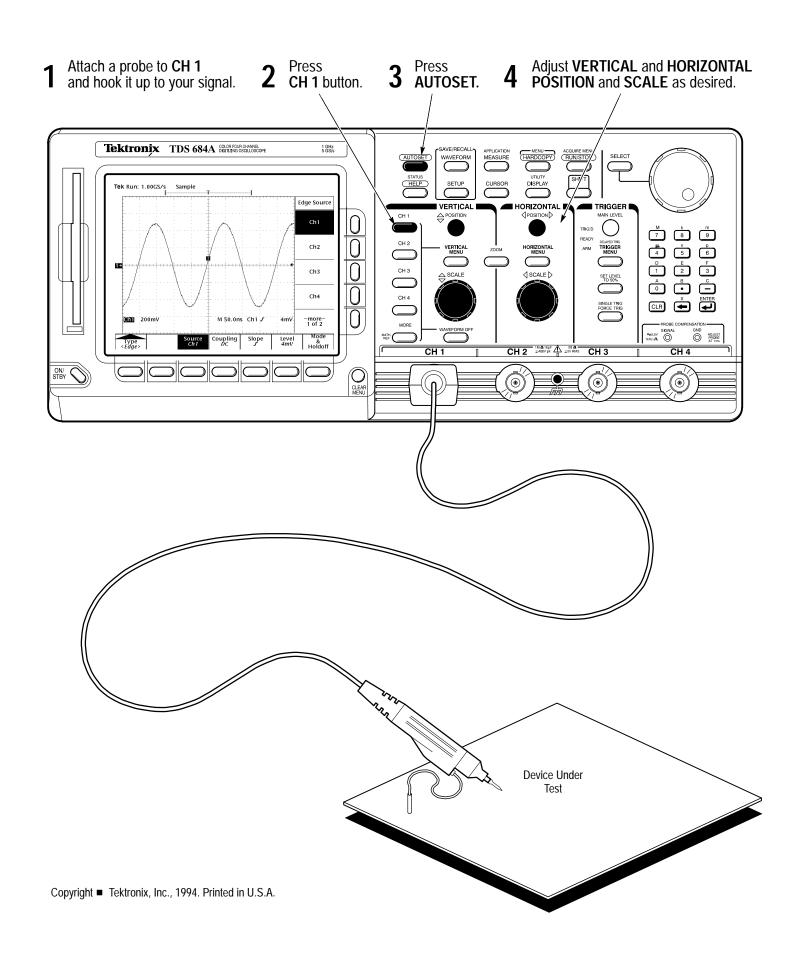
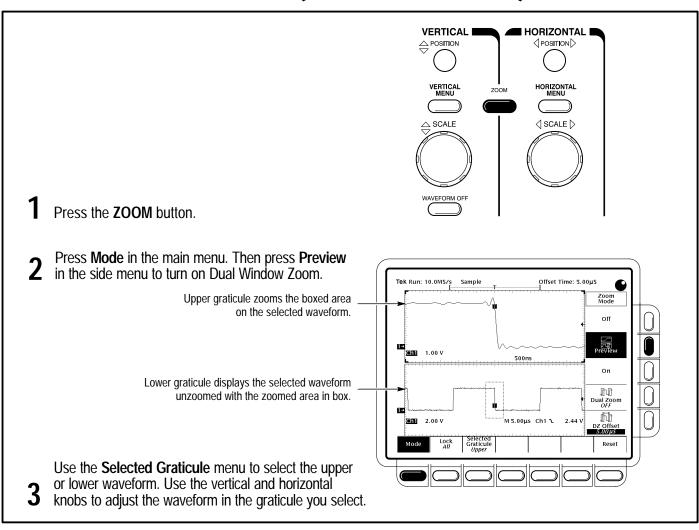
Reference

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

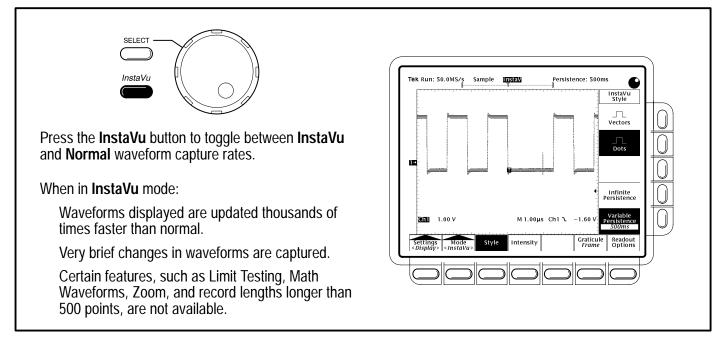
To Display a Waveform:



