

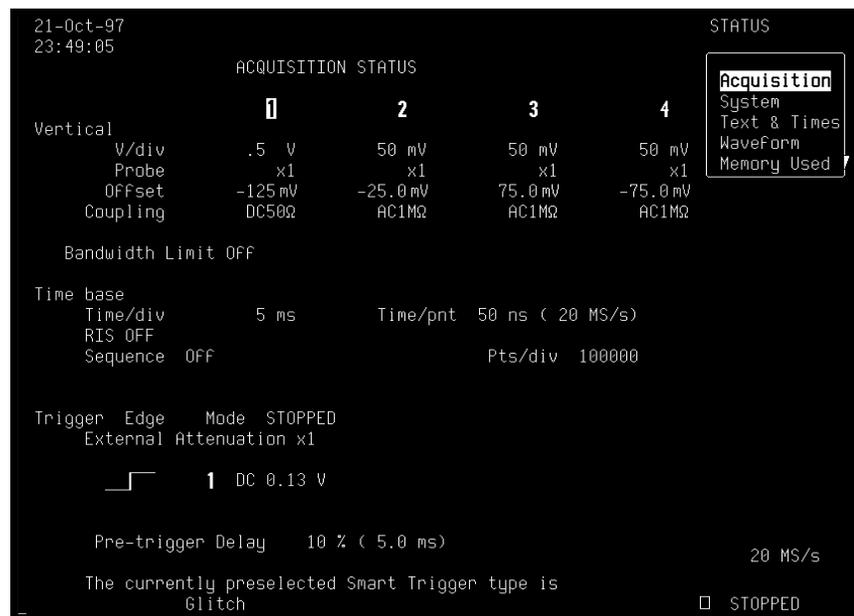
The Complete Picture, Summarized

SHOW
STATUS

Press  to summon the "STATUS" menu and access full-screen summaries of the oscilloscope's system and other functional status.

Acquisition Status

Vertical sensitivity, probe attenuation, offset and coupling for each channel, as well as timebase and trigger status summaries.





SHOW STATUS

System

Scope serial number, firmware version, and software and hardware options installed. The “MORE VERSION INFORMATION” menu is used to perform a cyclic redundancy check (CRC) of the internal firmware and will generate a checksum that can be used to ensure the firmware is uncorrupted.

```
21-Oct-97                               STATUS
23:49:14

Serial Number 935401930
Soft Version 9354CL 07.5.1
Thursday, September 04, 1997 11:07 AM
(build 5)

Soft Options
WP01 WP02 WP03 DDM CKIO PRML ORM DDFA
MATE MC01 S011 S012

Hard Options
GPIB R232 CLBZ FD01 GP01 CENT HD01 CPU3
I2C

Main Processor RAM size: 16M bytes
Acquisition Memory size: 2M data points per channel

20 MS/s

□ STOPPED
```

Acquisition
System
Text & Times
Waveform
Memory Used

MORE VERSION INFORMATION

Text & Times

User text in the waveform descriptor* and trigger timing information (four-channel menu shown in this example). And when “Text & Times” is selected the “for” and “Select” menus shown here also appear, allowing a trace or memory to be selected and a segment range to be specified for information.

