In this world of telecommunications development is very rapid at all , directly or indirectly, will affect the development of the telecommunications system in Indonesia. Currently the radio is one medium of information that still use the frequency bands as a tool to search channels . The disadvantage of this is the current radio frequency interference between radios . Therefore the final project designed a device wlan network -based streaming radio .

In the end of the project created a streaming radio receiver where the radio network based wlan to be able to connect to the Internet . The radio uses the wifi dongle to search wlan network and use the raspberry pi as a center for controlling the functions of the radio . There is the interface for the LCD display radio channels that are in play and comes with a push button as a tool to operate the radio . Radio output is equipped with powered speakers

Of streaming radio devices is expected to be used to receive radio channels IP which is not limited (only limited by the amount of IP that will be in access) , can store 10 radio channels stream and the resulting sound quality is better than traditional radio .