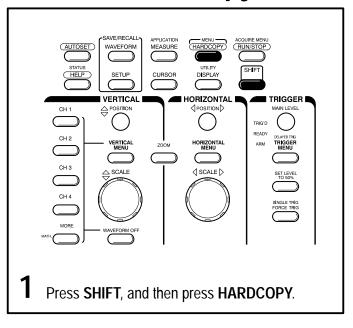
To Preview a Waveform (TDS 700A Models):

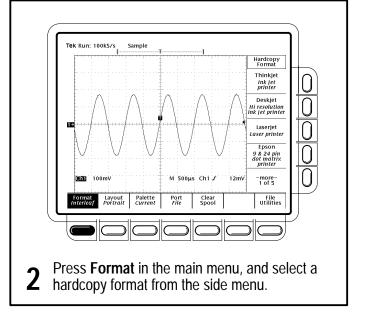


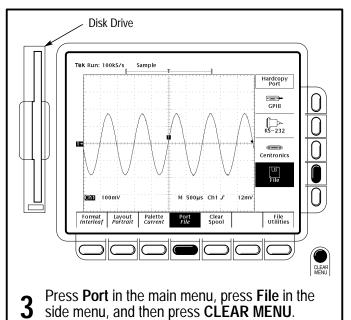
To Capture Infrequent Events (TDS 700A Models):

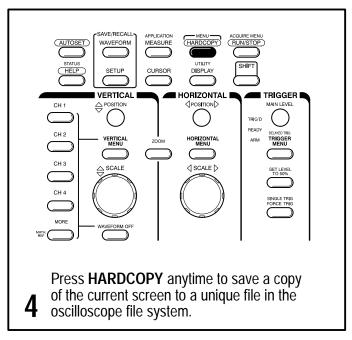


To Save a Hardcopy to the File System:





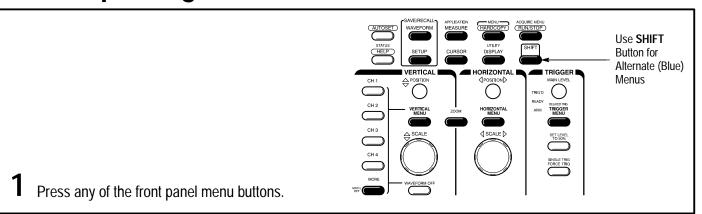


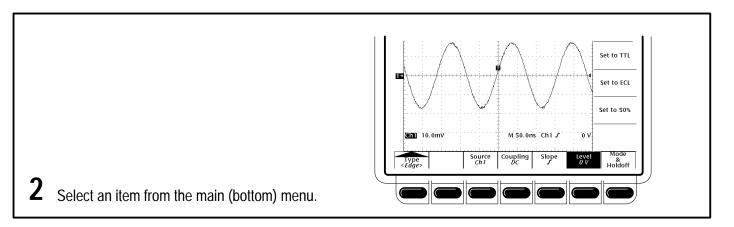


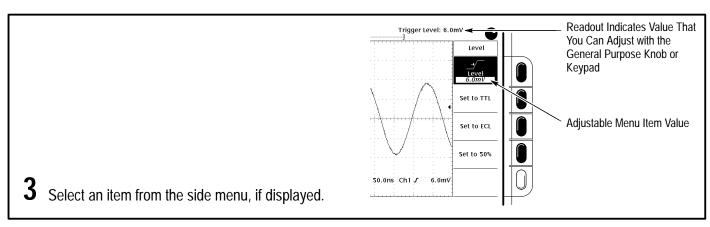
To Perform Other File System Operations:

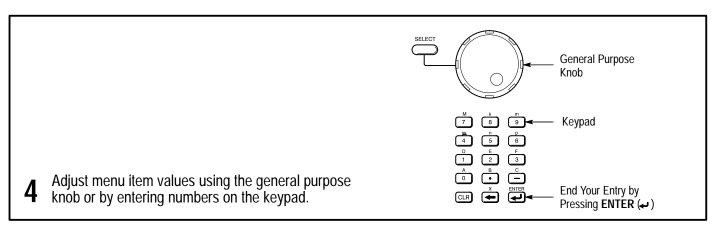
- Press SAVE/RECALL WAVEFORM, and use the menu buttons to save a waveform to a file or recall it from a file.
- Press SAVE/RECALL SETUP, and use the menu buttons to save a setup to a file or recall it from a file.
- Press **File Utilities** in the Save/Recall Waveform, Save/Recall Setup, or Hardcopy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

To Set Up Using a Menu:

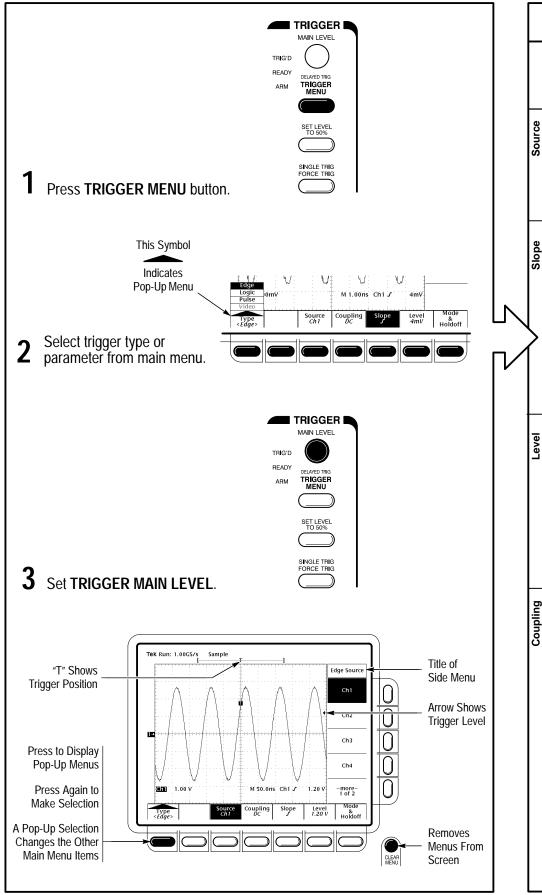


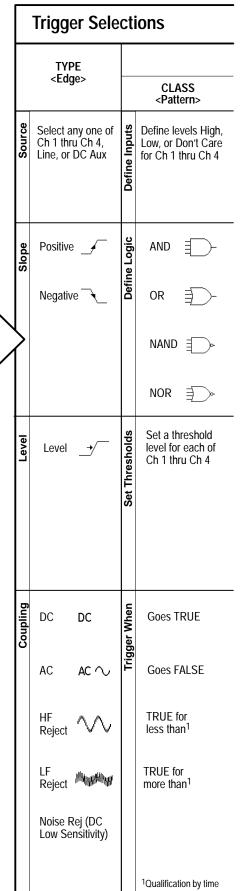




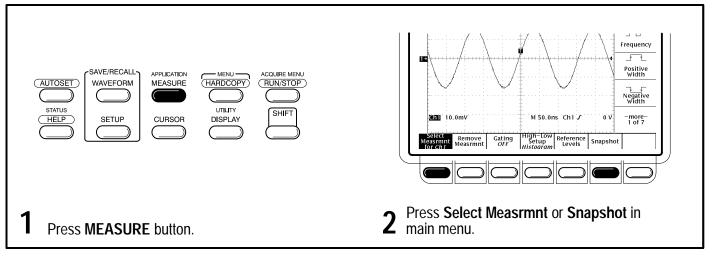


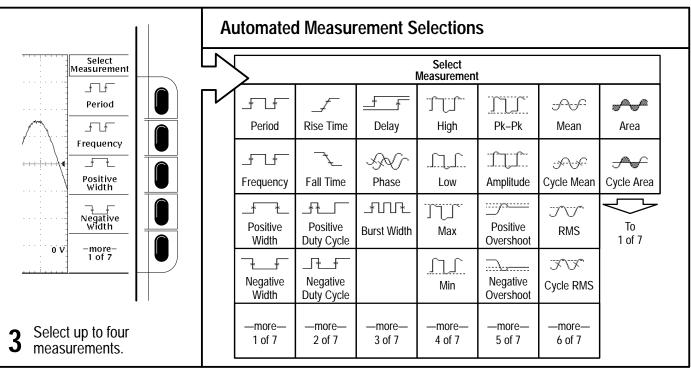
To Select a Trigger:

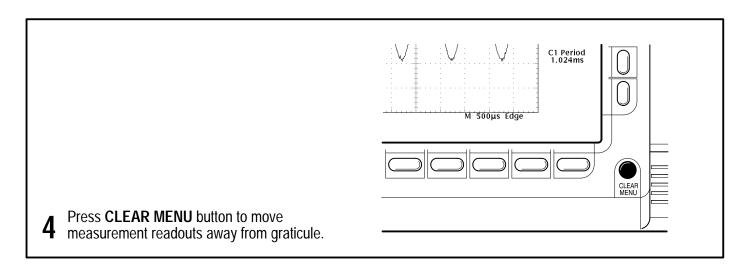




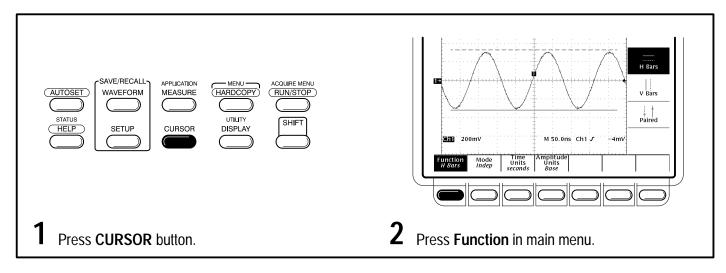
To Take Measurements Automatically:

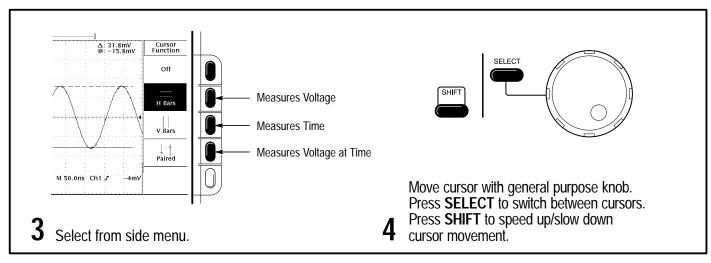




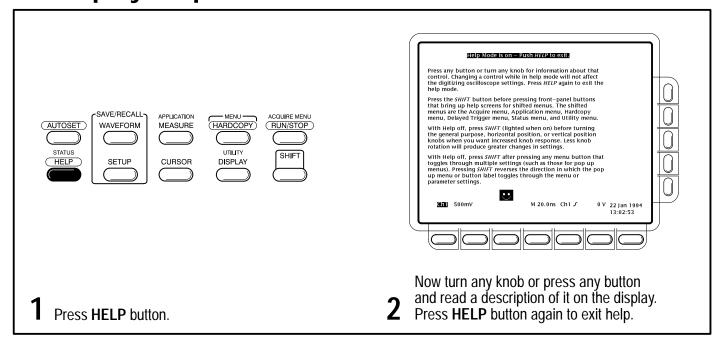


To Take Measurements With Cursors:



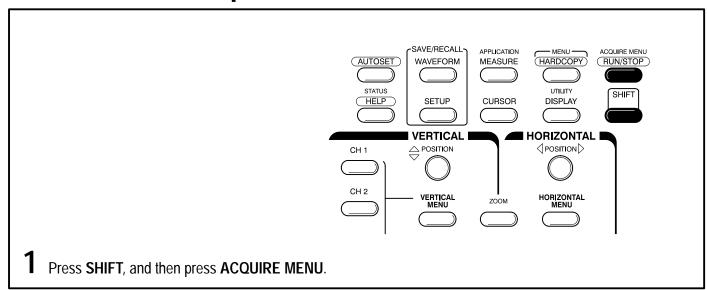


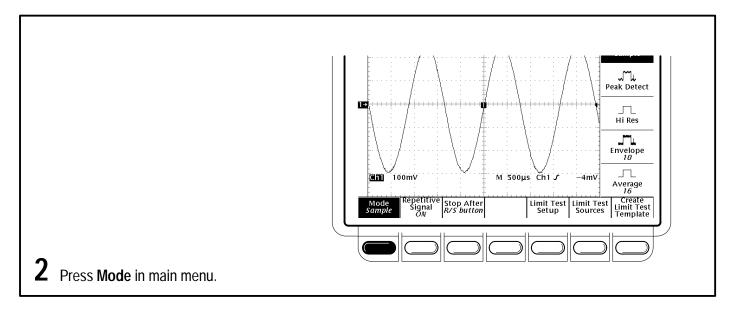
To Display Help On Screen:

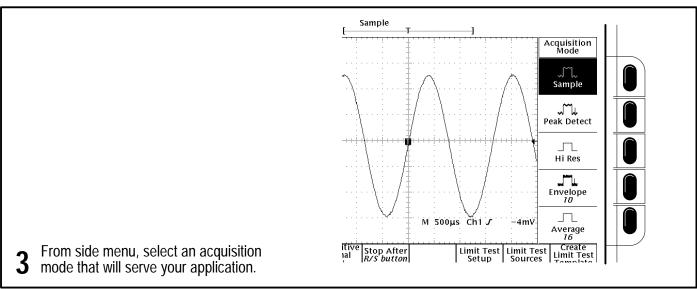


_		ТҮРЕ				ТҮРЕ											
<logic> CLASS CLASS</logic>				CLASS			<pul< th=""><th colspan="3">CLASS</th><th colspan="2">CLASS</th><th></th><th>TYPE <video> (Optional)</video></th></pul<>			CLASS			CLASS			TYPE <video> (Optional)</video>	
	Define Inputs	State> Define levels High, Low, or Don't Care for Ch 1 thru Ch 3		Select one of Ch 1 thru Ch 4 as the data source	Source	<glitch> Select any one of Ch 1 thru Ch 4</glitch>		Source	<runt> Select any one of Ch 1 thru Ch 4</runt>	Source	<width> Select any one of the Ch 1 thru Ch 4</width>		Source	<slew rate=""> Select any one of Ch 1 thru Ch 4</slew>		Source	Select any one of Ch 1 thru Ch 4
	Define	Select edge for the clock (always Ch 4)	Data	Do not select the same channel used as the clock source													
	Define Logic	AND ➡	Clock Source	Select one of Ch 1 thru Ch 4 as the clock source	Polarity & Width	Positive		Polarity	Positive 🏗	Polarity	Positive	<u> </u>	Polarity	Positive	1	Sync Polarity	Negative Sync
	Def	OR ₹			Polarity	Negative			Negative 15th		Negative	√		Negative			Positive Sync
		NAND =		Do not select the same channel used as the data source		Either	UV UV		Either][][fi					Either	1		
		NOR ₹				Width	+∧←										
	Set Thresholds	Set a threshold level for each of the pattern channels, Ch 1	Levels	Clock	Level	Level	_	Thresholds	Runt Upper Upper	Level	Level	_	Thresholds	High		Field/Line	Set video field and line number
	Set 1	thru Ch 3, and the clock, Ch 4.		Data 🔾					Runt Lower January					Low	<u>_</u>		
				Set levels or select preset levels based on TTL or ECL logic					Set levels or select preset levels based on TTL or ECL logic						or select vels based ECL logic		
	er When	Goes TRUE	d Times	Select and set the Setup Time	(Filter)		Accept Glitch	er When	Select trigger when any runt occurs or	er When	Within Limits	+ #	er When	Faster	/	Standard	NTSC
	Trigger Wh	Goes FALSE	Setup/Hold Tim	Select and set the Hold Time Select and set the Hold Time	ON	Reject Glitch	Trigger W	Select triggering when a runt wid- er than specified occurs ²	Trigger WI	Out of Limits	 	Trigger W	Slower	#	S	PAL	
											Set Low Upper L			Delta Time	#		HDTV
														Select fas or slower set delta t	than and		FlexFmt
									² Qualification by width					The oscill computes rate reado the delta threshold:	the slew out from time and		

To Choose an Acquisition Mode:







How the Acquisition Modes Work:

