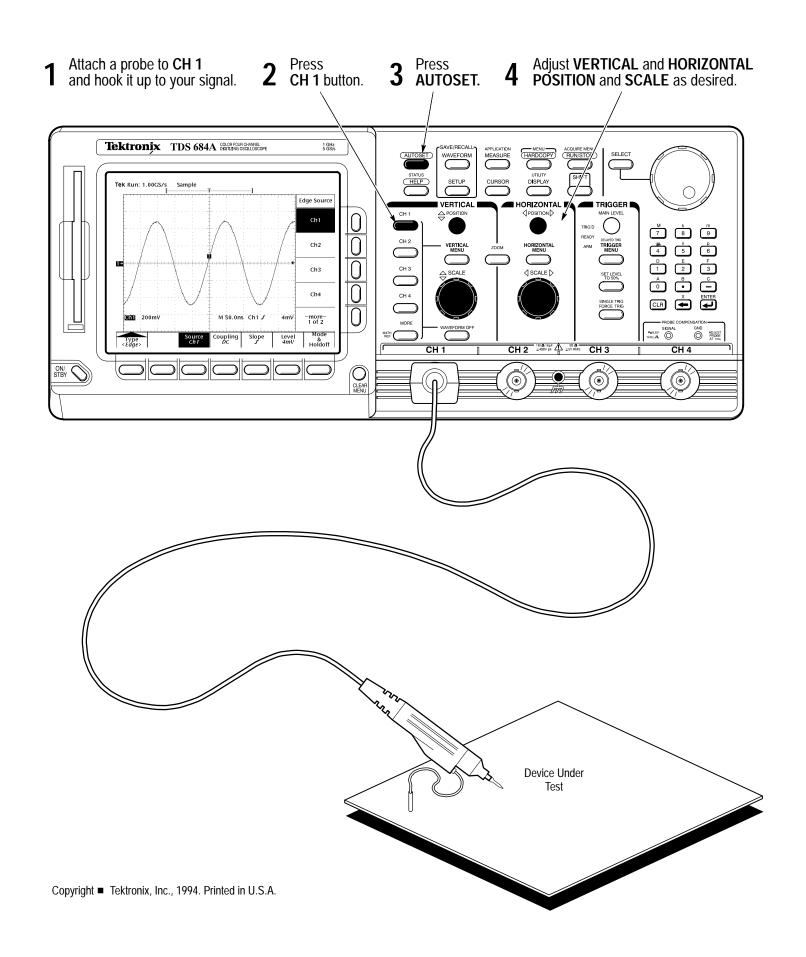
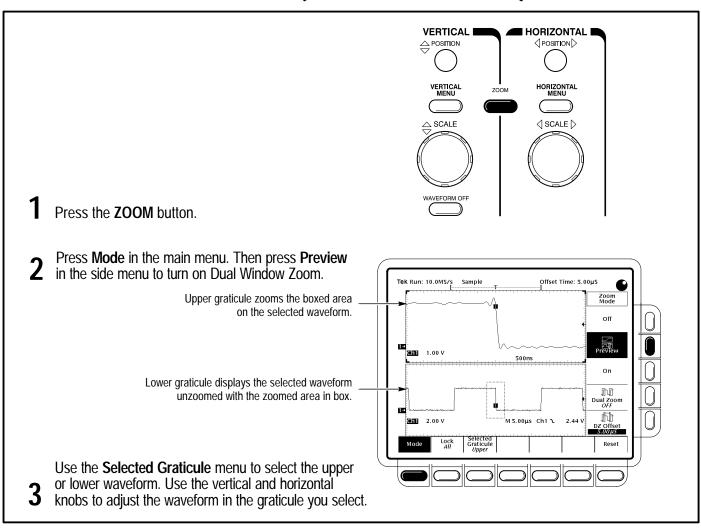
### Reference

