

# TRANSMITTING KEY

To enable the transmission of Morse characters a key is employed connected in one lead to the transformer primary. When the key is pressed the A.C. circuit is closed; a high voltage is induced in the transformer secondary - the condenser being charged until the spark gap resistance breaks down. Oscillations are then created in the closed oscillatory circuit and induced in the aerial circuit from whence they are radiated into space. As soon as the key is released the A.C. circuit is broken and transmission ceases.

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