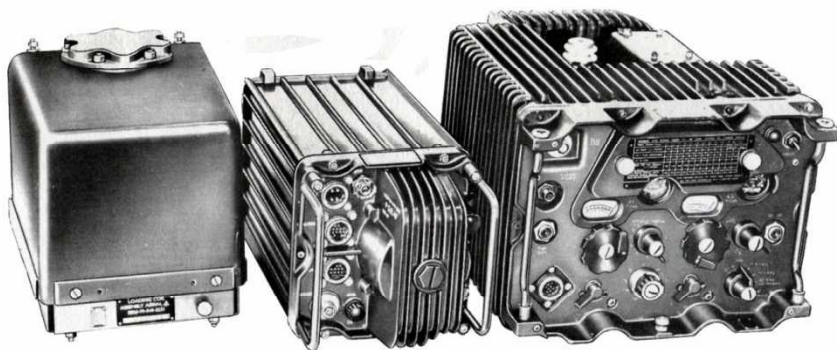
Power Supply: 110-250V AC mains using Supply Unit Rectifier No. 5; 6V DC using Supply Unit Vibratory No. 2

Consumption: AC 40-80W; DC 8A (DF receiver only)

Note: Direction Finding Station Mobile B/C No. 2A was a self-contained post-war DF station, based on the trailer housed DF Stations Mobile B/C No. 2A and No. 3, fitted in a Truck 1-ton GS Wireless Light (1953 version) and Truck 1-ton BC2A (1957/58 version).



Rear and side view of 1953 version of the DF Station Mobile B/C No. 2A.



Aerial Loading Assembly, Power Supply Rotary No. 47 and Amplifier RF No. 7.

Station Radio C13HP

DATA SUMMARY

Purpose: Increasing the range of Station Radio C13.

Year of introduction: 1967

System: Phase Modulation (PM) R/T or CW.

Circuit features: Single stage Class C RF amplifier with 2 valves connected in parallel.

Frequency Coverage: Amplifier RF No. 5: 6-12MHz; Amplifier RF No. 7: 1.5-12MHz in three bands similar to that of the Station Radio C13.

Range: Using a 12ft rod aerial, day and night ranges 30 miles with R/T (PM only)

Type(s) of Aerial: Rod aerial minimum length 12ft, 27ft telescopic aerial, end-fed wire or dipole aerial.

RF Power Output: Approximately 200W into 70 Ω .

Power Supply: 24V DC. *Consumption:* Standby 3.5A, transmit 25A.

Size (inches) and Weight (lbs):

	height	length	width	weight
Amplifier RF No. 5	8	12	16	24
Power supply unit for above	7¾	10	14½	44
Amplifier RF No. 7	11	14¾	17	75
Supply Unit Rotary No. 47	8½	8	16	40

Valves: 2x CV1905 valves in the Amplifier RF No. 5 or 2x CV 6122 valves in the Amplifier RF No. 7

Note: Station Radio C13 High Power was intended to be used installed in a vehicle or dismounted as a ground station if greater ranges than those obtained with the Station Radio C13 alone were required. In addition it replaced Station Radio C11/R210 in certain roles. The high power station was a conversion of a standard SR C13 driving an Amplifier RF No. 7 but with the restriction that it may be operated on CW or phase modulation R/T only. The Amplifier RF No. 7 is comprised of the RF amplifier with built-in aerial matching unit, Power Supply Rotary No. 47 and Aerial Loading Assembly. The external loading coil assembly was required for operation below approximately 2.2MHz. At higher frequencies the coil is bridged. User trials with the 'A' model amplifier (known as Amplifier RF No. 5) were completed in 1957. 'B' model (Amplifier RF No. 7) user trials were carried out during September 1960. Issues started about

1967, much delayed by production difficulties.



Amplifier RF No. 5 (left) and associated power supply unit (right) as used during 1957 'A' model user trials.



