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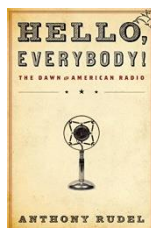
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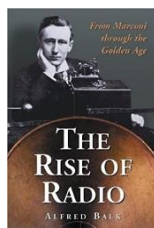
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**These books might be of interest of you:**



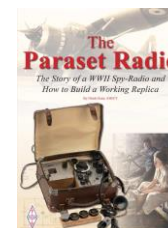
**Hello, Everybody! The Dawn of American Radio**

Long before the Internet, another young technology was transforming the way we connect with the world. At the dawn of the twentieth century, radio grew from an obscure hobby into a mass medium with the power to reach millions of people.



**The Rise of Radio, from Marconi through the Golden Age**

As the dominant form of electronic mass communication in the United States from the 1930s into the 1950s, radio helped to forge a modern continental nation. It fused myriad subcultures heavily rural, ethnic, and immigrant into a national identity, unifying the nation in the face of the Depression and war.



**The Paraset Radio: The Story of a WWII Spy-Radio and How to Build a Working Replica**

This book describes the gripping story behind the Paraset – a unique spy-radio, dropped behind enemy lines in the dark days of WWII. This radio being both light weight and state of the art for the time was concealed in a suitcase, making ideal for use by the spies of SOE.

Click [here](#) for further information.

ALIGNMENT PROCEDURE

1  
MW / LW

GENERAL ALIGNMENT CONDITIONS

- 1. Signal input must be kept as low as possible to avoid overload and clipping. (Use highest possible sensitivity of output indicator.)
- 2. Signal input should be kept as low as possible to avoid A.G.C. action. (Set output indicator to highest sensitivity.)
- 3. Marker insertion and amplitude should not distort the oscilloscope trace.
- 4. Standard modulation is 1 KHZ 30%.

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INSTRUMENTS REQUIRED

- Signal source
- \* AM signal generator \*
- \* Radio sweep generator \*
- \* Sweep oscilloscope \*
- \* Output indicators \*
- \* AC millivolt meter \*
- \* Oscilloscope \*

| STEP | CONNECT SIGNAL SOURCE TO -                                                        | CONNECT OUTPUT INDICATOR -                                                         | SET SIGNAL OR INSERT MARKER | SET RADIO DIAL TO -              | ADJUST            | ADJUST FOR - |
|------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------|----------------------------------|-------------------|--------------|
| 1    | Set function selector switch on the front panel to MW position                    |                                                                                    |                             |                                  |                   |              |
| 2    | Sweep generator connected to a loop or short piece of wire placed near MW antenna | Sweep oscilloscope connected to wire pin of the C603 or C604 and volume to maximum | See amplitude of 460 KHZ    | Quite point on band near 515 KHZ | T 2               |              |
| 3    | Signal generator connected to a loop                                              | AC millivolt meter and oscilloscope connected across speaker                       | 515 KHZ                     | Scale - 0                        | MW OSC L - 3      | Maximum      |
| 4    |                                                                                   |                                                                                    | 1620 KHZ                    | Scale - 100                      | Trimmer TC - 2    |              |
| 5    |                                                                                   |                                                                                    | 600 KHZ                     | 600 KHZ                          | MW ANT COIL L 1   |              |
| 6    |                                                                                   |                                                                                    | 1400 KHZ                    | 1400 KHZ                         | RF Trimmer TC - 1 |              |
| 7    | Repeat step 3 through 6 as necessary to obtain maximum sensitivity on station.    |                                                                                    |                             |                                  |                   |              |
| 8    | Set function selector switch on the front panel to LW position.                   |                                                                                    |                             |                                  |                   |              |
| 9    | Signal generator connected to a loop antenna                                      | AC millivolt meter and oscilloscope connected across speaker                       | 145 MHz                     | Scale - 0                        | LW OSC L 2        | Maximum      |
| 10   |                                                                                   |                                                                                    | 350 MHz                     | Scale - 15                       | C 6               |              |
| 11   |                                                                                   |                                                                                    | 170 MHz                     | 170 MHz                          | LW ANT COIL L 1   |              |
| 12   |                                                                                   |                                                                                    | 330 MHz                     | 330 MHz                          | C 3               |              |
| 13   | Repeat steps 8 through 11 as necessary to obtain maximum sensitivity on station.  |                                                                                    |                             |                                  |                   |              |