This code is for controlling the functionalities of a music player, like controlling the volume and turning it on and off. It is used to program the Receiver-Controller circuit of the Music-Controller node. It makes the controller to check the receiver for any command.

When a command is received, it checks for its address, if the address matches. It starts decoding the command. After decoding the command it selects the appropriate Infra-red Transmission code to realize the command of the user. This Infra-red code is transmitted over the infra-red transmitter led and controls the functionality just like a remote control.

It also sends a pulse to the Transmitter-Feedback circuit of the Light-Controller node to send a feedback to the Central-HUB.