Wireless for the Warrior Volume 1

First published December 1995 by GC Arnold Partners, Broadstone, Dorset, U.K., ISBN 1898805 08 3

Volume 1 (*'Wireless Sets No. 1 to 88'*) of Wireless for the Warrior is published in A4 format softback, and contains 360 pages, about 150 photographs, 320 line drawings/circuit diagrams and 130 tables. An explanation of the various Type Nomenclature systems used for Army radio equipment from WW1 to the 1960's is followed by descriptions of the sets themselves. The aim in each case has been to describe the history, technical details, aerials and accessories used with each set, together with spares schedules. Where a set was used in more than one application - for example as a mobile or a ground station - details of the variations are provided. Several versions and adaptations of the sets produced in Australia and Canada are also described.

The descriptions of the sets are followed by a series of appendixes: Glossary of Terms;

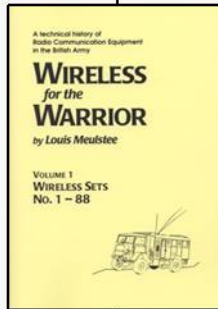
Condensed data of Equipment; Accessories List; Army Valves Designation and Equivalents; Table of Frequency Coverage of Army Wireless Sets.

All Wireless Sets in the numerical range (No. 1 to No. 88) are described. Detailed information is given on: Wireless Sets Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, Cdn 9, 11, 12, 13, 14, 15 (E10), 16, 17, X20A, 21, 23, 24, 26, 27, Cdn 27, 28, X32D, 33, 36, 37, Cdn 43, 47, 49 (B40/C40), X56A, 57, Cdn 58, 63, 76, 78 and 86 (C41/R222).

Other sets mentioned: Wireless Sets Nos. 11 (Aust), 101 (Aust), 108 (Aust), 109 (Aust), 112 (Aust), 133 (Aust) and Admiralty Type 5G.

Since the standard World War 2 sets are described in Volume 2, only a summary is given here; this includes:

Wireless sets Nos. 10, 18, 19, 22, C29, 31, 38, 42, 46, 48, C52, 53, 62, 68 and 88.



Wireless for the Warrior Volume 2

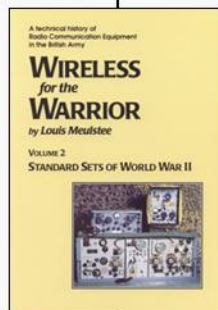
First published March 1998 by GC Arnold Partners, Broadstone, Dorset, U.K., ISBN 1898805 10 5

Volume 2 (*'Standard Sets for World War 2'*) of Wireless for the Warrior is published in A4 hardback, containing 722 pages, and featuring 200 photographs, approximately 750 line drawings/circuit diagrams and 180 data tables. Comprehensive information on vehicle installations is included where appropriate, giving the book considerable appeal to military vehicle enthusiasts, as well as awakening memories of those who maintained or used these sets 'in anger'.

It provides detailed information on the following standard World War 2 sets and other sets of which sufficient information was unavailable when Volume 1 was published:- Wireless Sets Nos. 10, 18, 19, 22, 31, 31AFV, 38, 38AFV, 42, 46, 48, 53, 62, 68, 88 and 88AFV - Wireless Sets Canadian Nos. 19, 29 and 52;

Australian Nos. 19, 22, 108, 122, 133 and 153
Other sets mentioned include: Burndept BE201, CN348, RCA ET-4332b, DF station PE No.1.
Larkspur range: Station Radio B47, C42, C45 and C11/R210. Air Ministry: TR1143, TR1987. US Signal Corps: SCR-300, BC-610, AN/TRC-5 and AN/TRC-6.

In the Appendixes the following items are covered: Glossary of Terms; Condensed Data of Equipment; Accessories; Army Valves Designations and Equivalents; Table of Frequency Coverage of Army Wireless Sets; References and Bibliography; Commercial Equipment; Miscellaneous Military Equipment; Generating Sets and Secondary Batteries; Collecting and Safety; Vehicle Installations; Mains Power Supply Unit.

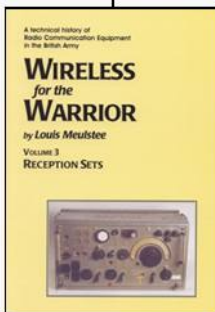


Wireless for the Warrior Volume 3

First published July 2001 by Wimborne Publishing Limited, Dorset, U.K., ISBN 0952063 35 2

The third Volume in the Wireless for the Warrior series, entitled '**Reception Sets**', is devoted to receivers (also known as Reception Sets) used in the British Army over the period 1932 to the 1960s. The contents of this Volume is principally concentrated on the R100 to R508 series, but many other receivers with different nomenclatures are covered.

