

93/95/97 SCOPEMETER®



Quick Operating Guide

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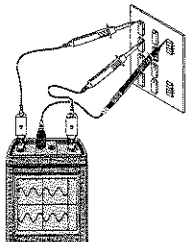
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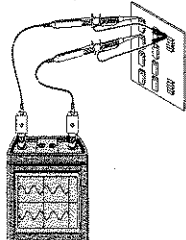
1

LF/HF CONNECTIONS

LF MEASUREMENT (DC to 1MHz)



HF MEASUREMENT (DC to 50 MHz)



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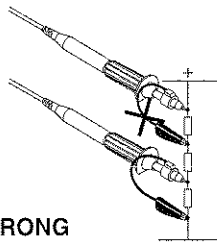
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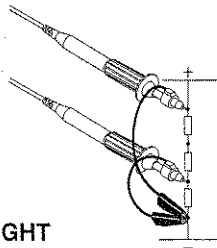
COMMON (GND) CONNECTIONS

2

WRONG



RIGHT



93

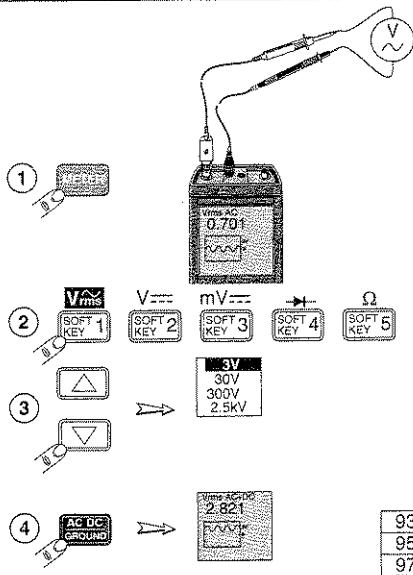
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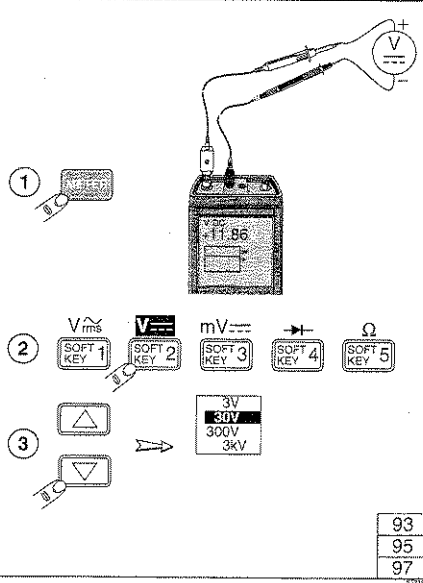
3

MEASURING AC-RMS VOLTS



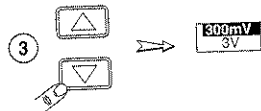
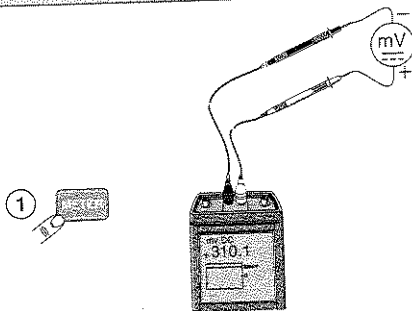
MEASURING DC VOLTS

4



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ACCESSORY INPUT



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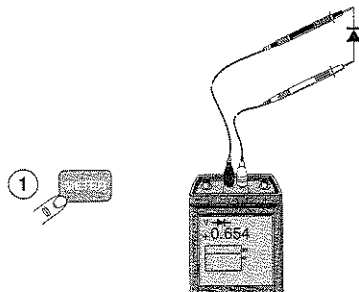
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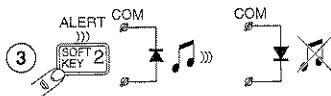
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DIODE TEST

6



DIODE TEST WITH AUDIO ALERT:



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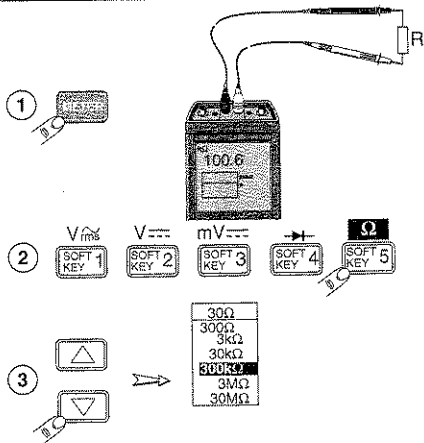
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MEASURING RESISTANCE

