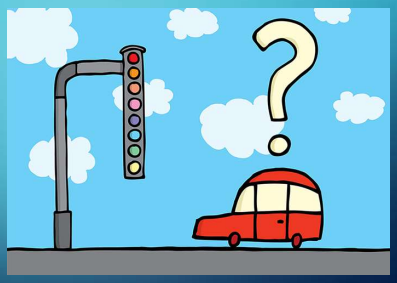
Summer Camp
Lets Communicate



By Jorge Amodio
@jamodio
Summer 2019

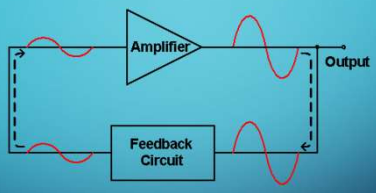
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Electronic Signals



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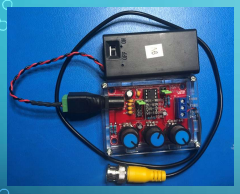
How we generate signals ?

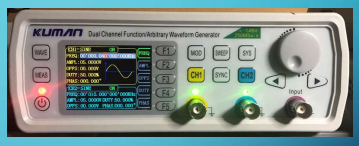


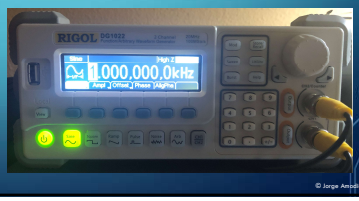
- Oscillator
- Signal/Waveform Generator
- Function Generator

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Signal/Function Generators

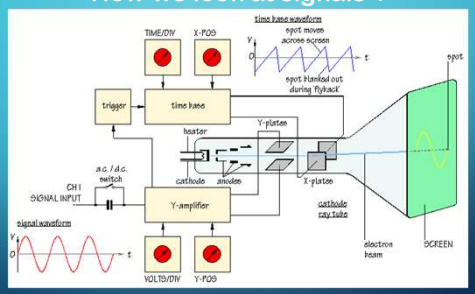






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How we look at signals ?

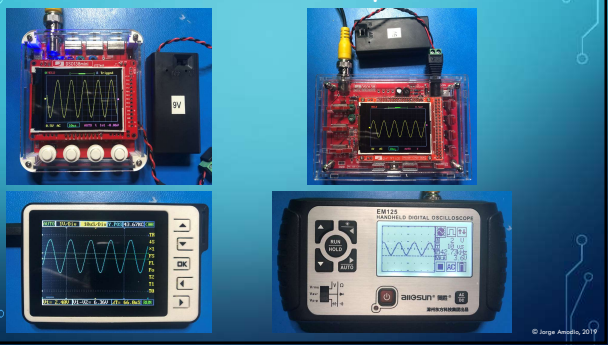


With an oscilloscope

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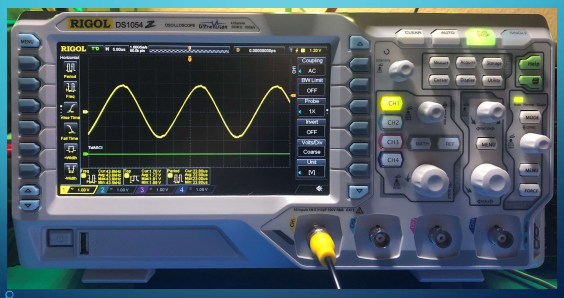


Low cost Oscilloscopes



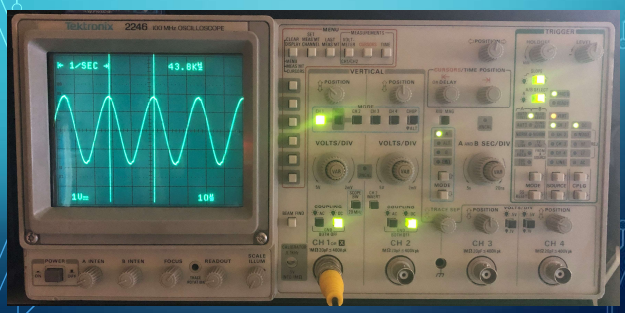
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Modern Entry Level Digital Oscilloscope



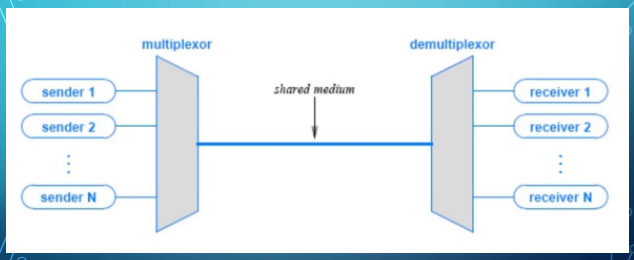
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Analog Oscilloscope



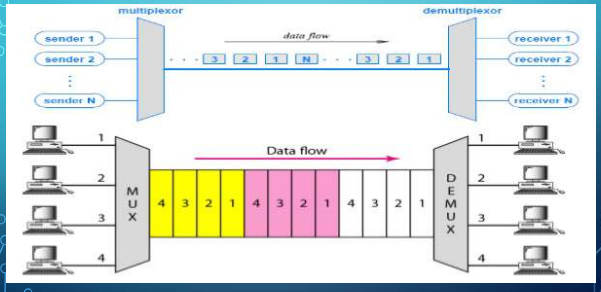
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Multiplexing



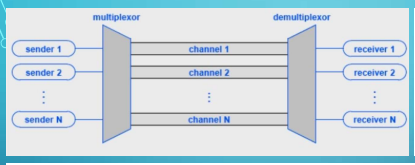
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Time Domain Multiplexing (TDM)

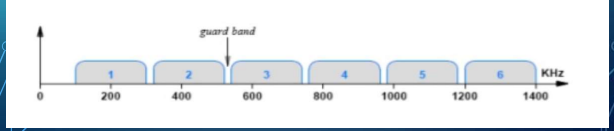


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Frequency Domain Multiplexing (FDM)

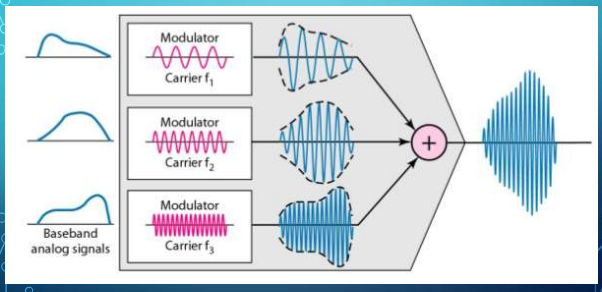


Channel	Frequencies Used
1	100 KHz - 300 KHz
2	320 KHz - 520 KHz
3	540 KHz - 740 KHz
4	760 KHz - 960 KHz
5	980 KHz - 1180 KHz
6	1200 KHz - 1400 KHz



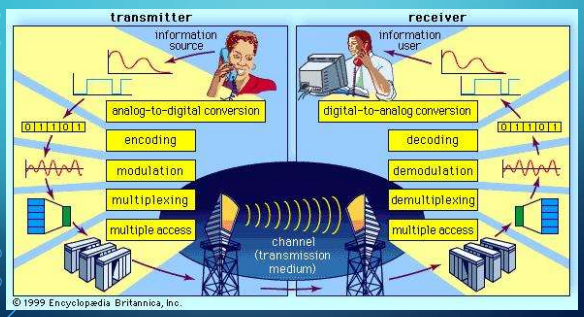
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FDM, How we do it ?



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The whole enchilada



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