The screenshot displays a terminal window with the following content:

```
21-Oct-97
23:51:14

For
waveForm
1

Segment      Time              since Segment 1  between Segments

1) 21-Oct-1997 23:50:54
2) 21-Oct-1997 23:50:54      5.999984 ms
3) 21-Oct-1997 23:50:54      11.999968 ms   5.999984 ms
4) 21-Oct-1997 23:50:54      17.999952 ms   5.999984 ms
5) 21-Oct-1997 23:50:54      23.999936 ms   5.999984 ms
6) 21-Oct-1997 23:50:54      29.999919 ms   5.999984 ms
7) 21-Oct-1997 23:50:54      35.999903 ms   5.999984 ms
8) 21-Oct-1997 23:50:54      41.999887 ms   5.999984 ms
9) 21-Oct-1997 23:50:54      47.999871 ms   5.999984 ms
10) 21-Oct-1997 23:50:54     53.999855 ms   5.999984 ms
11) 21-Oct-1997 23:50:54     59.999838 ms   5.999984 ms
12) 21-Oct-1997 23:50:54     65.999822 ms   5.999984 ms
13) 21-Oct-1997 23:50:54     71.999806 ms   5.999984 ms
14) 21-Oct-1997 23:50:54     77.999789 ms   5.999984 ms
15) 21-Oct-1997 23:50:54     83.999773 ms   5.999984 ms
16) 21-Oct-1997 23:50:54     89.999757 ms   5.999984 ms
17) 21-Oct-1997 23:50:54     95.999740 ms   5.999984 ms
18) 21-Oct-1997 23:50:54    101.999724 ms   5.999984 ms
19) 21-Oct-1997 23:50:54    107.999708 ms   5.999983 ms
20) 21-Oct-1997 23:50:54    113.999691 ms   5.999984 ms STOPPED
```

STATUS

- Acquisition System
- Text & Times**
- Waveform
- Memory Used

For

1	2	3	4
A	B	C	D
M1	M2	M3	M4

Select segment (1 - 50)

5 MS/s
50 x

* Refer to the *Remote Control Manual*.



SHOW STATUS

Waveform

Detailed status information on channels, memories, zoom and math or displayed traces, specified using the bottom menu, which appears when “Waveform” is selected from the top.

21-Oct-97 23:52:19 WAVEFORM					STATUS
	1	2	3	4	
Trigger date	21-Oct-1997	21-Oct-1997	21-Oct-1997	21-Oct-1997	Acquisition System Text & Times Waveform Memory Used
time for	23:50:54 0.29 s	23:50:54 0.29 s	23:50:54 0.29 s	23:50:54 0.29 s	
Vertical					
Scale/div	100 mV	0.50 V	50 mV	50 mV	Channels Zoom+Math Memories Displayed
Offset	-256 mV	-0.25 V	75 mV	-75 mV	
Coupling	DC50Ω	AC1MΩ	AC1MΩ	AC1MΩ	
BW-Limit	Off	Off	Off	Off	
Horizontal					
Scale/div	0.50 ms	0.50 ms	0.50 ms	0.50 ms	Channels Zoom+Math Memories Displayed
Offset	10.0 % Pre	10.0 % Pre	10.0 % Pre	10.0 % Pre	
Scale/pnt	0.20 μs	0.20 μs	0.20 μs	0.20 μs	
Pnts/div	2500	2500	2500	2500	
Record Type	SINGLE	SINGLE	SINGLE	SINGLE	
Segments	50	50	50	50	
Sweeps					

5 MS/s
50 x
□ STOPPED

Memory Used

Shows how much memory is being used and how much remains free. Memory allocation: memories M1–4 can be selected and then cleared using the “CLEAR INACTIVE” menu. The dedicated persistence data maps for each channel are dynamically created, resized and deleted as necessary. The allocation of memory to each of these data maps will appear in this menu. Persistence data maps are cleared using the CLEAR SWEEPS button.

```
21-Oct-97
23:53:31

Memory used for storage of records

name          bytes
A             568 inactive
B             50 048 inactive
M1           2 500 892
M4             50 108
Free          9 920 824
Total        12 522 440
```

STATUS

- Acquisition
- System
- Text & Times
- WaveForm
- Memory Used**

CLEAR M1

M2 empty

M3 empty

CLEAR M4

CLEAR INACTIVE

5 MS/s

STOPPED

To free some memory, you can

- . clear Memory waveforms
- . reduce the number of points used for Math (MATH SETUP)
- . reduce the number of samples in the Record (TIMEBASE SETUP)
- . turn off traces or parameters