ROHDE&SCHWARZ

Manual

RADIOCODE TEST SET SCUD

393.7110.02

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1.   Outline

1.1   Front Panel

(See Fig. 1-1)

The figures shown within squares are the reference numbers of the operating control in the illustration.

| 1 | VDU

Its function is to display characters entered via the keyboard, program content and related correction, data output as well as graphics symbols and single point graphics (option). There are in all 164 characters (figures, upper and lower case letters, special characters and graphics symbols); normal display (bright on dark background) or reverse display (dark on bright backgound) can be selected. It is possible to display simultaneously 1000 characters (25 lines, 40 characters per line) and 64 000 points (200 lines, 320 points per line) using the single point graphics option. To eliminate low-frequency spurious radiation, the VDU may be switched off by using the relevant command. In the SCUD, the lower part of the screen can at the same time be used for labelling the six centrally arranged keys (softkeys).

| 2 | Floppy-disk drive

Its function is to store program and data. Double-sided 5 1/4" floppies are used for storage. One floppy disk drive offers a storage capacity of 156 kbyte.

| 3 | Keyboard socket

The external keyboard, which may either be standard or user-oriented, is to be hooked up to the system via this socket. The computer recognizes the type of keyboard used and carries out necessary function changes.

| 4 | RESET/AUTOLOAD key

Its function is to reset the computer. With a standard keyboard, the program is retained while the variables will be erased. When using a user keyboard or no keyboard, pressing this key will fetch and start the first program off the floppy.

| 5 | MENU HOME key

This key has a fixed function: it is used to call up the SCUD menu.

| 6 | Softkeys

This functions of these six softkeys vary according to the operating status
of the instrument.
The function of the softkeys is displayed in the lower part of the screen.

| 7 | MENU UP key

This key has a fixed function: it is used to go one level up in the operating
menu.

1.2   Rear Panel

(See Fig. 1-2)

The figures shown within squares are the reference numbers of the operating controls in the illustration.

| 8 | AF output of SCUD

| 9 | Summing input of SCUD

An AF signal applied to this input is added to the internally generated signal and is available at the AF output with a gain of approx. 1.

| 10 | AF input of SCUD

| 11 | Two TTL inputs of SCUD

CONTROL 1: This TTL input has different functions depending on the operating mode. Its main function is to control the selective-call encoder.

CONTROL 2: This TTL input has different functions depending on the operating mode. Its main function is to control the selective-call decoder.

| 12 | AC supply voltage selector with fuseholder

The Radiocode Test Set SCUD is designed for AC supply voltages of 100 V, 120 V, 220 V and 240 V. It is factory-adjusted for a supply voltage of 220 V. To select another voltage, proceed as follows:

- pull out fuseholder,
- insert appropriate fuse,
- replace fuseholder, the desired voltage pointing upwards.

For 220 V and 240 V, a fuse T1.25 and
for 100 V and 120 V, a fuse T2.50 should be used.

| 13 |

AC supply socket

The instrument is designed for an AC supply frequency of 50 to 60 Hz.

| 14 |

On/off switch

| 15 |

Connector for footswitch

For connection of footswitch.

| 16 |

Printer connector

Centronix-compatible interface for connection of Rohde & Schwarz Universal Printer PUD or any other printer with Centronix-compatible interface.

| 17 |

IEC-bus connector

IEC 625 (IEEE 488) - compatible equipment can be connected using the IEC-bus Cable PCK.

| 18 |

Cut-out for RS 232 interface (option PUC-B5)

When fitting the PUC-B5 option, the connector for the V24 or RS 232 interface is mounted here.

| 19 |

cut-out for I/O port (option PUC-B7)

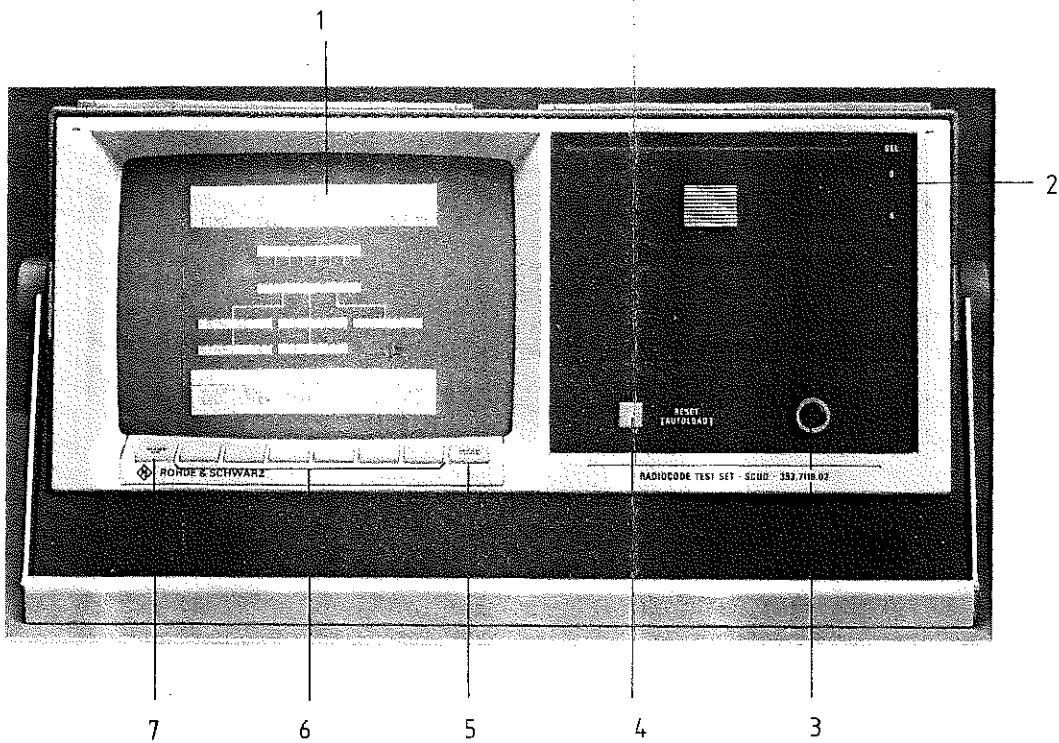When fitting the PUC-B7 option, the 50-way Amphenol socket for the I/O port with 32 BCD inputs/outputs, 7 relays plus A/D and D/A converters is mounted here.
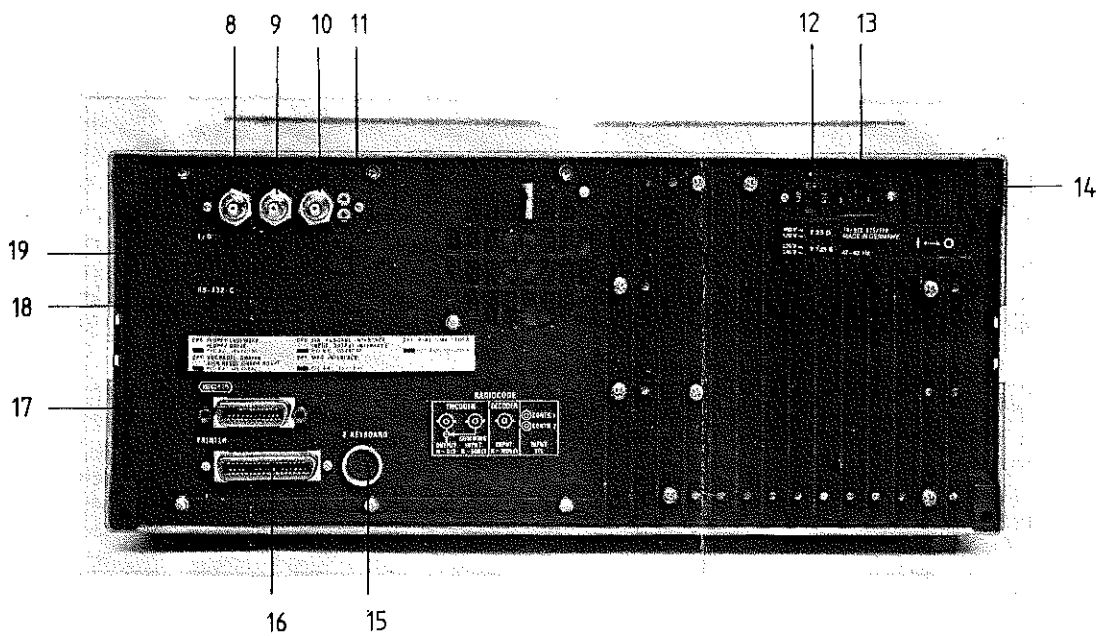
Fig. 1-1   Front view

Fig. 1-2   Rear view