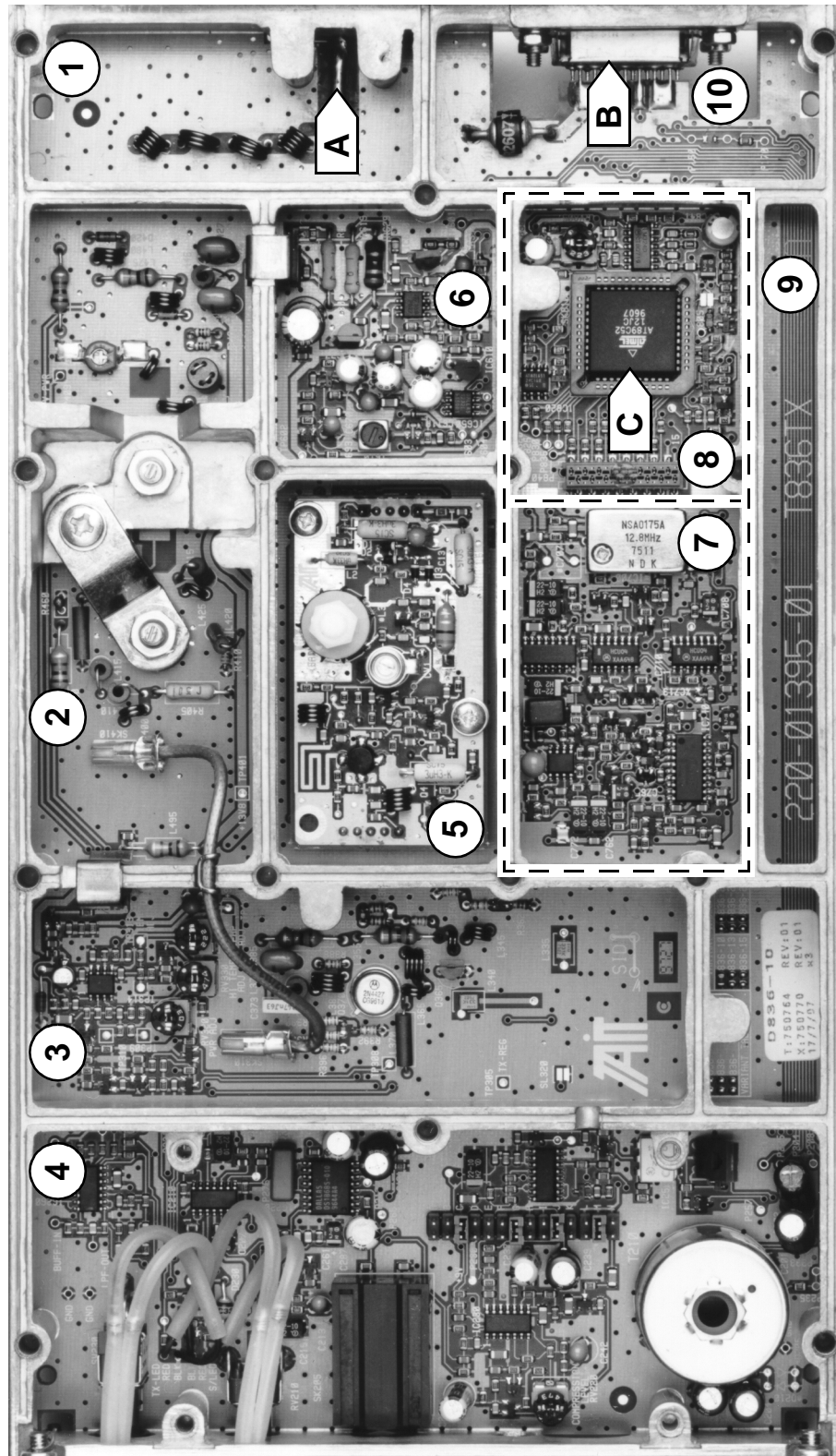


The photograph in [Figure 1.1](#) on the next page will help you to identify the main circuit blocks in the T836.

There is a similar photograph in [Figure 4.4](#) which shows the main tuning and adjustment controls.

Extending both these fold-outs will allow you to refer to both photographs while using the manual.

The photograph in [Figure 1.2](#) on the next page shows the T836 front panel controls.