Volume 3 consists of eight main chapters, each dealing with a distinct group of receivers (in total more than 70 receivers), introductory and general information pages and a number of appendixes. It contains 546 pages and features 230 photographs, 470 line drawings and 220 data tables in A4 hardback format.



- 1 Army Reception Sets.
- 2 Reception Sets Adopted from other Arms.
- 3 Special Receivers.
- 4 Direction Finding Receivers.
- 5 Army Broadcast Reception Sets.
- 6 Commonwealth Army Reception Sets.
- 7 Commercial Receivers Adopted by the Army.
- 8 Army Welfare Reception Sets.

In the Appendixes are covered:

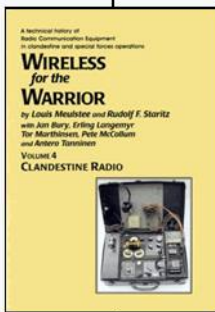
- Condensed Data of Equipment.
- Army Valve Designations and Equivalents .
- Headphones in use in the British Army.

A large number of related equipment and wireless sets are mentioned in Volume 3 including specialists' vehicles and installation layout.

Wireless for the Warrior Volume 4

First published September 2004 by Wimborne Publishing Limited, Dorset, U.K., ISBN 0952063 36 0

The fourth Volume ('**Clandestine Radio**') in the Wireless for the Warrior series is different in approach to the previous books. Although it still contains a mix of technical data, photographs, line drawings and circuit diagrams, no extensive descriptions are provided, principally to limit the number of pages but also for reasons of non-availability of detailed information for the majority of the sets. This Volume is a combined effort of Louis Meulstee, Rudolf Staritz and a number of other authors, notably Jan Bury, Erling Langemyr, Tor Marthinsen, Pete McCollum and Antero Tanninen, experts in their own fields and living in various parts of the world. The time period imposed on the selection of sets to be included in this volume stretches from about 1938 up to the early 1990s, approximately to the fall of the Berlin Wall.



It must be noted that apart from Clandestine, Agents or 'Spy' radio equipment, sets which were used by Special Forces, Partisans, Resistance, 'Stay Behind' organisations, Australian Coast Watchers and Diplomatic Service are covered. Also included are selected associated power sources, intercept receivers, RDF equipment, High speed keys, S-Phone, bugs and radio- and radar beacons such as Eureka/Rebecca. In the Appendix there is a list of abbreviations.

Volume 4 is covered in a number of main chapters, describing equipment used or manufactured in a certain country. Information is included on more than 230 sets. It contains 692 pages in A4 hardback format, and features over 850 photographs, 360 line drawings and 440 data tables.

The Wireless for the Warrior Compendium series is principally intended as a practical guide and reference source to vintage military signal communication equipment. It is particularly valuable to anyone with an interest, professionally or otherwise, in this subject, requiring an elementary but complete quick reference and recognition handbook. Containing condensed data summaries, liberally illustrated with photos and drawings, explanatory captions and short descriptions of the main ancillaries, its pocket size format and laminated soft cover makes it an ideal reference and reliable companion for events such as auctions and radio rallies, or just for browsing at leisure.

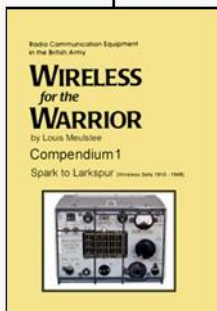
WftW Compendium 1

Spark to Larkspur (Wireless Sets 1910-1948)

First published September 2009 by Emaus Uitgeverij, Groenlo, The Netherlands. ISBN 978 90 808277 2 1

Wireless for the Warrior *Compendium 1* Spark to Larkspur (Wireless Sets 1910-1948) is published in a practical A5 softback format. It contains 354 pages and over 560 photographs, line drawings and tables, a comprehensive index, and a fold-out 'Chart of interrelationship of sets'.