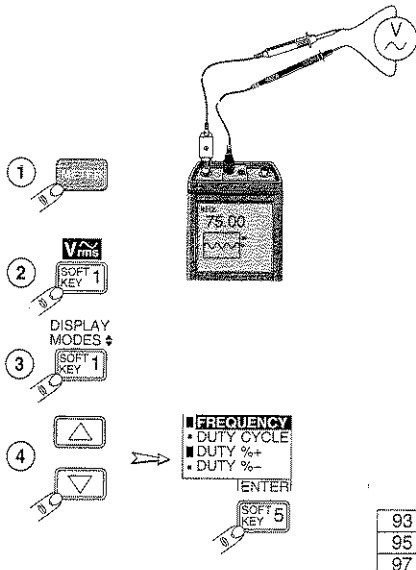


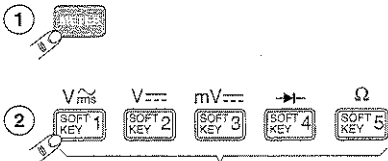
CONTINUITY TESTING:



MEASURING FREQUENCY

8





Vrms AC
29.63 NOW
 32.45 MAX 00:00r 00:58
 29.23 AVG 00:1V 00:21
 26.44 MIN 00:00r 02:37

ATTENTION!

Vrms AC
27.50 NOW
OL MAX 00:00r 02:58
32.26 AVG 00:1V 00:21
 26.44 MIN 00:00r 02:37

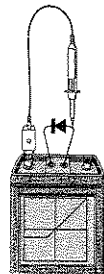
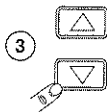
Average value:
 32.26 Vrms
 valid at
 000hr 00:57

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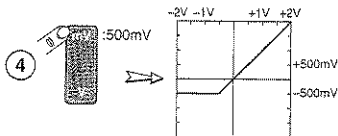
MEASURE



Components:
 • VOLTAGE
 • CURRENT

ENTER

SOFT KEY 5

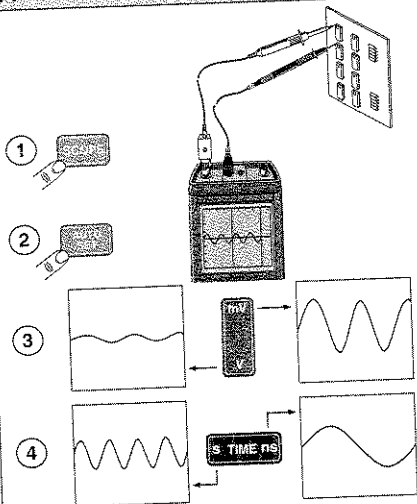


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DISPLAYING A WAVEFORM

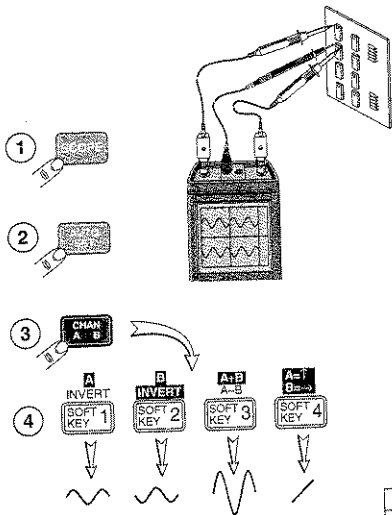


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DISPLAYING TWO WAVEFORMS 12



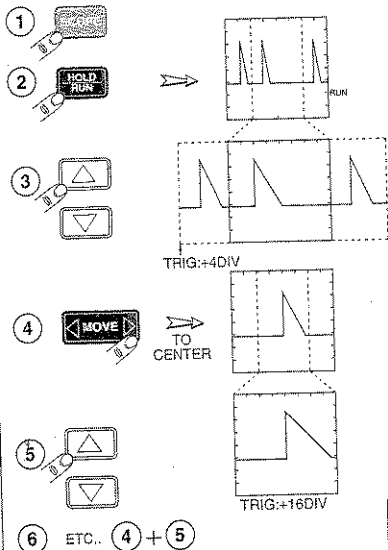
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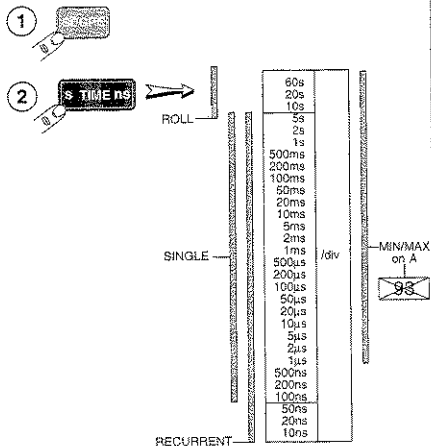
13

