

# Low-cost FM radio module (PAC 1407)



This radio is manufactured as part of a commercial product but has been adapted so that it functions as a free-standing module.

Note: Ensure the batteries make good contact with the battery box contacts. These might be slightly tarnished since they have not been protected in the normal production process. Ideally, the battery box supplied should be cut off and substituted with an AA size equivalent. This will reduce running costs.

Lay the module on an insulating surface and stretch out the coiled aerial wire vertically. Insert batteries and turn the slide switch to "on". Press the button marked "tune/select" and the radio will search for the nearest station. Momentarily pressing the button will cause the radio to search for the next station. (NOTE: the button must be pressed hard until it clicks – and there will be a very short delay before the station tunes in.) Pressing the reset button returns the radio tuning to the start of its tuning sequence.

The switches and the battery box can be replaced for convenience of operation and fitting into a new case. The sound quality can be greatly improved by substituting a larger (minimum 8ohm) loudspeaker.

Supplied by:

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