- Key:**
- 1 low pass filter
 - 2 PA
 - 3 exciter drive amplifier
 - 4 audio processor
 - 5 VCO
 - 6 regulators
 - 7 synthesiser
 - 8 microcontroller and CTCSS
 - 9 duct for cabling to extra D-range (if fitted)
 - 10 D-range
- A RF output
 B D-range connector ("D-range 1" incl. audio in & DC in (refer to Section 2.2 in Part F))
 C microcontroller

Figure 1.1 T836 Main Circuit Block Identification

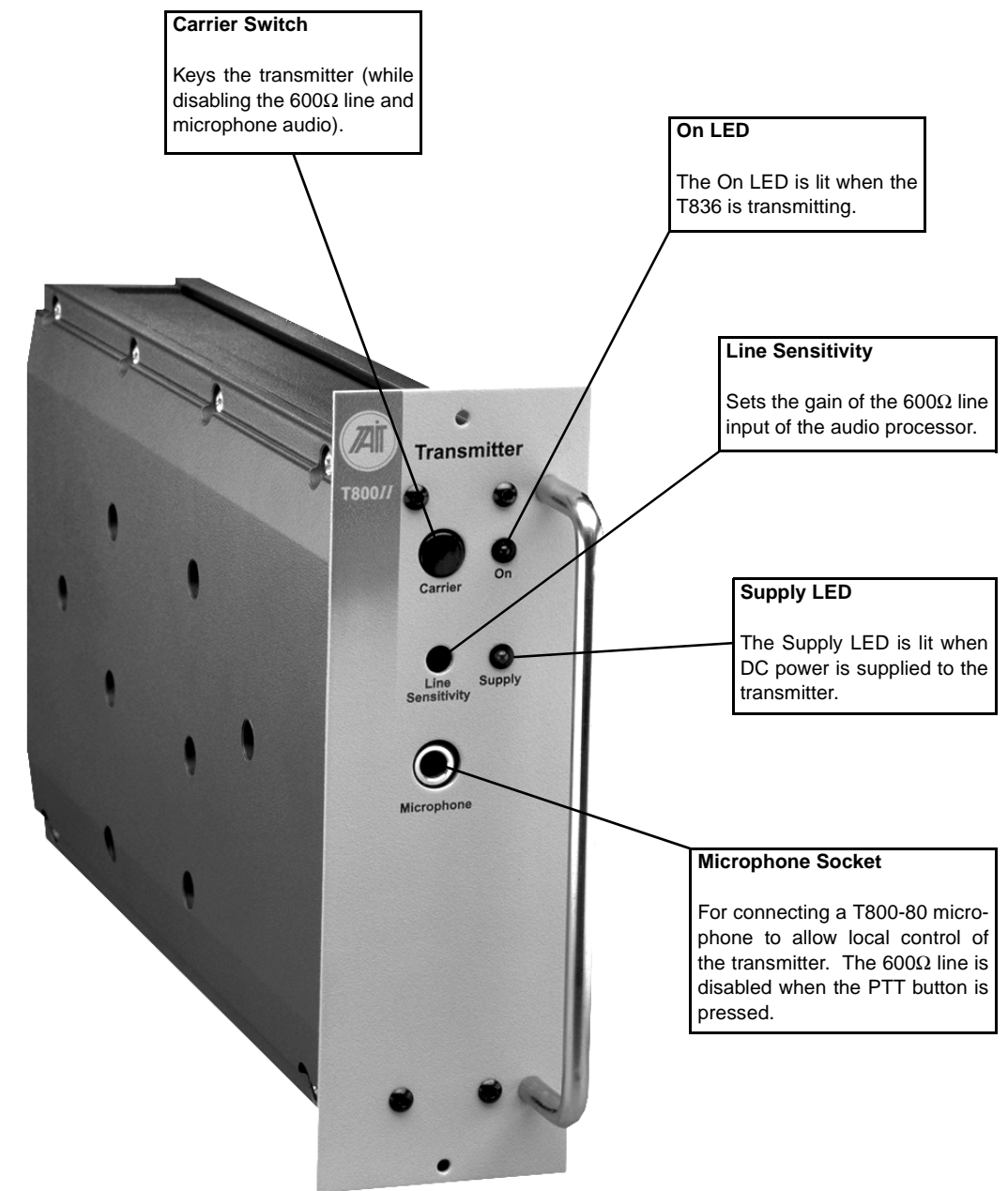


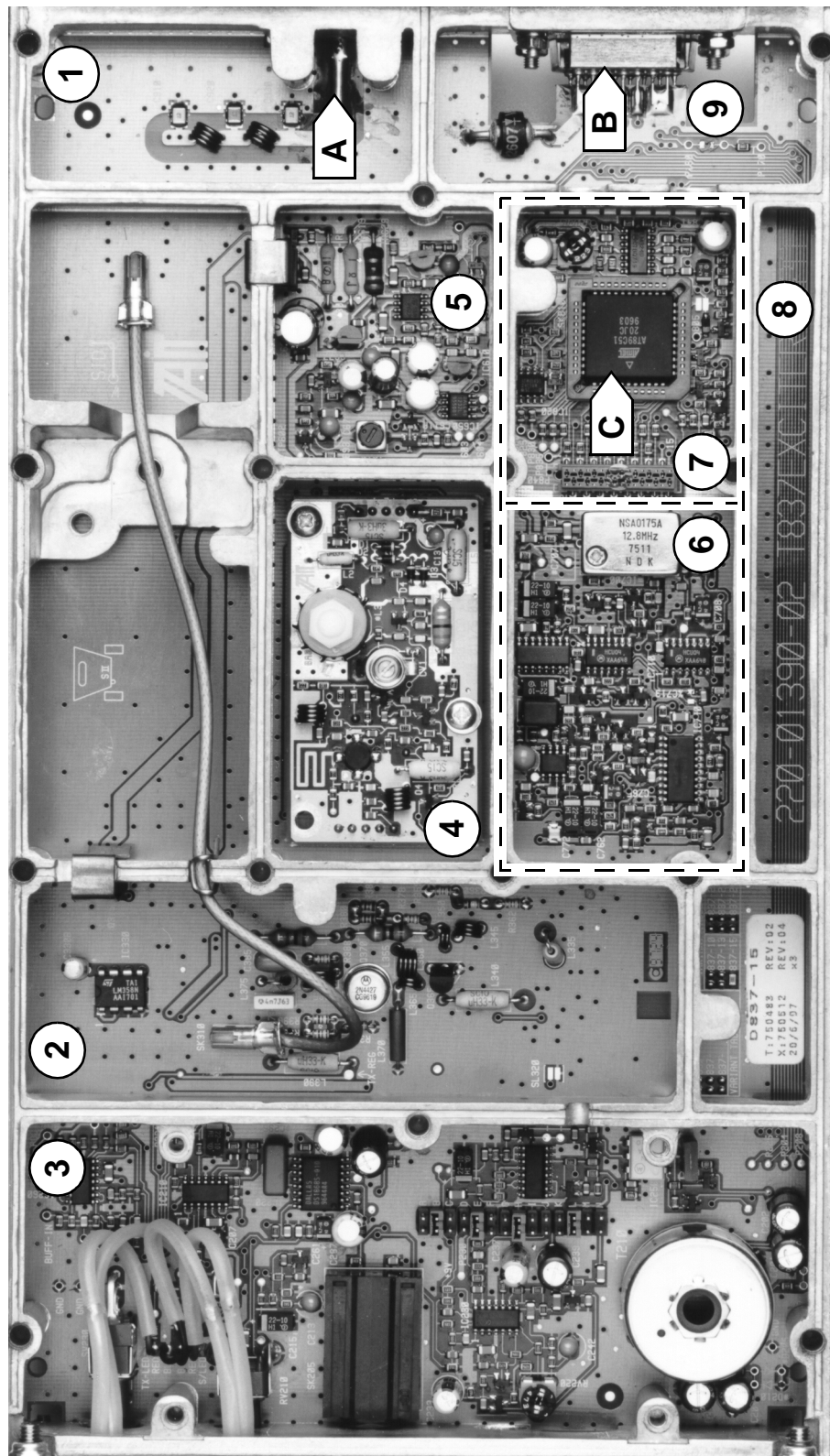
Figure 1.2 T836 Front Panel Controls

The photograph in [Figure 1.3](#) on the next page will help you to identify the main circuit blocks in the T837.

There is a similar photograph in [Figure 4.5](#) which shows the main tuning and adjustment controls.

Extending both these fold-outs will allow you to refer to both photographs while using the manual.

The photograph in [Figure 1.4](#) on the next page shows the T837 front panel controls.



