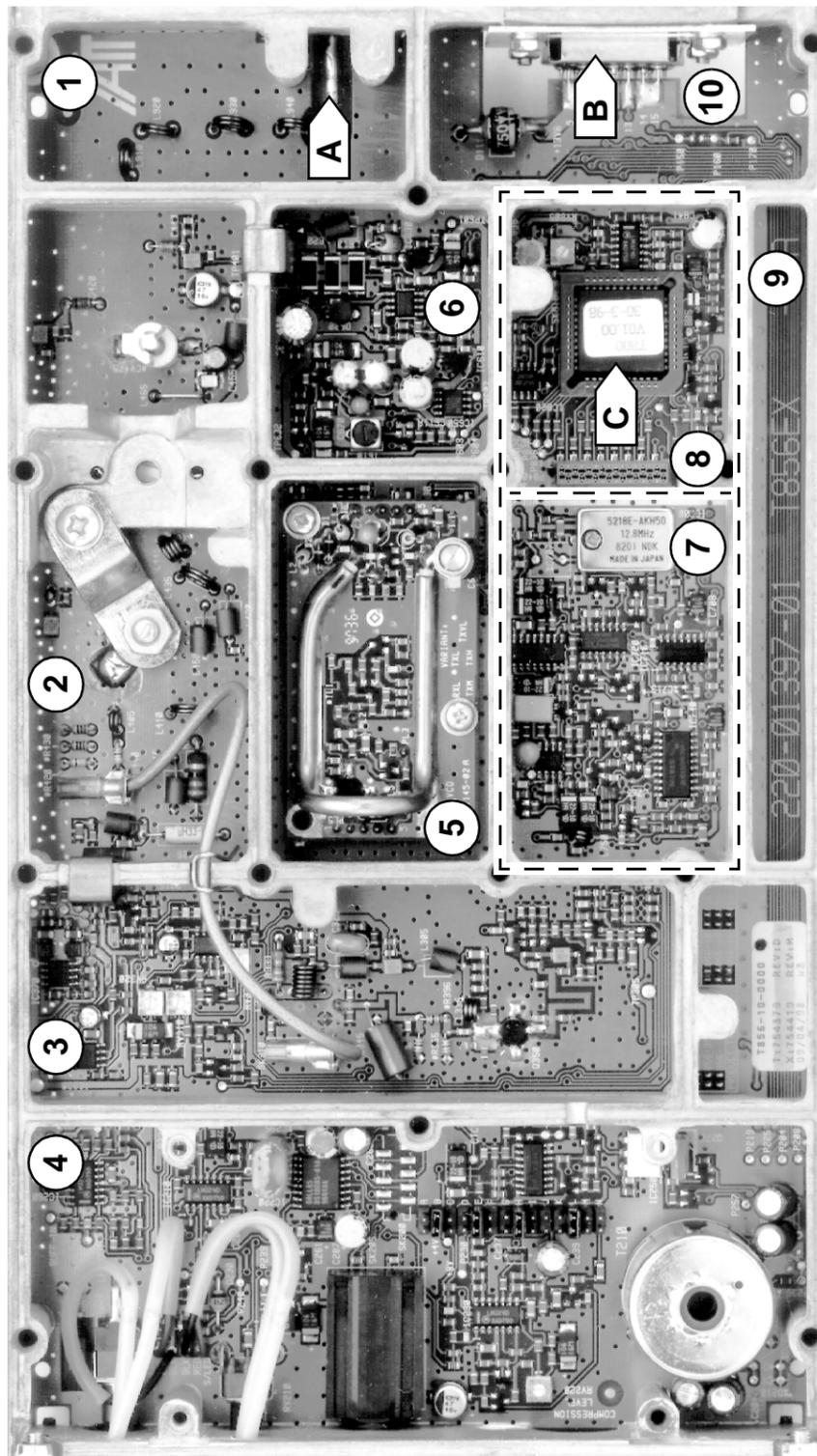


The photograph in [Figure 1.1](#) on the next page will help you to identify the main circuit blocks in the T856.