Compendium 1 is organised into three main sections being 'World War 1', further divided into chapters covering spark sets, CW sets, receivers, amplifiers and miscellaneous.



The second section, 'Interwar years' covers standard sets, experimental communication sets, experimental tank and AFV sets, early sets in the numerical series and miscellaneous items.

Finally, the section 'World War 2' covers sets in the numerical series up to Wireless Set No. 88 AFV, wave-meters, aerial coupling equipment, wireless remote control units and Morse training sets.

WftW Compendium 2

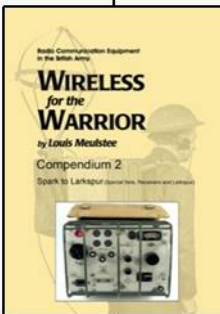
Spark to Larkspur (Special Sets, Receivers and Larkspur)

First published August 2012 by Louis Meulstee, ISBN 978 90 819271 0 9

Wireless for the Warrior *Compendium 2* 'Spark to Larkspur' (Special sets, Receivers and Larkspur) is published in a practical A5 softback format. It contains 215 different sets and systems in 458 pages, and over 1050 photographs, line drawings and tables. Included are a comprehensive index and a list of suggested further reading.

Compendium 2 is divided into five main sections and sub-divided into chapters by application, operational use, range or family of sets, and date of introduction.

The first section covers 'Special Sets' with chapters: commercial, RAF and other sets adapted for Army use; ground to air sets; special sets; miscellaneous and local pattern sets; experimental sets.



The 'Commonwealth Sets' section deals with equipment manufactured and/or used in Australia, New Zealand and South Africa.

'Receivers' are covered in a separate section comprising chapters on: numerical series; commercial, RAF and special receivers adopted for Army use; Receivers manufactured in Australia, Canada and New Zealand; Army broadcast and welfare-amenities receivers.

'Direction Finding receivers and Systems' include chapters on rotating loop DF systems; commercial U-type Adcock DF systems; Army U-type Adcock DF systems; miscellaneous DF sets and systems.

The final section covers the 'Larkspur' era of sets, including Anti-Aircraft Command sets.

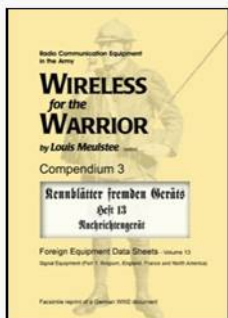
WfW Compendium 3 and 4

Foreign Equipment Data Sheets Part 1 and 2

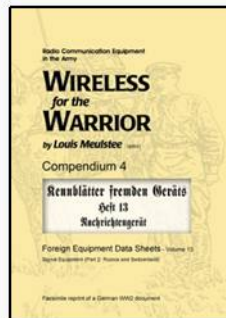
First published August 2012 by Louis Meulstee

WfW Compendium 3: ISBN 978 90 819271 1 6

WfW Compendium 4: ISBN 978 90 819271 2 3



Wireless for the Warrior *Compendium 3* and 4 contains a facsimile reprint of the German World War 2 publication entitled 'Signal Equipment' ('Nachrichtengerät'), also known as D50/13. The publication is Volume 13 in the 'Foreign Equipment Data Sheets' ('Kennblätter fremden Geräts'), a series of German Army publications providing data on enemy equipment, principally from Belgium, England, France, North America, Russia and Switzerland. It was first issued to the German forces in July 1940, completely revised in 1941, with supplements issued in 1941, 1942 and 1943.



For practical reasons the reprint was split into two parts: *Compendium 3* covering the Belgian, English, French and North American sections containing 225 different signal instruments in 474 pages, and *Compendium 4* with the Russian and Swiss sections, containing 171 different signal instruments in 364 pages. For English-speaking readers an English introduction, table of contents, glossary and translation of original German sample pages are provided. The facsimile reprint represents the D50/13 publication as it was used issued and updated, including all supplements, of

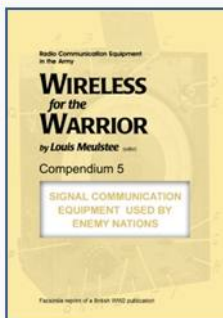
which the last was issued in November 1943. 'Foreign Equipment Data Sheets' is a series of 15 different German Army publications providing principal data on enemy equipment ranging from small arms, heavy weapons, ammunition and vehicles, to communication equipment. They were compiled by the German high command, based on captured equipment and handbooks, but also from various (commercial) documents and journals, and issued to the German Forces as a guide to the reuse of the equipment. Original and complete copies are rare.

