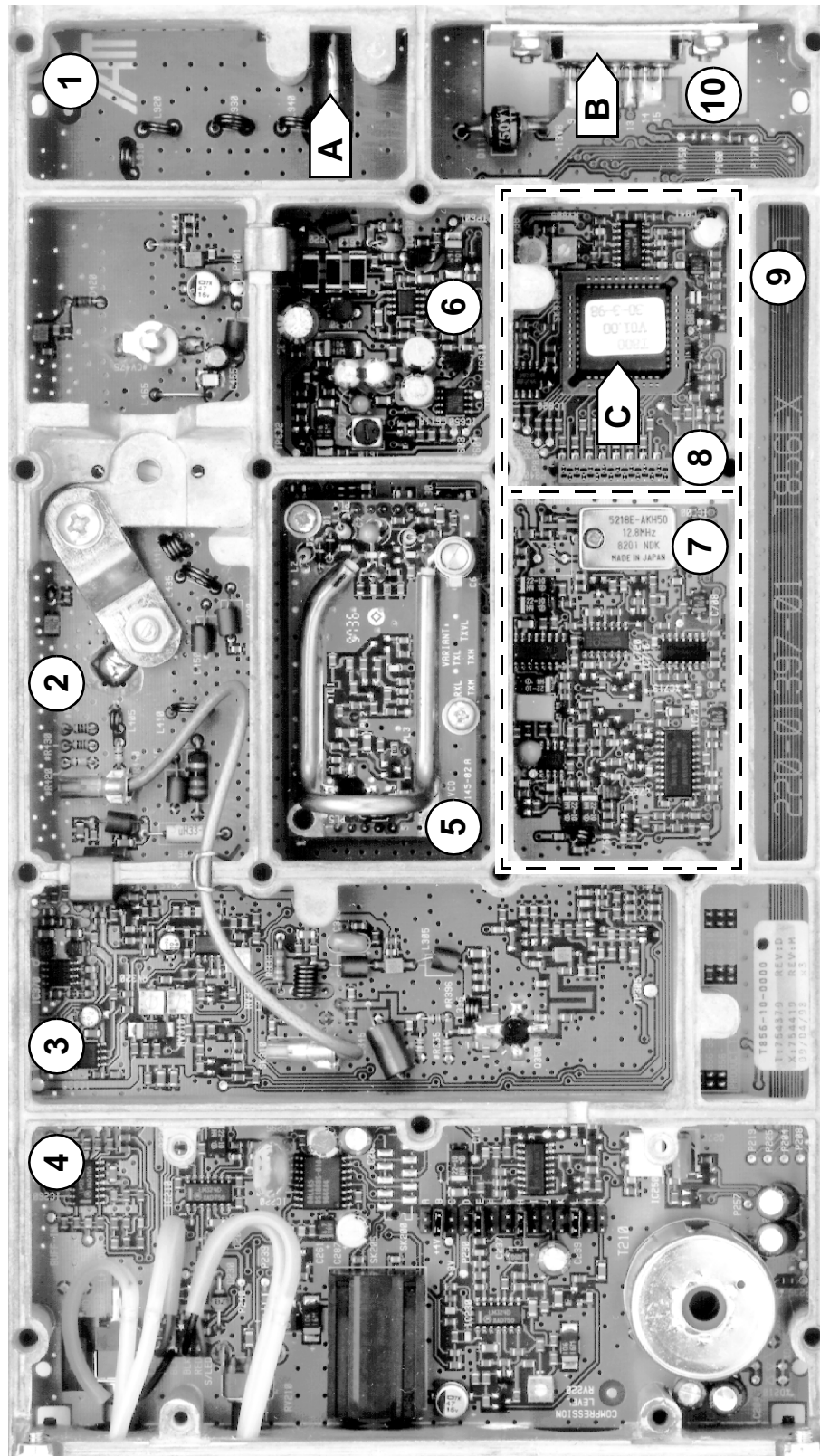


The photograph in [Figure 1.1](#) on the next page will help you to identify the main circuit blocks in the T856.