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

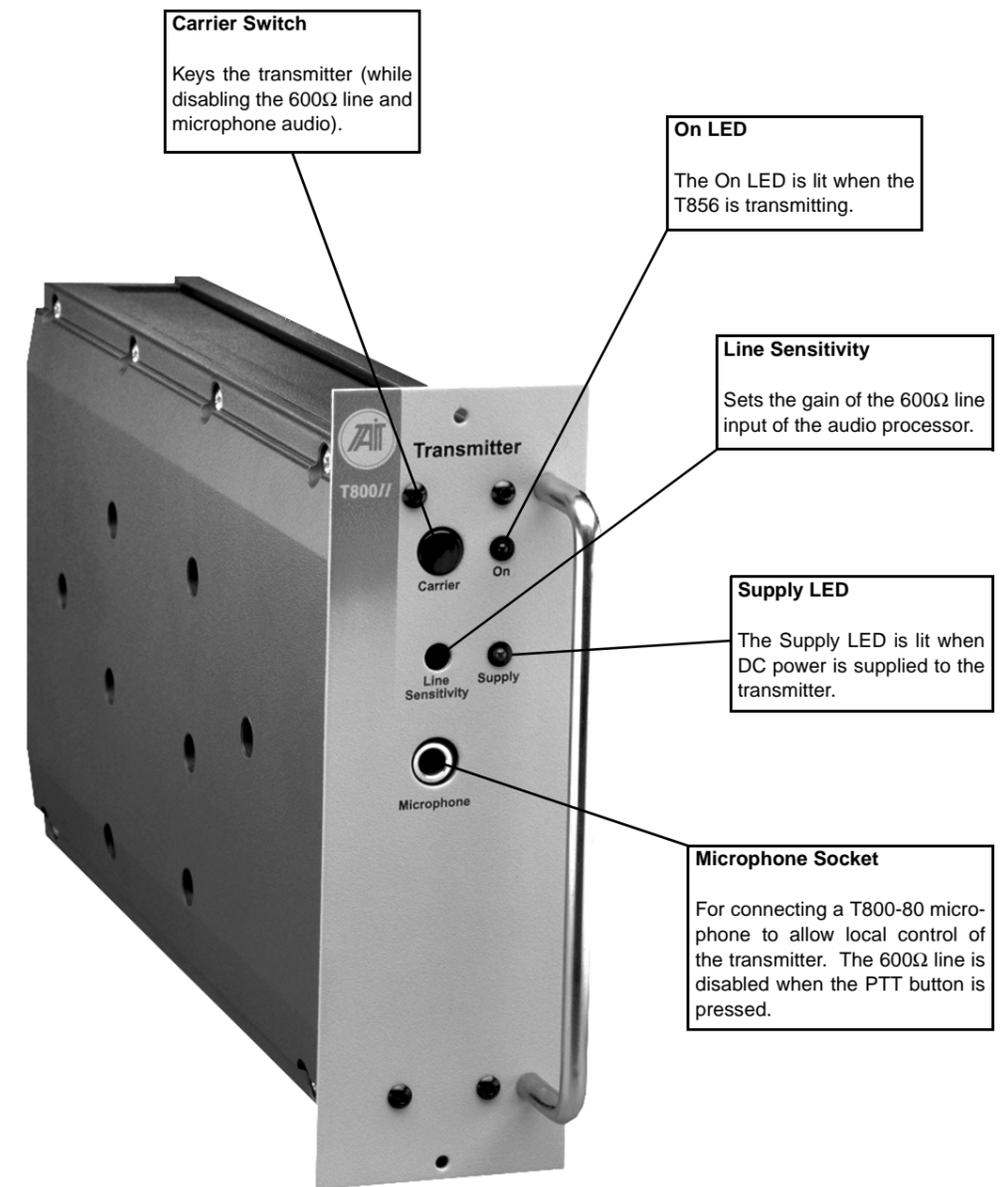


Figure 1.2 T856 Front Panel Controls

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.