WfW Compendium 5

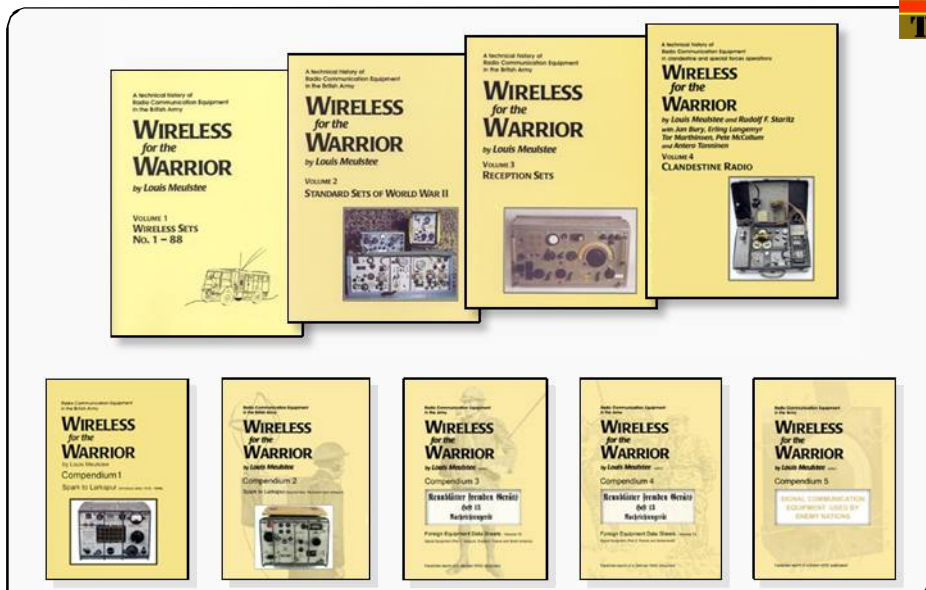
Signal Communication Equipment used by Enemy Nations

First published November 2012 by Louis Meulstee, ISBN 978 90 819271 3 0

Wireless for the Warrior *Compendium 5* is a facsimile reprint of 'Signal Communication Equipment used by Enemy Nations', a British publication providing technical and operational data on captured enemy signal communication equipment originating from Germany, Italy and Japan. It was produced by the Signals Research and Development Establishment (SRDE) in co-operation with M.I. 8 and first issued as a secret document in January 1944. The publication was a result of careful study and examination, based on captured equipment and handbooks, intended as a guide to the reuse of the equipment. At first glance the publication may be considered as the British



counterpart of the German 'Kennblätter fremden Geräts, Heft 13, Nachrichtengerät' (reprinted in WfW *Compendium 3* and 4). However, the individual entries in 'Signal Communication Equipment used by Enemy Nations' are far more detailed and accurate. In addition it provides many practical details such as hints on the operation and maintenance of the sets, glossaries, nomenclatures with an explanation of the type numbering systems, and connections of plugs, sockets and valve bases. Original and complete copies are very rare. This reprint reproduces the publication as it was originally issued, including all supplements with the amendment changes already carried out.



Wireless for the Warrior

Volumes 1 - 4 and Compendium 1

Wireless for the Warrior *Volumes 1 - 4* and *Compendium 1* are available by mail order from Direct Book Service.

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Wireless for the Warrior

Compendiums 2 - 5

Wireless for the Warrior *Compendiums 2, 3, 4* and *5* are only available direct from the 'Print On Demand' printers via the internet on-line bookshop at www.lulu.com/spotlight/wftw.

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Each order is printed and shipped locally, which minimizes time in transit and transit costs.

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