TDS 684A, TDS 744A & TDS 784A Digitizing Oscilloscopes 070-8999-02

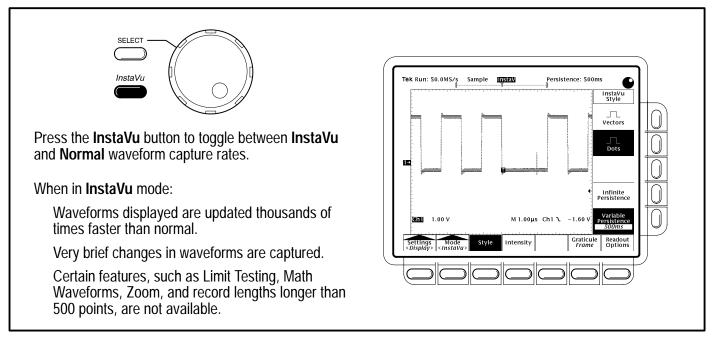
# To Display a Waveform:



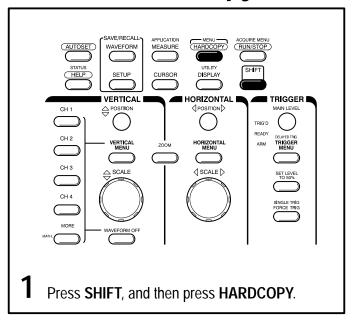
# To Preview a Waveform (TDS 700A Models):

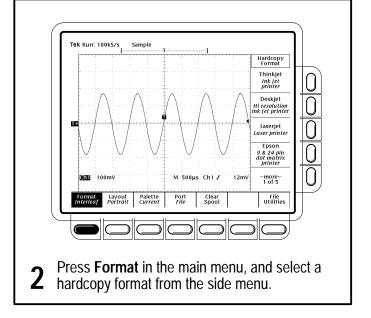


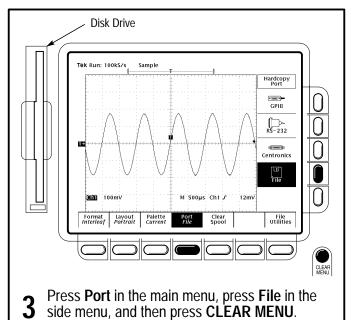
# To Capture Infrequent Events (TDS 700A Models):

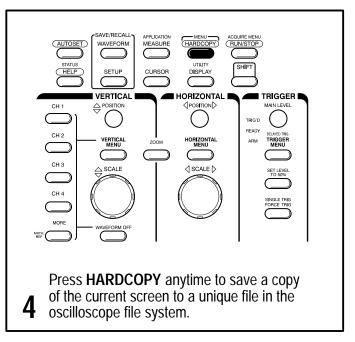


# To Save a Hardcopy to the File System:





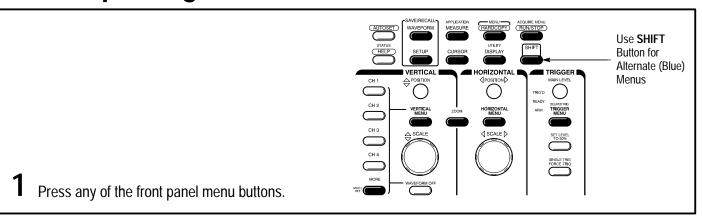


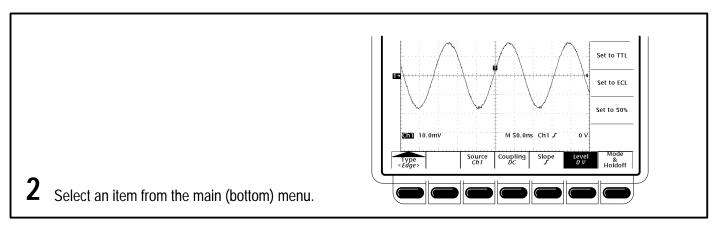


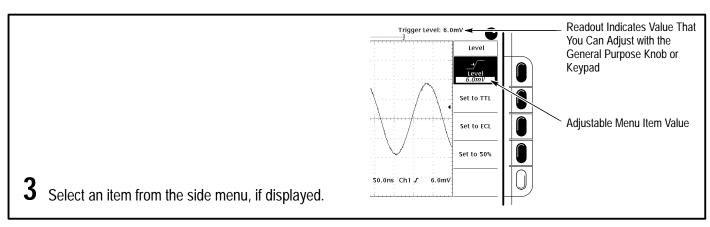
#### **To Perform Other File System Operations:**