- Key:**
- 1 low pass filter
 - 2 exciter drive amplifier
 - 3 audio processor
 - 4 VCO
 - 5 regulators
 - 6 synthesiser
 - 7 microcontroller and CTCSS
 - 8 duct for cabling to extra D-range (if fitted)
 - 9 D-range
 - A RF output
 - B D-range connector ("D-range 1" incl. audio in & DC in (refer to Section 2.2 in Part F)
 - C microcontroller

Figure 1.3 T837 Main Circuit Block Identification

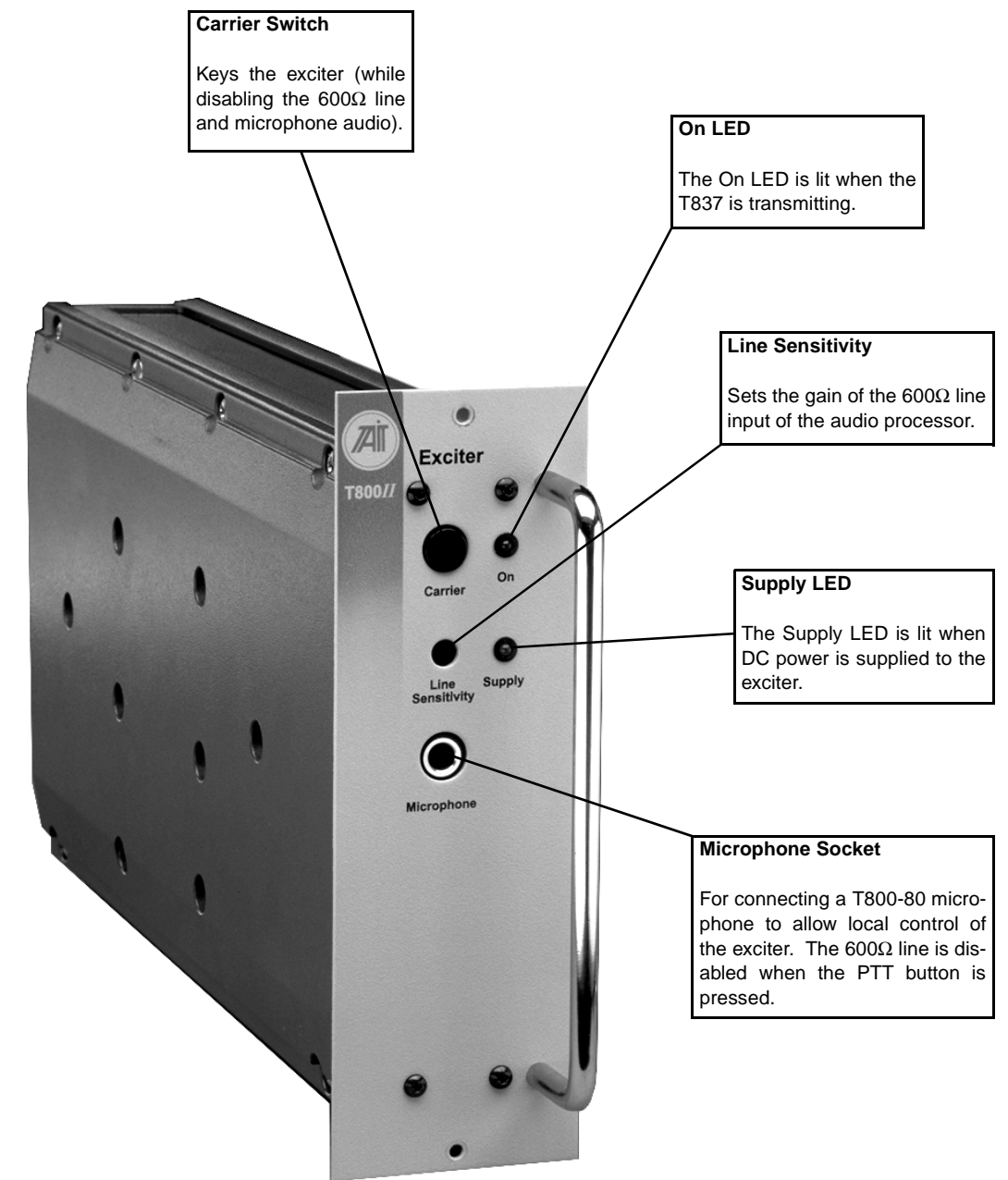


