

# OSCILLOSCOPE FLUKE



## mode SINGLE SHOOT (monocoup)

Pour acquérir un signal qui n'est pas périodique ou très basse fréquence, la synchronisation de l'oscilloscope Fluke doit être paramétrée en mode Single Shoot avec une attention particulière au réglage du niveau de synchronisation (Level).

accès au mode Single Shoot : bouton TRIGGER

### Setting Trigger Level and Slope

The Connect-and-View™ function enables hands-off triggering to display complex unknown signals.

When your test tool is in manual range, do the following:



Perform an auto set. **AUTO** appears at the top right of the screen.

Automatic triggering assures a stable display of virtually any signal.

From this point, you can take over the basic trigger controls such as level, slope and delay. To optimize trigger level and slope manually, do the following:

- 1 **TRIGGER** Display the **TRIGGER** key labels.
- 2 **F2** Trigger on either positive slope or negative slope of the chosen waveform.  
 In Dual Slope Triggering ( X ) the test tool triggers on both positive slope and negative slope.
- 3 **F3** Enable the arrow keys for manual trigger level adjustment.

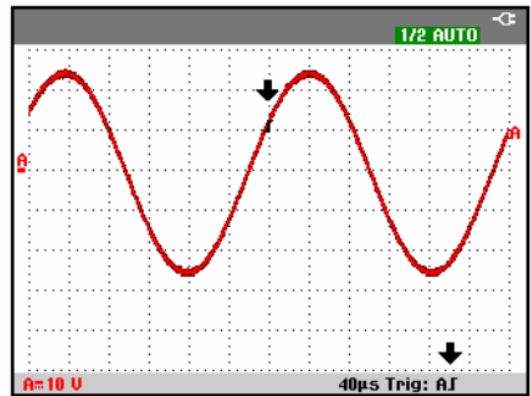


Figure 23. Screen with all Trigger Information

- 4 Adjust the trigger level.

Observe the trigger icon that indicates the trigger position, trigger level, and slope.

At the bottom of the screen the trigger parameters are displayed (See Figure 23). For example, **Trig: A↑** means that input A is used as the trigger source with a positive slope.

When a valid trigger signal is found, the trigger key will be lit and the trigger parameters appear in black.

When no trigger is found, the trigger parameters appear in gray, and the key light will be off.

<b>F2</b>	<b>déclenchement sur le front montant ou descendant</b>	
<b>F3</b>	<b>désactive le mode auto-level pour fixer le niveau de déclenchement manuellement.</b> Cela suppose que l'excursion du signal est connue, la voie A ou B, correctement paramétrée pour que le signal soit contenu dans la fenêtre.	
<b>F4</b>	<ol style="list-style-type: none"> <li>2 <b>F4</b> Open the <b>TRIGGER OPTIONS</b> menu.  </li> </ol>	<p>Choisir <b>On Edges</b> puis</p> <ol style="list-style-type: none"> <li>4  Select <b>Single Shot</b>.</li> </ol>
	<p>The word <b>MANUAL</b> appears at the top of the screen indicating that the test tool is waiting for a trigger. As soon as the test tool receives a trigger, the waveform is displayed and the instrument is set to hold. This is indicated by the word <b>HOLD</b> at top of the screen.</p> <p>The test tool will now have a screen like Figure 25.</p> <ol style="list-style-type: none"> <li>5 <b>HOLD RUN</b> Arm the test tool for a new single shot.</li> </ol>	

Figure 25. Making a Single Shot Measurement