

When the ScopeMeter LCD displays the indication "CAL", you must first apply the appropriate input (calibration) signal. When the correct signal is present at the correct terminal, you start the built-in calibration by pressing the most right READY softkey. The text "READY" will be in reverse video, to show that the ScopeMeter's internal calibration is active. When the process is ready, the "READY" text will change again, from inverted to normal. Now you can use the select/adjust keys to advance to the next calibration step or return to a previous calibration step.

After you have completed a calibration sequence, press either CONTRAST, SCOPE or METER softkey again to return to the CALIBRATE menu. The new calibration data will stay in memory to enable you to store it permanently with the CAL STORE key.

Press the ESCAPE softkey twice to leave the active calibration mode without storing the new calibration data. This will also return you to the SERVICE menu.

5.5 CONTRAST CALIBRATION ADJUSTMENT PROCEDURE

You activate the CONTRAST Calibration Adjustment Procedure from the CALIBRATE menu, by pressing the left most CONTRAST softkey. When this softkey is depressed, the text "CONTRAST" is shown in reverse video, to show that this calibration mode is active.

Now use the adjust/select keys to adjust the contrast of the LCD to your own (personal) setting. When you have found the correct setting, you can make this setting ready for calibration storage, by pressing the READY softkey once.

NOTE: When you press the READY softkey, this does not mean that the new value of the LCD contrast is actually stored in the Flash ROMs of the ScopeMeter. This only happens when you press the CAL STORE softkey.

Press the CONTRAST softkey again to leave the CONTRAST Calibration Adjustment Procedure. The text "CONTRAST" will change from reverse video into normal again.

5.6 SCOPE CALIBRATION ADJUSTMENT PROCEDURE

You can start the SCOPE Calibration Adjustment Procedure from the CALIBRATE menu by pressing the SCOPE softkey. When this softkey is pressed, the text "SCOPE" is shown in reverse video, to show that this calibration mode is active.

The SCOPE Calibration Adjustment Procedure is divided into two parts:

- Hardware SCOPE Calibration Adjustments: steps H1 to H4
- Closed Case SCOPE Calibration Adjustments: steps S5 to S29

NOTE: During the following Calibration Adjustment Procedure, you must connect the ScopeMeter input connectors to the signal generator outputs by means of cables (BNC connector channel A or B) or two standard banana test leads (COM and mV/Ohm/Diode banana connectors).

5.6.1 Hardware SCOPE Calibration Adjustments

The first four steps of the SCOPE Calibration Adjustment Procedure are called **Hardware SCOPE Calibration Adjustments**. To perform the Hardware SCOPE Calibration Adjustments, you must open the ScopeMeter. The disassembly procedure for these calibration adjustments is described in chapter 6 (section 6.1 and 6.2.3).