

OR

Plain Text Character e.g. "M"

Feed in the Message on Punched Tape



Electrical Impulse: "M"

Cipher Text "J"
Transmitted via High
Frequency Radio.

Lorenz sends Cipher Text "J"



## **Enciphering with Lorenz**

This diagram shows how Lorenz was used to <u>encipher</u> messages. To <u>decipher</u> a message, the process was reversed. The Lorenz at the receiving end would add the same key again so cancelling out the first key and leaving the plain text as shown below:

Plain Text + Key = Cipher Text + Key = Plain Text e.g. M + Q = J + Q = M

The plain text message would then print from the teleprinter on to punched paper tape or sticky tape.

See "International Teleprinter Code and Lorenz" section for