ZOOM IN A WAVEFORM



TIME BASE POSITIONS

14



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SELECTING A TRIGGER

1

2

3

EXT A B	+SLOPE -SLOPE	TRIGGER LEVEL	DELAY ↑	DELAY ZERO
SOFT 1 KEY	SOFT 2 KEY	SOFT 3 KEY	SOFT 4 KEY	SOFT 5 KEY

NO TRIG
RUN

+SLOPE:

-SLOPE:

TIME DELAY
N-CYCLE 93
EVENTS 95

LEVEL:

4

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SINGLE SHOT CHECKLIST

16

1

SINGLE RECURRENT	FREE RUN	CAPTURE 10/20	MIN MAX on A	TRIGGER at 50%
Set to SINGLE	Set to off	Set as needed	Set as needed	---

2

A INVERT	B INVERT	A=B A-B	A=T B=→	---
Set as needed	Set as needed	Set as needed	---	---

3 and/or

Set to cover input signal(s)

4 and/or

Set to DC

5

EXT A B	+SLOPE -SLOPE	TRIGGER LEVEL	DELAY	DELAY ZERO
Set as needed	Set for 1st edge	Press and Adjust with and	Press and Adjust in	Press and Pop up

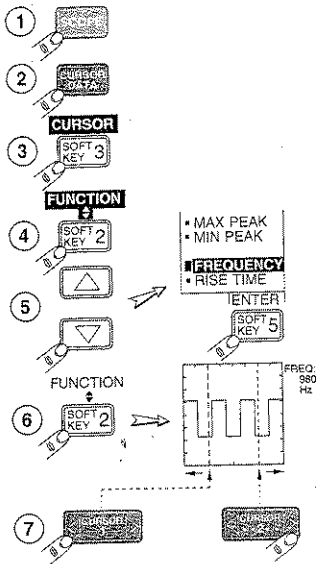
6

Set as needed

7

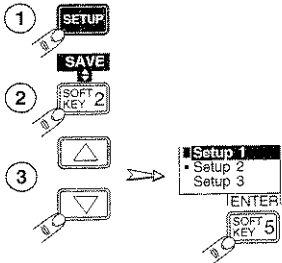
Press to start (or stop) **HOLD** on display changes to **NOTRIG**
On triggering to **RUN**. On completion to **HOLD**

Notes : MIN MAX affects channel choices
: Models 93 and 95 have fewer softkey choices
: If GEN on then EXT trigger replaced by GEN.

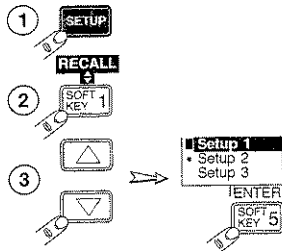


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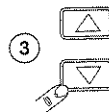
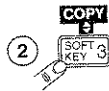
SAVING:



RECALLING:



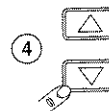
98
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COPY FROM:

- Channel A
- Channel B
- A+B

ENTER



COPY TO:

- Memory 4
- Memory 5
- Memory 6

ENTER

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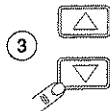
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WAVEFORM:

ON/OFF

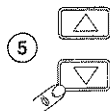


- Memory 4
- Memory 5
- Memory 6

ENTER

WAVEFORM:

ON/OFF

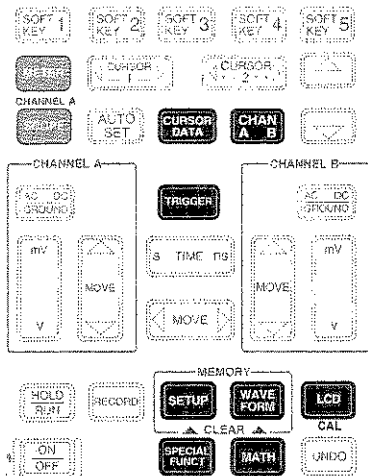
(MIN. 1 WAVEFORM
MAX. 4 WAVEFORMS)Y-POS
4

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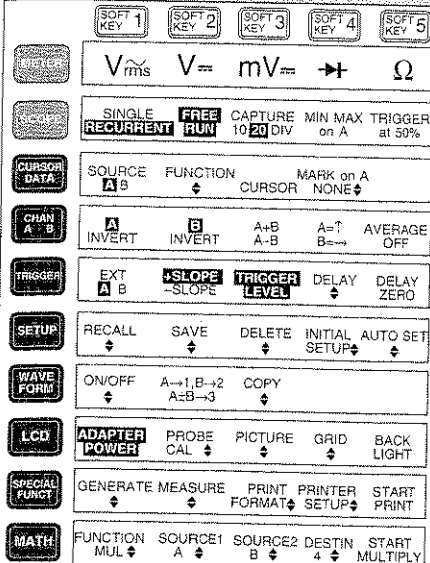
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MODEL 97

Note: Models 93 and 95 have fewer key choices

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