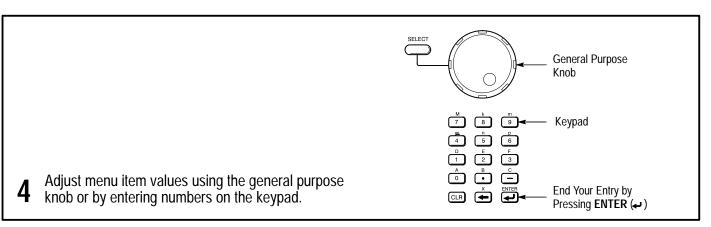
- Press SAVE/RECALL WAVEFORM, and use the menu buttons to save a waveform to a file or recall it from a file.
- Press SAVE/RECALL SETUP, and use the menu buttons to save a setup to a file or recall it from a file.
- Press **File Utilities** in the Save/Recall Waveform, Save/Recall Setup, or Hardcopy menus to access utilities that create directories, copy files, and do other operations in the oscilloscope file system.

## To Set Up Using a Menu:

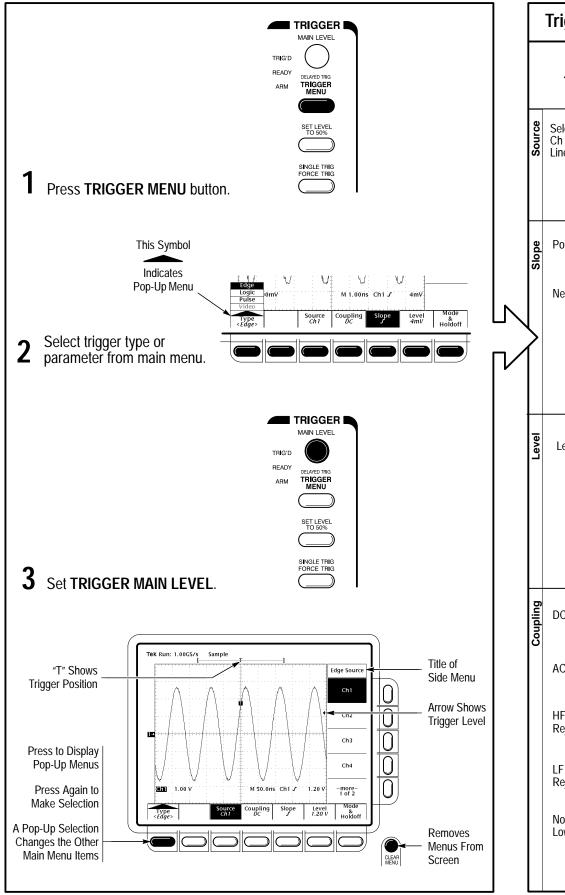


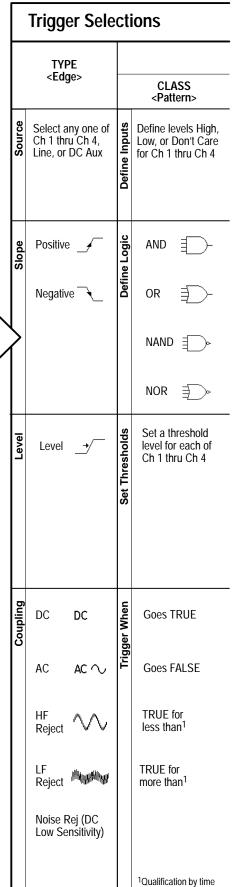




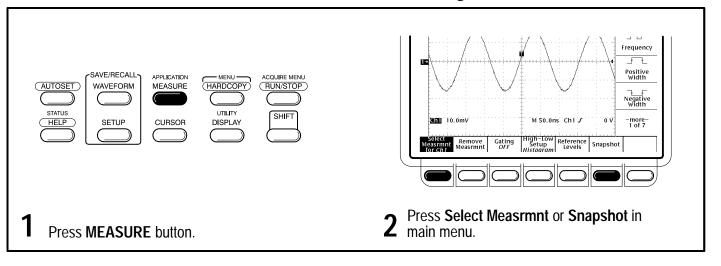


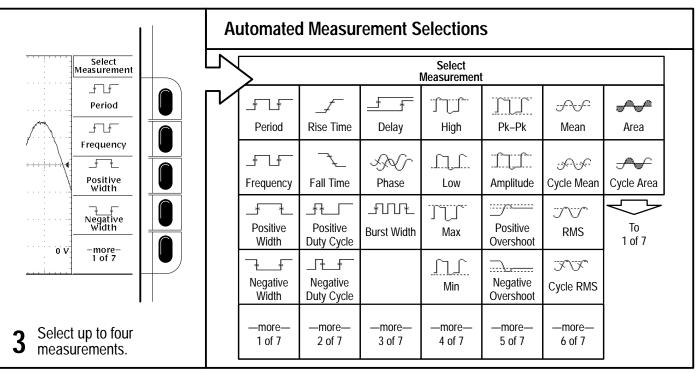
# To Select a Trigger:

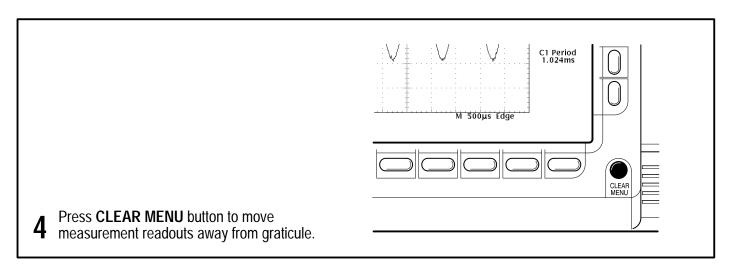




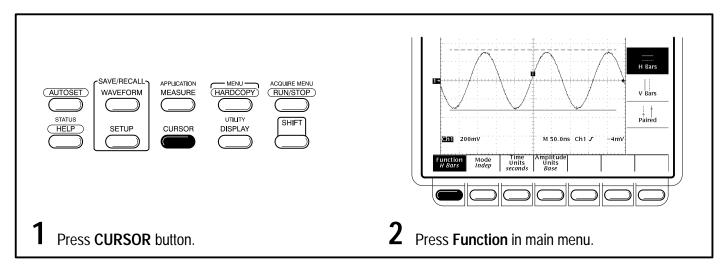
# To Take Measurements Automatically:

