

Oticon Radio Model - Quick Installation Guide

Radio Model Name: ITE 3M84

The ITE 3M84 radio model is a low power, inductive radio transceiver working at 3.84 MHz consisting of:

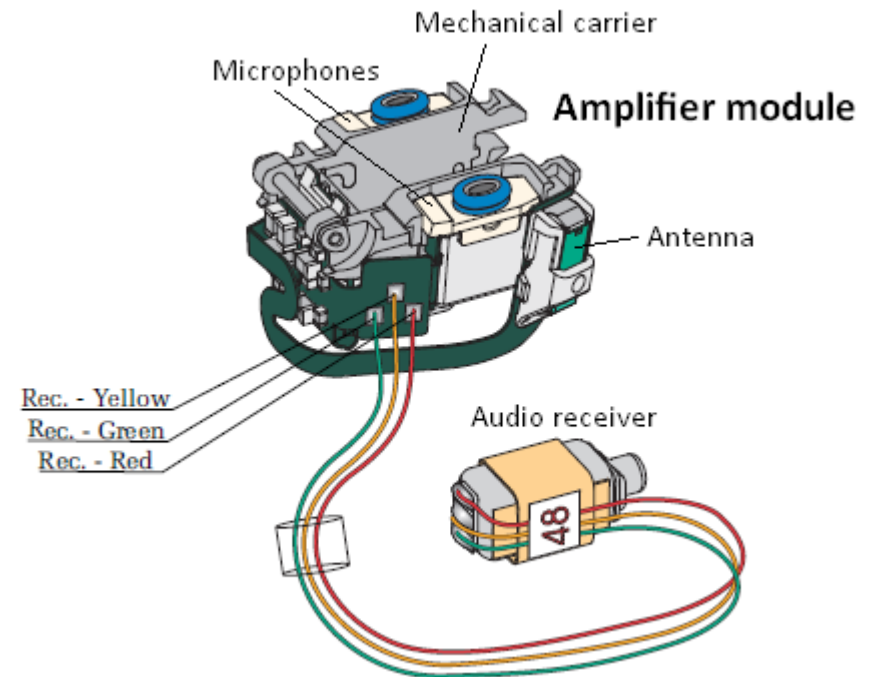
- a Digital-Signal-Processor (DSP)
- a radio Front-End (FE)
- memory
- antenna coil
- and smaller components

The DSP, FE, memory and smaller components are all mounted on a flexible Printed-Circuit-Board (PCB), which is connected to the antenna by another long and thin flex PCB. The FE is a complete radio transceiver, including both transmitter, receiver and local oscillators. All these components are kept in place by a mechanical carrier building up the amplifier, which is intended to be installed as a module into Oticon wireless hearing aid devices only.

The module also has all voltage regulators included inside the DSP and FE and buffered data programming inputs on the board.

The module requires a battery, one or two microphones and an audio receiver to be attached and must be mounted in an external plastic shell.

The module is depicted to the right with its main components and connections:



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FCC ID: U28FUIITE03

IC: 1350B-FUIITE03

NOTICE:

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.