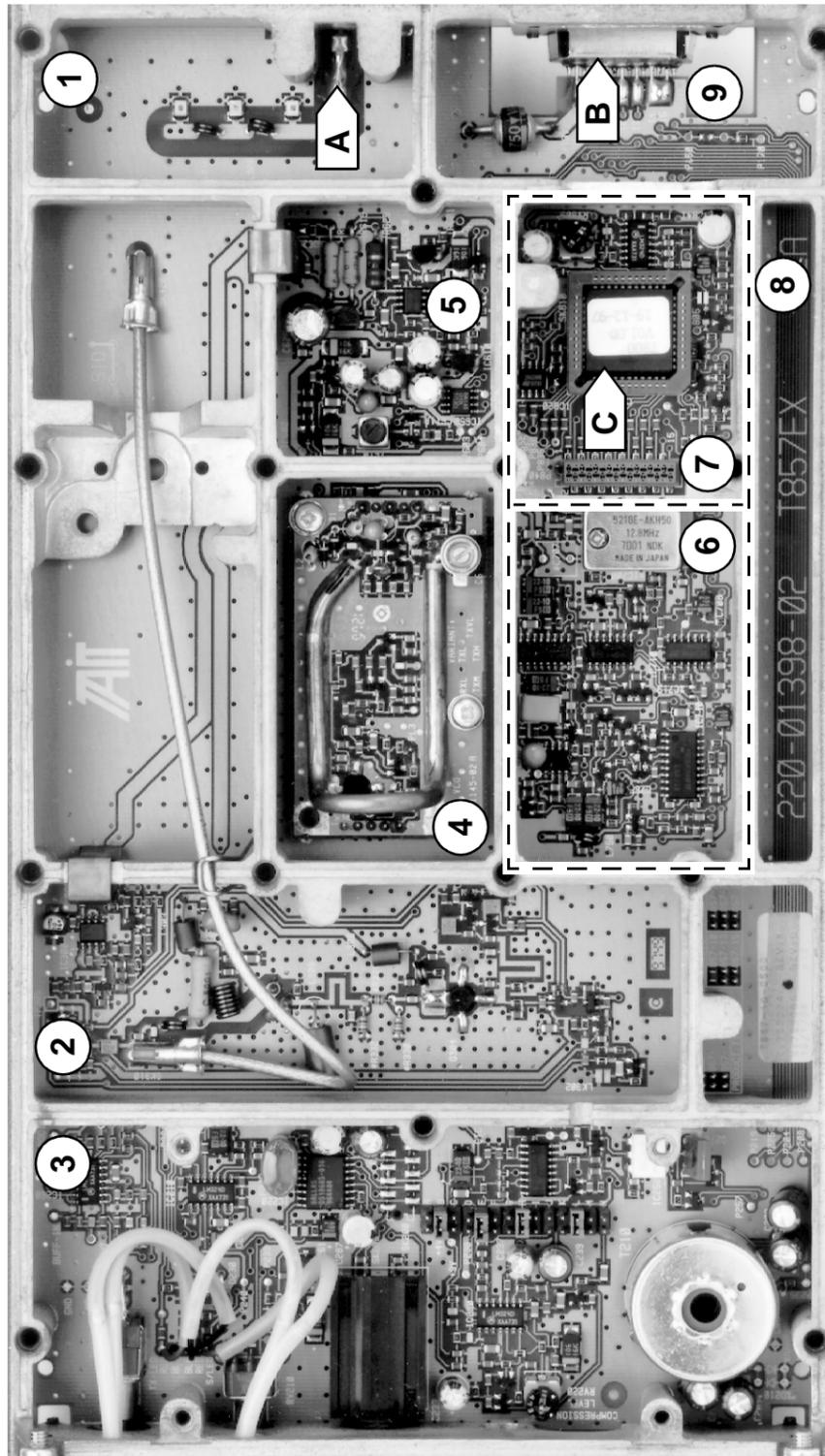


Figure 1.3 T857 Main Circuit Block Identification

- 