

**AM/FM TRANSMITTER & RECEIVER SYSTEM**  
**KL-900C**

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AM Transmitter & Receiver



FM Transmitter & Receiver

**(1) KL-93061 AM Transmitter**

- With perfect AM Transmitter which is able to produce 1MHz.
- Work with AM receiver experiment modules for making the experiment of AM communication system.
- Basic experiment curriculum include:  
Crystal Oscillator, Modulator percentage, Sinewave / Voice Modulator, Balance Modulator, RF Amplifier, Adjust & Coupling, Antenna Adjust.

**(2) KL-93062 AM Receiver**

- AM Receiver frequency range: 535KHz-1605KHz
- Intermediate frequency: 455KHz
- Work with AM transmitter experiment modules for making the experiment of AM communication system.
- Basic experiment curriculum include:  
Oscillator Mixer, 1st IF Amplifier, 2nd IF Amplifier, Audio Amplifier.
- Equipped with DIP switch for fault simulation. Students can practice troubleshooting by setting the DIP switch to different positions.

**(3) KL-93063 FM Transmitter**

- With perfect FM Transmitter which is able to produce 10.7MHz Intermediate frequency.
- Work with FM receiver experiment module for making the experiment of FM communication system.

- Basic experiment curriculum include:  
Crystal oscillator, Frequency Modulator, RF buffer, Reference oscillator, Frequency Tachometer and Audio Modulator.

**(4) KL-93064 FM Receiver**

- FM Receiver frequency range: 88MHz-108MHz.
- Frequency is shown by 7 segment LED display.
- Basic experiment curriculum include:  
Tuner, FM IF Amplifier, FM MPX, Audio Amplifier.
- Equipped with DIP switch for fault simulations. Student can practice trouble shooting by setting the DIP switch to different positions.

**(5) CI-18001 Power Supply**

- Input : AC 110/220V
- Output :  $\pm 5V$ , 0.5A;  $\pm 12V$ , 0.5A

**(6) Module Description**

- 2mm gold plated plug.
- Components, symbol, block is silvered screen printed on fiber optic PC board. Circuit components are fixed on backside.
- Module could be fixed in the bright acrylic storage cabinet.

**(7) Accessory**

- Experiment manual
- Small type adjustable antenna.