

Page 55 [28] Delete the first two sentences 'With ... TIME. A... operative'.

[28]

This AUTO control (green letters), in horizontal scale FULL SPAN or /DIV mode sets the video bandwidth in association with SWEEP TIME. Pressing AUTO when it's ON, indicated by the green light, will deselect AUTO and fix the video bandwidth at its current value.

Page 54 [26] Delete and insert as follows:

[26] RF ATTEN
AUTO (green letters)

When in the AUTO mode, shown by the green indicator light, the r.f. attenuators and i.f. gain will be set for the relevant display selected, in accordance with the REF LEVEL controls, filter bandwidth settings and, when appropriate, the SAVE A and SAVE B keys.

Pressing the AUTO key when ON turns automatic selection OFF, (fixing r.f. attenuation and i.f. gain at their current values). Pressing the key when OFF turns automatic selection ON again.

Care should be taken in the HORIZONTAL LOG mode however - refer to para. 111 [29] LOG.

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Page 59 [32] Delete SWEEP TIME paragraph 'These keys AUTO mode is operative.' Insert the following:

These keys in conjunction with the horizontal scale FULL SPAN, /DIV or ZERO SPAN control enable the sweep time for the display to be set or automatically adjusted.

Pressing the AUTO key when ON, as shown by the green indicator light, turns automatic selection OFF (fixing sweep time at its current value). Pressing this key when OFF turns automatic selection ON again.

Pressing + or - key turns automatic selection off and manually sets the sweep time. When the sweep time is less than the AUTO value, the message 'Sweep uncal' may be displayed at the top of the display area. This indicates that the sweep through the particular filter is too fast. Increasing sweep time when in the AUTO video BANDWIDTH mode will increase noise filtering and aid the identification of low level signals. When the selected sweep time is greater than 0.1 s/div. a bright-up facility is activated. This can be de-selected by pressing the 2ND FUNCT then START keys (IDENTIFY REFRESH).

The time/div annotation is displayed on the bottom line of the screen in reverse video if AUTO is not selected.

Page 60 [33] Delete FILTER BANDWIDTH from 'these controls is operative.'
Insert the following:

These controls, when pressed, select the resolution filter bandwidth. Pressing the AUTO key when ON, as shown by the green indicator light, turns automatic selection OFF (fixing the resolution bandwidth at its current value). Pressing this key when OFF turns automatic selection ON again. Pressing ↓ or ↑ key turns automatic selection OFF and manually sets the resolution bandwidth. The bandwidths available range from 3 Hz to 1 MHz in a 1, 3, 10 sequence and the selection made is annotated on the screen - in reverse video if AUTO is not operational.

Page 60 Delete AUTO (with /DIV or METER) whole paragraph and insert as follows:

AUTO (with /DIV or meter)

When AUTO is pressed the optimum filter bandwidth for the current frequency span (SPAN/DIV) is selected. The appropriate sweep time is also selected provided AUTO SWEEP TIME is active.