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

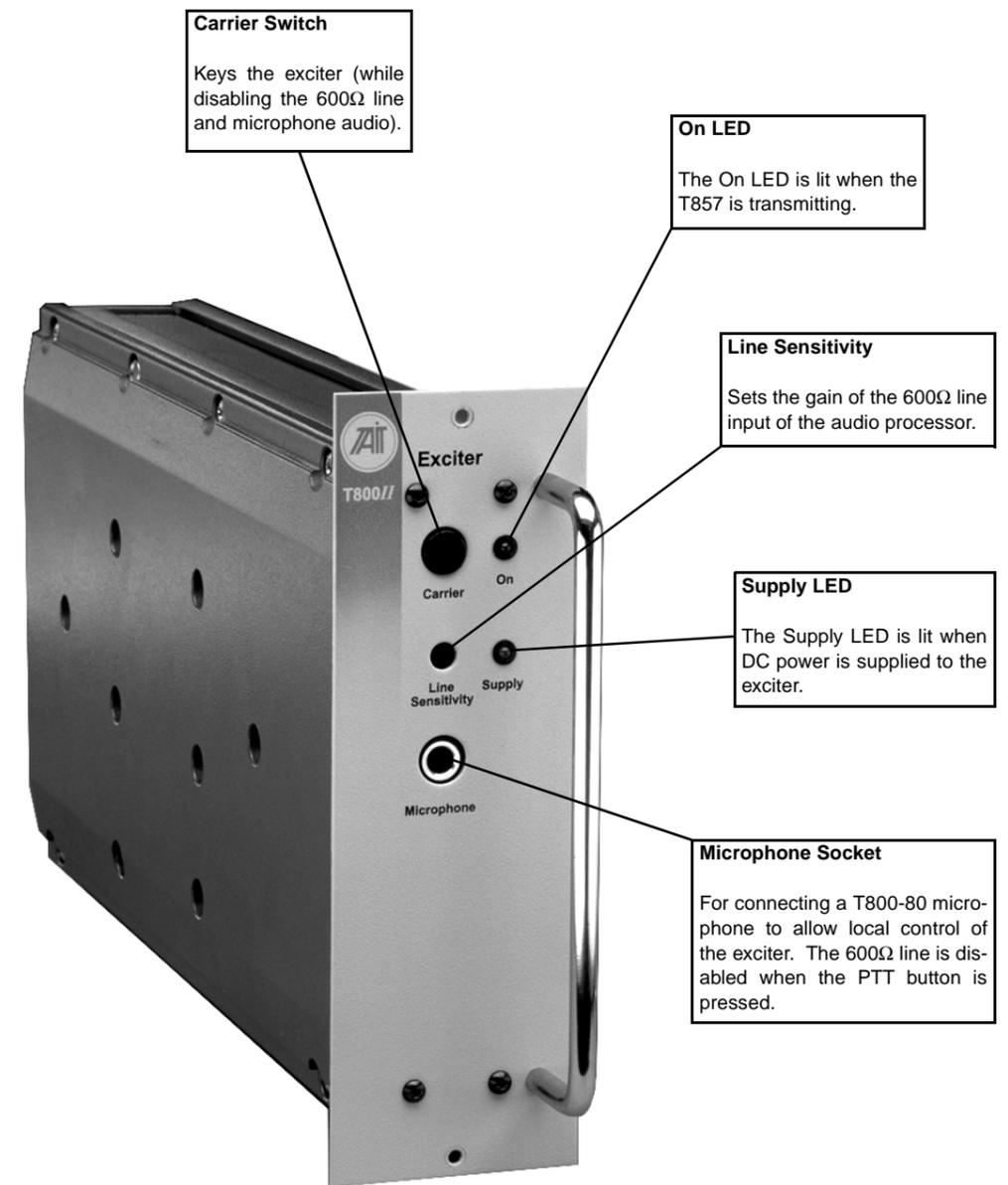


Figure 1.4 T857 Front Panel Controls