

RF Wireless Remote Switch – Receiver Technical Description

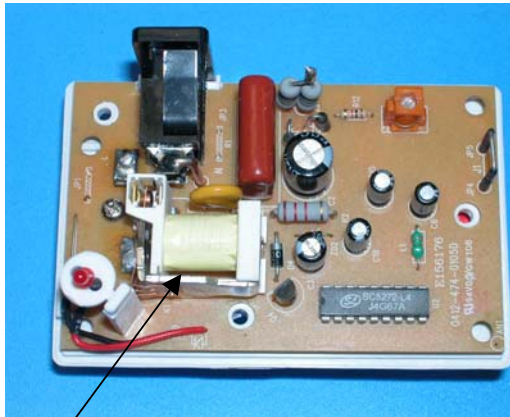
The receiver is an AC120V direct plug-in power switch unit. There is a power relay installed in the unit from which it is in series with an AC receptacle. The AC receptacle has power when the relay makes and breaks contacts upon receiving signal from the remote control unit.

The receiver consists of several parts, including RF AMP (Q1), DEMOD (Q2) Amp (U1), Remote Control Decoder (U2), Driver (Q3) and Output Stage (Q4).

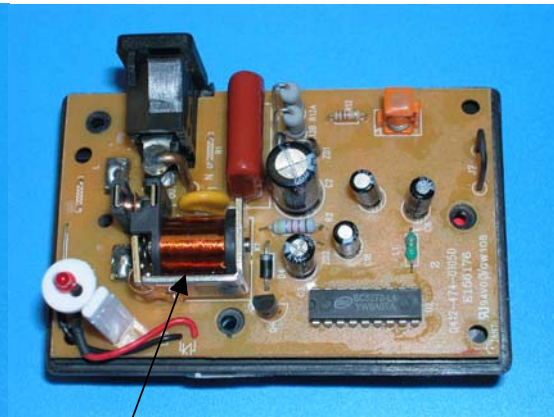
When a signal is received through the antenna, the RF AMP and DEMOD to retrieve the encoded signal. Then the signal will go through the Amp to Remote Control Decoder. It will decode a correct signal to make or break the relay contacts through the Driver in order to open or close the AC receptacle in the Output stage.

Technical difference

Alternative relay

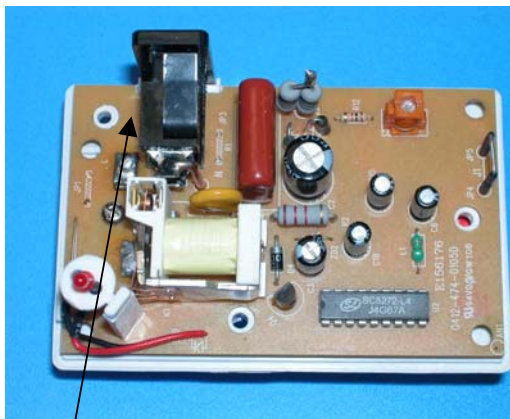


832-1A (Version 1)

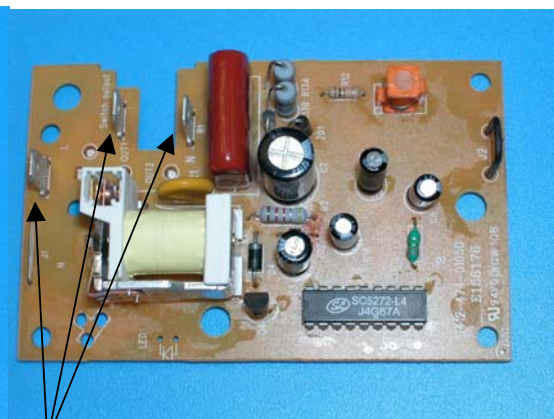


GU-124DM (Version 2)

Direct plug-in/ bare board versions



receptacle



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