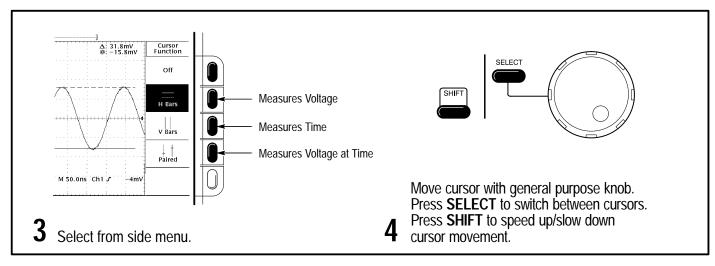




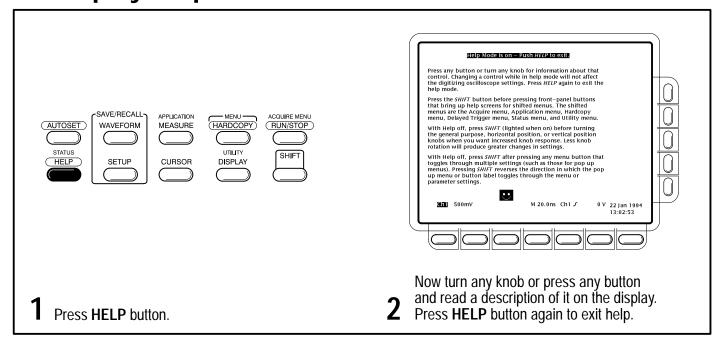


#### **To Take Measurements With Cursors:**



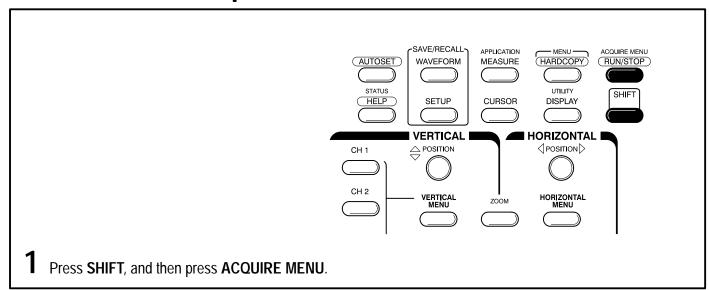


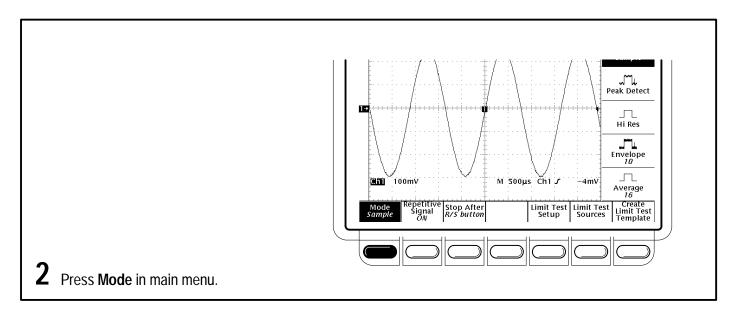
# To Display Help On Screen:

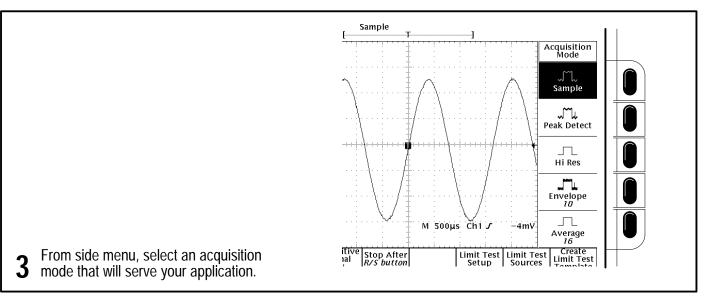


_		TYPE			ТҮРЕ										
<logic></logic>					<pulse></pulse>							TYPE <video></video>			
	CLASS <state></state>			CLASS <setup hold=""></setup>		CLASS <glitch></glitch>		CLASS <runt></runt>		CLASS <width></width>		CLASS <slew rate=""></slew>		(Optional)	
	Define Inputs	Define levels High, Low, or Don't Care for Ch 1 thru Ch 3 Select edge for the clock (always Ch 4)	Data Source	Select one of Ch 1 thru Ch 4 as the data source Do not select the same channel used as the clock source	Source	Select any one of Ch 1 thru Ch 4	Source	Select any one of Ch 1 thru Ch 4	Source	Select any one of Ch 1 thru Ch 4	Source	Select any one of Ch 1 thru Ch 4	Source	Select any one of Ch 1 thru Ch 4	
	Define Logic	AND ₽ C OR ₽ C NAND ₽ C NOR ₽ C	Clock Source	Select one of Ch 1 thru Ch 4 as the clock source Select the clock edge Do not select the same channel used as the data source	Polarity & Width	Positive	Polarity	Positive []  Negative []  Either : []	Polarity	Positive -	Polarity	Positive Negative Either	Sync Polarity	Negative Sync Positive Sync	
	Set Thresholds	Set a threshold level for each of the pattern channels, Ch 1 thru Ch 3, and the clock, Ch 4.	Levels	Clock ————————————————————————————————————	Level	Level _•	Thresholds	Runt Upper The Lower Set levels or select preset levels based on TTL or ECL logic	Level	Level <u>→</u>	Thresholds	High  Low  Set levels or select preset levels based on TTL or ECL logic	Field/Line	Set video field and line number	
	Trigger When	Goes TRUE  Goes FALSE	Setup/Hold Times		Glitch (Filter)	OFF Glitch  ON Reject Glitch	Trigger When	Select trigger when any runt occurs or  Select triggering when a runt wider than specified occurs <sup>2</sup>	Trigger When	Within Limits  Out of Limits  Set Lower and Upper Limits	Trigger When	Select faster than or slower than and set delta time  The oscilloscope computes the slew rate readout from the delta time and thresholds settings	Standard	NTSC  PAL  HDTV  FlexFmt	

# **To Choose an Acquisition Mode:**







### **How the Acquisition Modes Work:**

