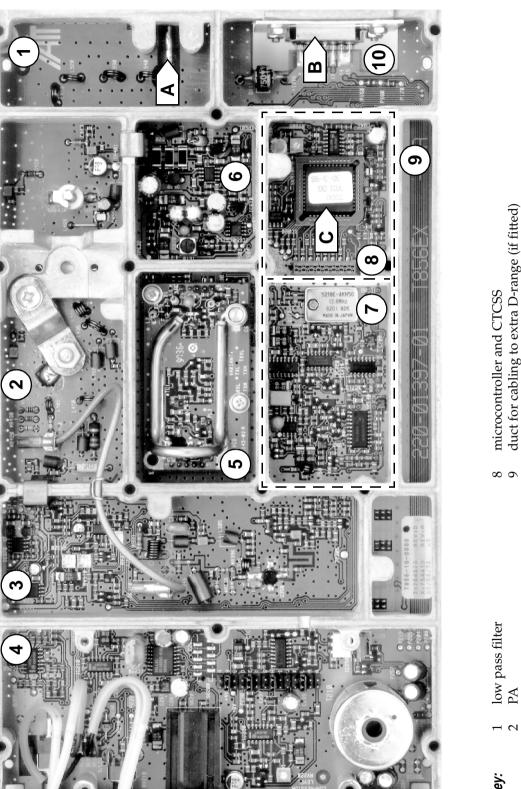
M850-00 T856/857 General Information C1.3

The photograph in Figure 1.1 on the next page will help you to identify the main circuit blocks in the T856.

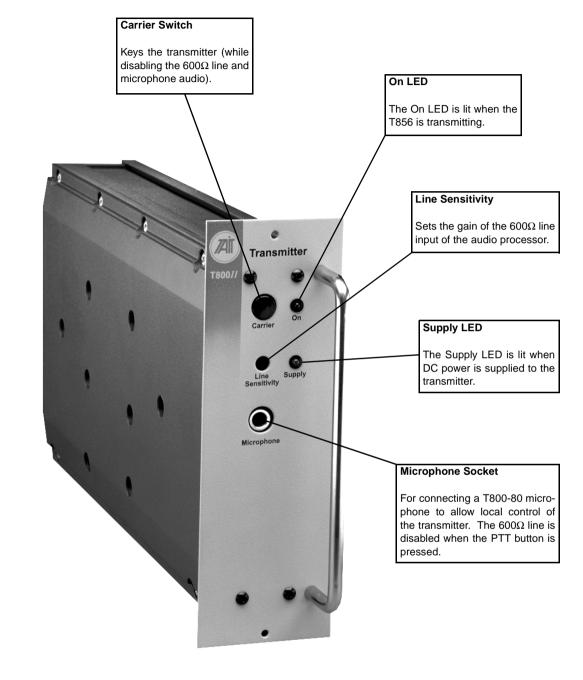
There is a similar photograph in Figure 4.4 which shows the main tuning and adjustment controls.

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.



RF output D-range 1") incl. audio in & DC in (refer to Section 2.2 in Part F) microcontroller microcontroller and CTCSS duct for cabling to extra D-range (if fitted) D-range 8 9 10  $\mathcal{C}$ A B exciter drive amplifier audio processor VCO regulators synthesiser 1284597 Key:



M850-00

Figure 1.1 T856 Main Circuit Block Identification Figure 1.2 T856 Front Panel Controls

C1.4

T856/857 General Information

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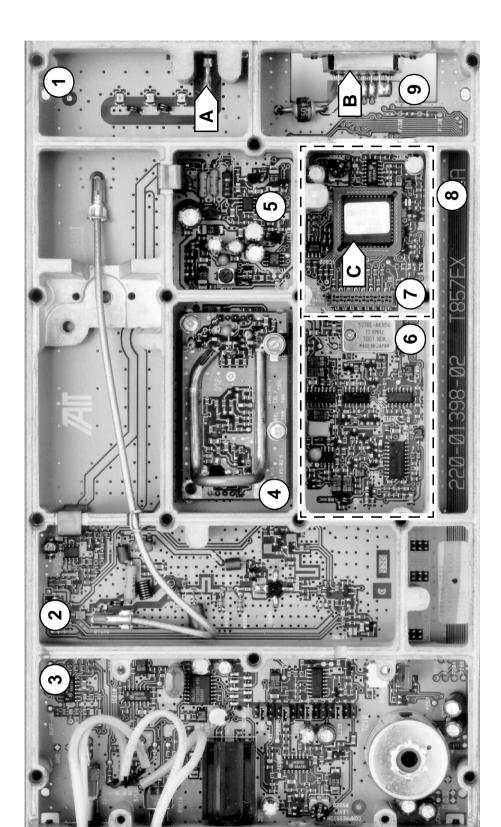
M850-00 T856/857 General Information C1.5

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.

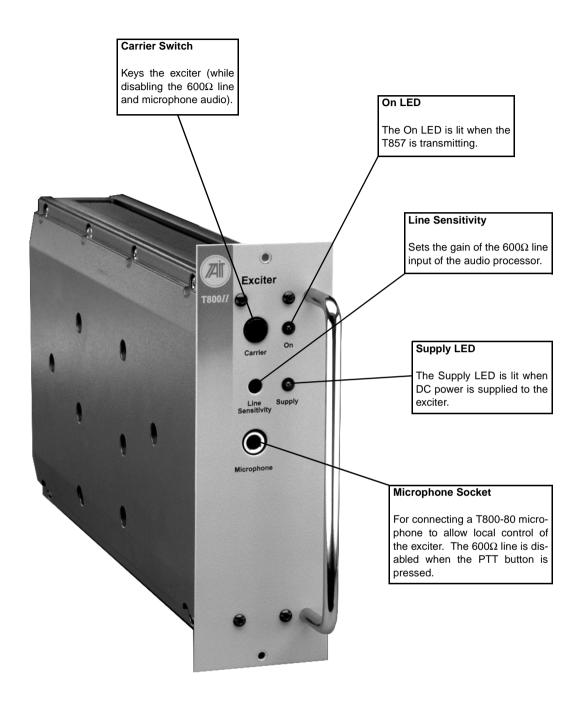


RF output
D-range connector ("D-range 1") incl. audio in & DC in
(refer to Section 2.2 in Part F)
microcontroller A B C regulators synthesiser microcontroller and CTCSS 1284597 Key:

C1.6

T856/857 General Information

Figure 1.3 T857 Main Circuit Block Identification



M850-00

Figure 1.4 T857 Front Panel Controls

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M850-00 **T856/857 Functional Testing C4.9** 

- RV805 CTCSS level adjust #CV475 SK805 =IC700 TCXO R481 L481 C6 RV330 shutdown power level IC350 pin 3 RV320 shutdown temperature RV310 power control SW230 carrier RV210 line sensitivity RV220 compression level PL205 PL220 PL215 PL210

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.

Figure 4.4 T856 Main Tuning & Adjustment Controls

M850-00 **T856/857 Functional Testing C4.11** 

RV805 CTCSS level adjust SK805 =IC700 TCXO C6 SW230 carrier RV210 line sensitivity RV220 compression level PL205 PL220 PL215 PL210

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