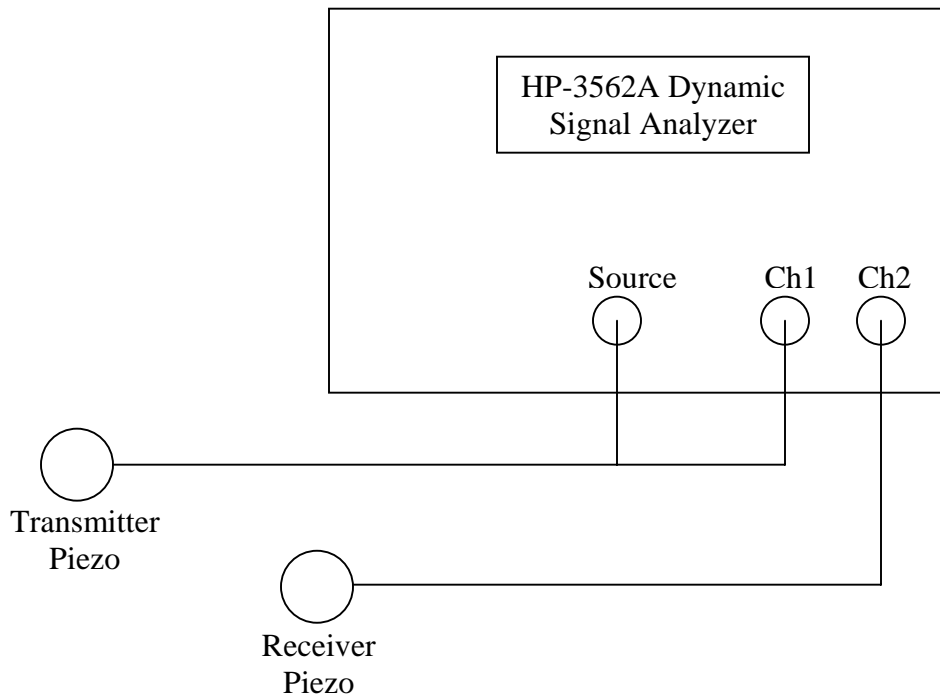


Cross-Correlation Measurements with the HP-3562A Dynamic Signal Analyzer



1. Define White Noise Source:

- a. **MEASUREMENT:** press **SOURCE** button
- b. **RHS CRT Buttons:** press **RANDOM NOISE** (if not already selected {= default})
- c. **RHS CRT Buttons:** press **SOURCE LEVEL**, use **ENTRY KEYPAD:** enter (e.g.) **1**
- d. **RHS CRT Buttons:** press **V** (for 1 Volt white noise amplitude)

2. Define Frequency Span:

- a. **MEASUREMENT:** press **FREQ** button
- b. **RHS CRT Buttons:** press **FREQ SPAN** button, use **ENTRY KEYPAD** enter (e.g.) **1**,
- c. **RHS CRT Buttons:** press **KHz** (e.g. for a frequency range of 0-1 KHz)

3. Define Cross Corellation:

- a. **MEASUREMENT:** press **SELECT MEAS** button
- b. **RHS CRT Buttons:** press **CROSS CORR** button
- c. **DISPLAY [SELECT DATA]:** press **MEAS DISP** button
- d. **RHS CRT Buttons:** press **CROSS CORR** button

4. Define # of Averages:

- a. **MEASUREMENT:** press **AVG** button
- b. **RHS CRT Buttons:** press **NUMBER AVGS** button,
- c. **RHS CRT Buttons:** use **ENTRY KEYPAD:** enter **1000** (e.g. for 1000 Avgs)
- d. **RHS CRT Buttons** press **ENTER**
- e. **RHS CRT Buttons:** press **STABLE (MEAN)**

5. CONTROL: press START button

- a. **MEASUREMENT:** press **SELECT MEAS** button
- b. **RHS CRT Buttons:** press **FREQ RESP** button