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 T856 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 T856 Main Circuit Block Identification

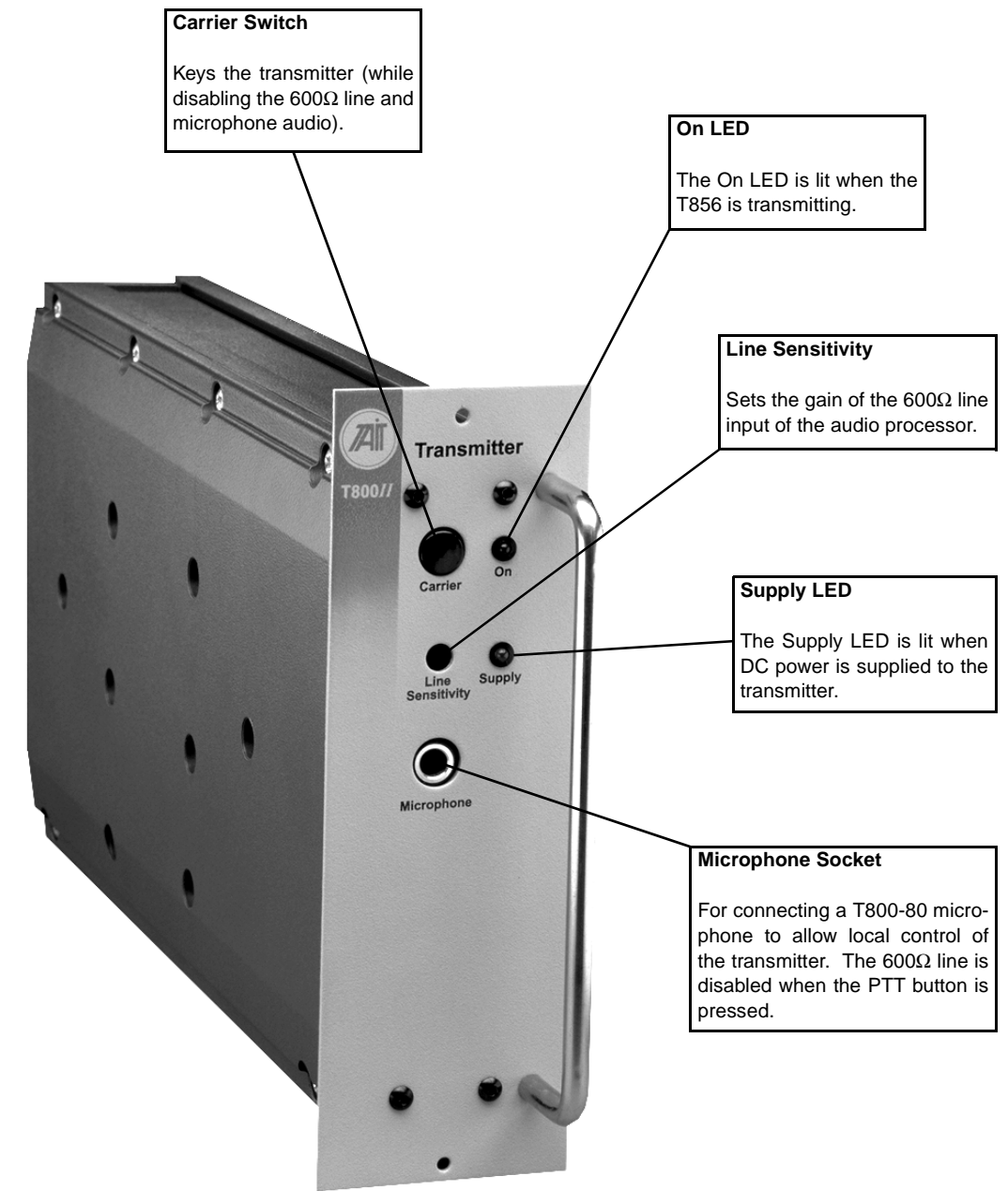


Figure 1.2 T856 Front Panel Controls

The photograph in [Figure 1.3](#) on the next page will help you to identify the main circuit blocks in the T857.

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 T857 front panel controls.

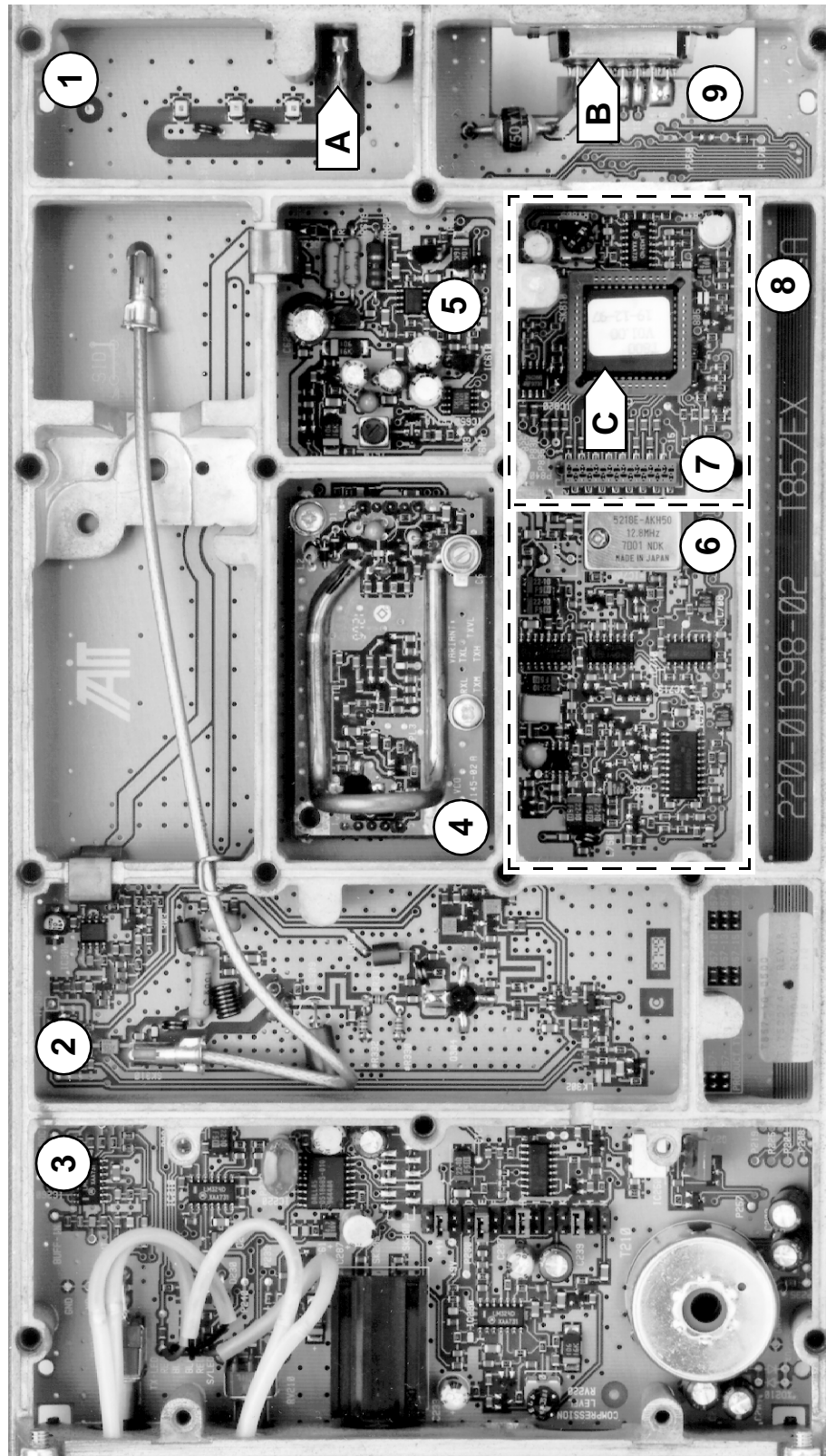


Figure 1.3 T857 Main Circuit Block Identification

- 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

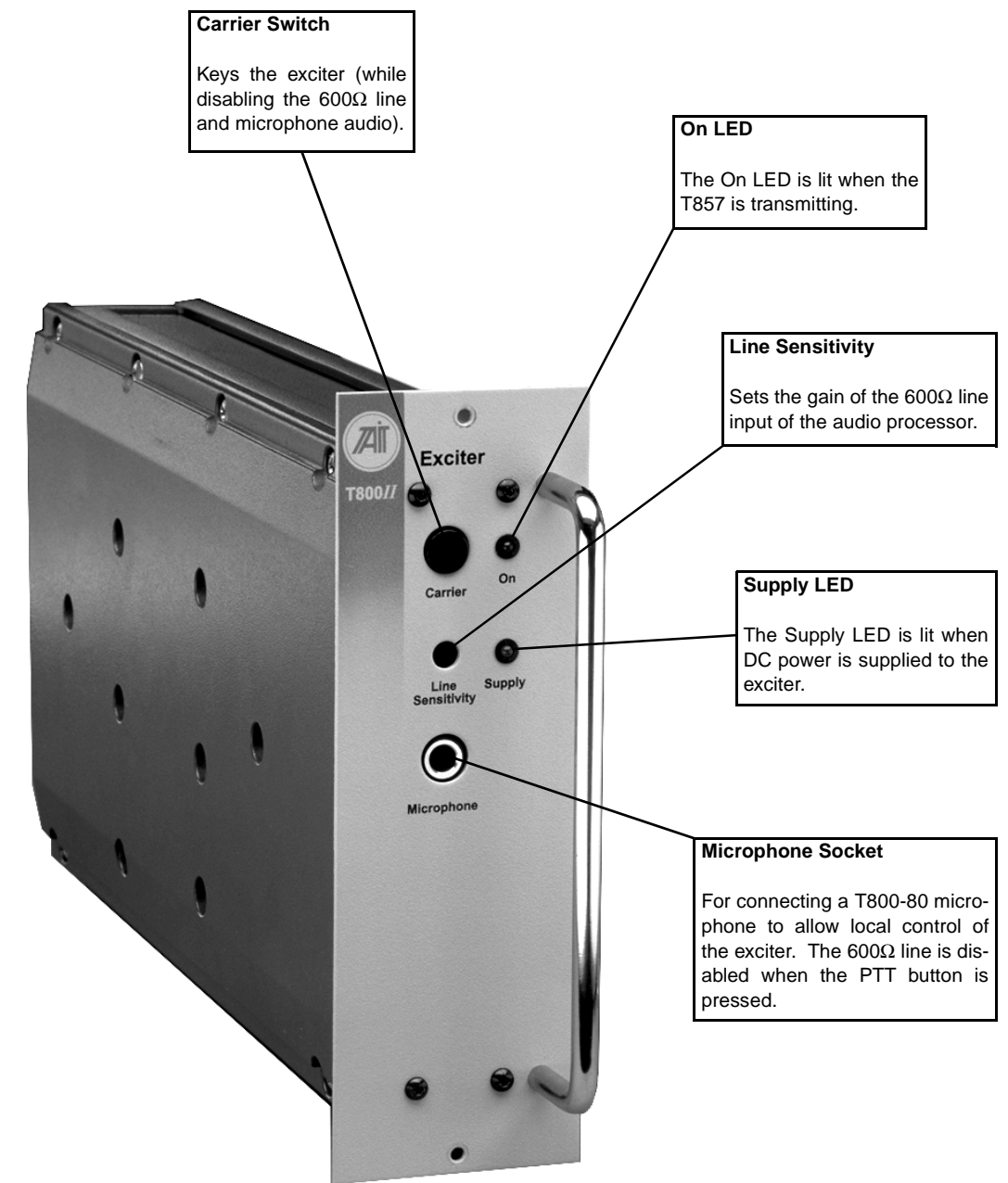


Figure 1.4 T857 Front Panel Controls

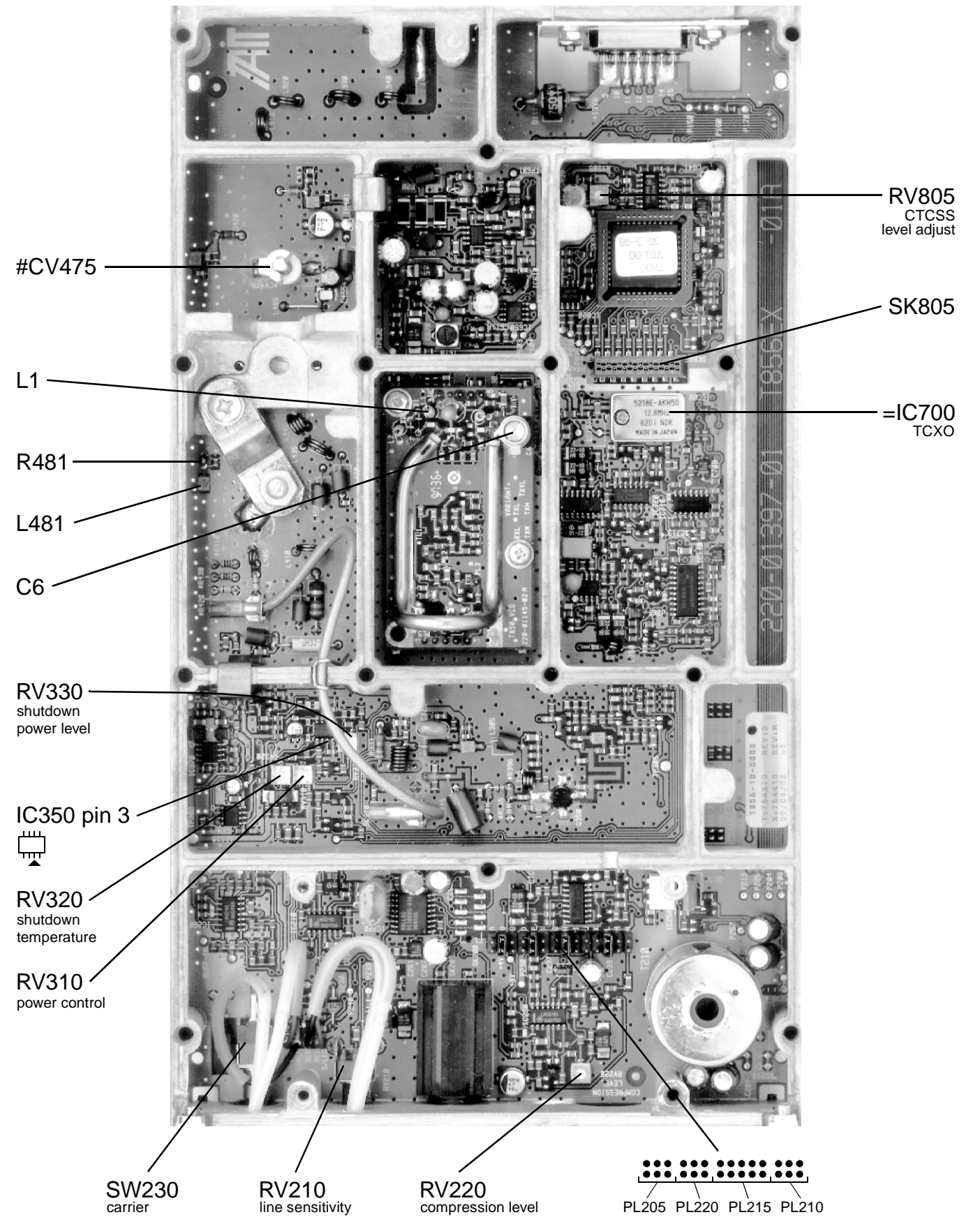
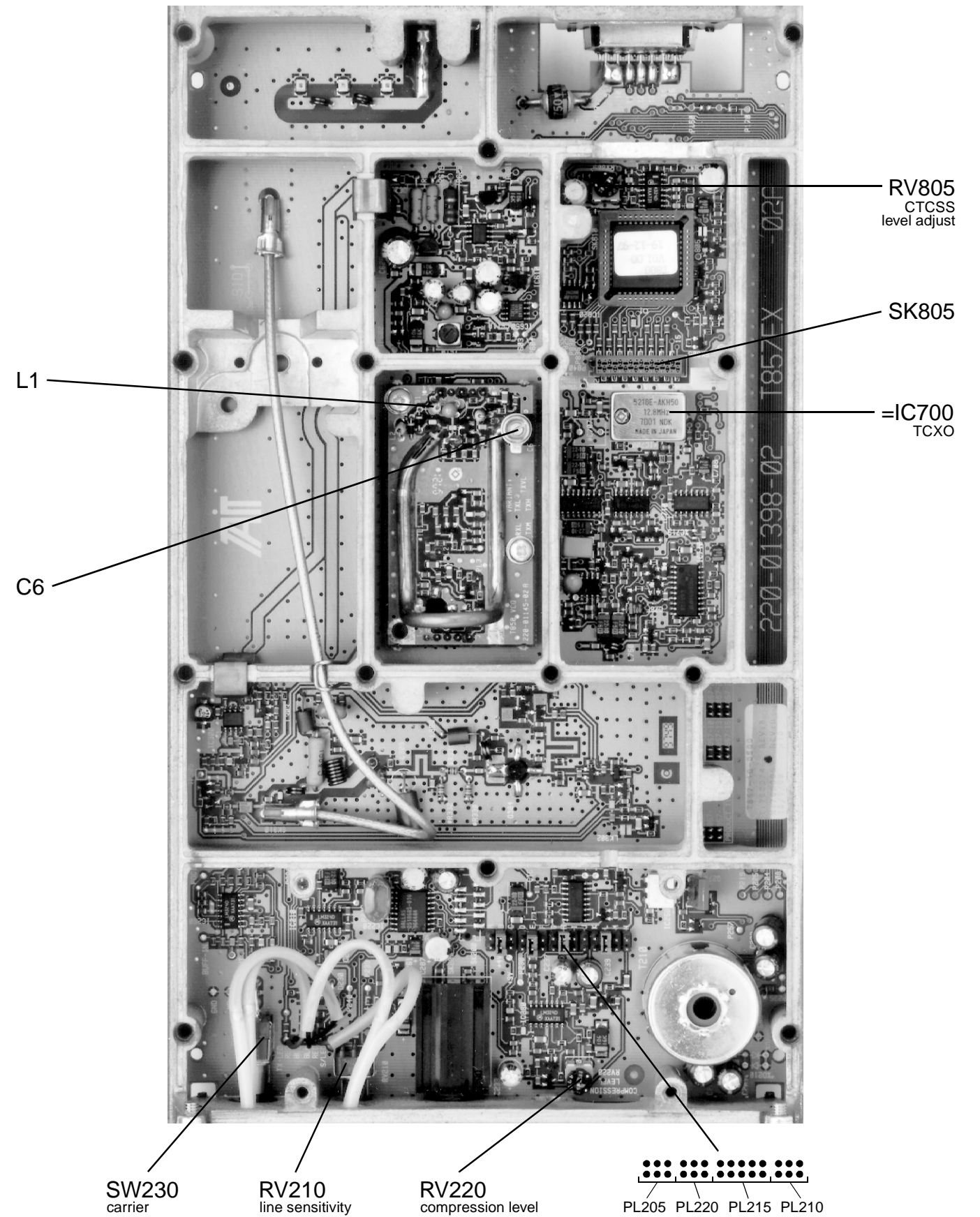


Figure 4.4 T856 Main Tuning & Adjustment Controls

The photograph printed at right will help you to identify the main controls used in tuning and adjusting the T856.

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.



The photograph printed at right will help you to identify the main controls used in tuning and adjusting the T857.

There is a similar photograph in [Figure 1.3](#) which shows the main circuit blocks.

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

Figure 4.5 T857 Main Tuning & Adjustment Controls