Figure 1.4 T837 Front Panel Controls

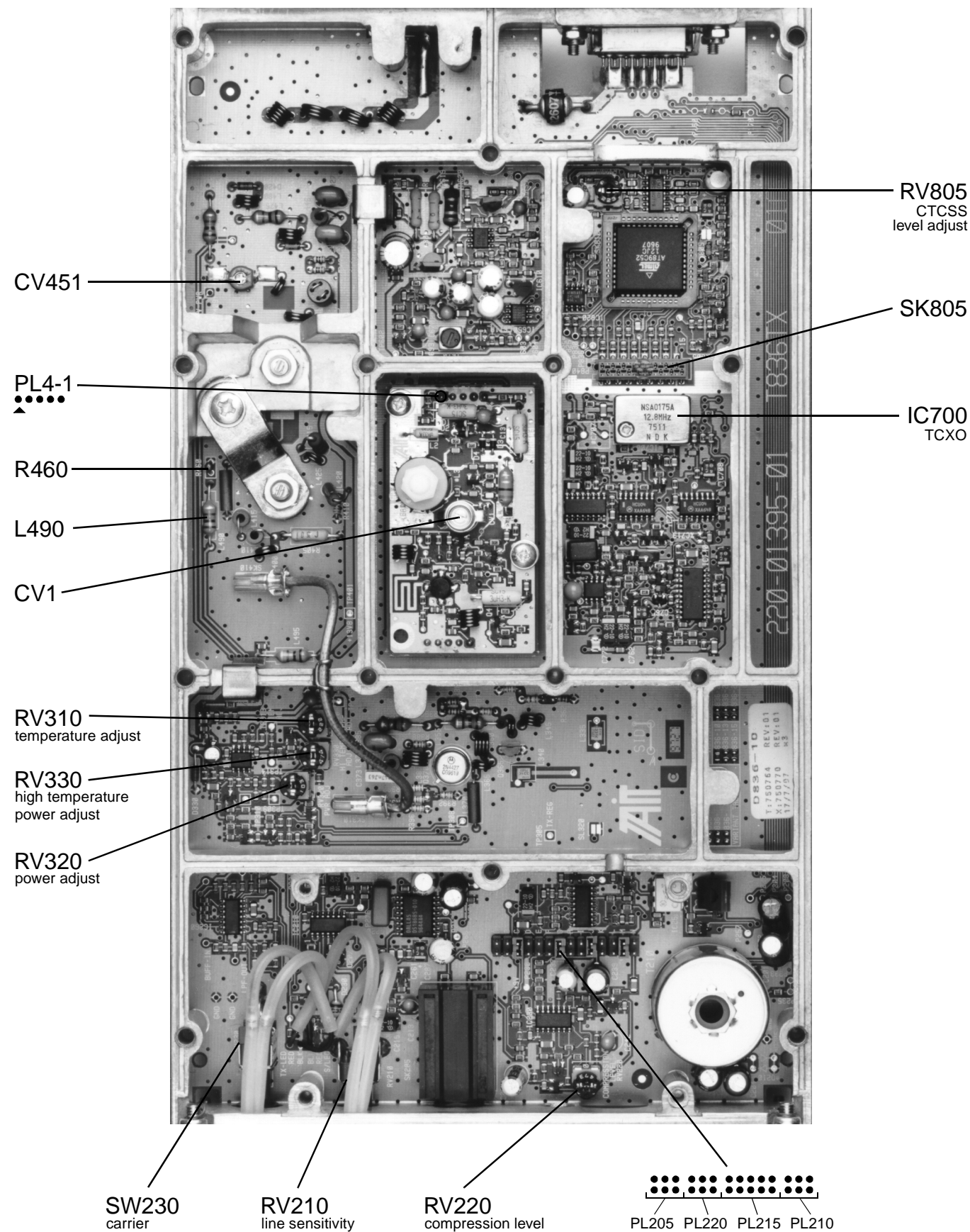


Figure 4.4 T836 Main Tuning & Adjustment Controls

The photograph printed at right will help you to identify the main controls used in tuning and adjusting the T836.

There is a similar photograph in [Figure 1.1](#) which shows the main circuit blocks.

Extending both these fold-outs will allow you to refer to both photographs while using the manual.