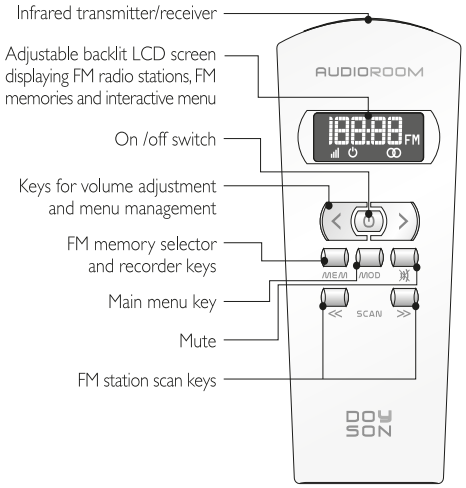
QUICK OPERATION GUIDE



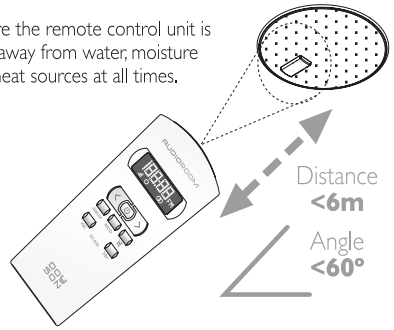
OPERATING REQUIREMENTS

It is important to remember that when controlling the AUDIOROOM the remote unit should always be pointed towards the IR receiver in speaker A. Also, the maximum distance between them does not exceed 6 meters to ensure optimal performance.

When the system is turned off by use of the remote unit, it remains on standby, keeping all the stored settings and quickly retrieving them when the system is turned on again.

When the system is switched on, the LED in speaker A, will be illuminated.

Ensure the remote control unit is kept away from water, moisture and heat sources at all times.



STEP BY STEP USER'S GUIDE

1.- SWITCH ON / OFF
Press the ON/OFF key ⏻ to switch on and off the system. While the system is switched on, the LED placed on the receiver speaker will be illuminated.
When the system is switched on the last radio station and audio levels will be displayed on the LCD screen.

2.- VOLUME ADJUSTMENT
Press the < or > keys to turn the volume up or down in a scale of 30 steps.

3.- IDEAL LEVEL OF VOLUME
Press both < and > keys at the same time and the volume level will be automatically adjusted to level 12.

4.- FM RADIO FUNCTIONS
4.1.- AUTOMATIC RADIO STATION SCAN
Press and hold the >> or << keys to scan up or down respectively. The symbol **FM** will flash on the screen while running a search and similarly the frequency will be showed.

4.2. MANUAL FREQUENCY SELECTION
Give a short press to >> or << keys to search up or down for a new station.

4.3. MEMORY RECORDING
Press >> or << scan key to select the frequency to be stored in the memory. Then press the **MOD** key twice to go to the "FM STORE" option in the menu. Select the memory number (from 1 to 9) where you want to save this frequency by using the < or > key. Finally press and hold the **MEM** key for 2 or 3 seconds to lock-in the chosen station.

4.4. MEMORY SELECTION
Once we have the radio stations stored on the system, press repeatedly the **MEM** key to scroll through the different memories starting from the last selected one.
Alternatively you can press the **MOD** key to choose the "FM SELECT" function on the general menu and then select one of the 9 pre-set memories using the < or > key.

5.- SOUND ADJUSTMENTS
Press repeatedly the **MOD** key to select the parameter to be adjusted (bass, treble, balance, stereo, mono or loudness). Then use the < or > key to adjust the desired level.

6.- BACKLIGHT LCD SCREEN ADJUSTMENT
Press repeatedly the **MOD** key to select "LCD LIGHT". Then press the < or > key to adjust the desired level from 0 to 15.

7.- "POWER SAVE" FUNCTION
This function allows you to control the off time of the LCD display and the stand by of the electronic components to make the batteries last longer.
Press repeatedly the **MOD** key to select the "POWER SAVE" function and adjust from 5 to 90 sec. using the < or > key.

8.- ADJUSMENT OF AUDIO GAIN
Press repeatedly the **MOD** key to select the "FM GAIN" function and then adjust this level from 0 to 4.

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AUDIOROOM

User Guide

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AUDIOROOM KIT DESCRIPTION

The AUDIOROOM kit is a full sound system with FM tuner specifically designed to be installed in kitchens, bedrooms and bathrooms. It is a simple and easy solution to enjoy the built-in sound at home.

The AUDIOROOM kit consists of three elements: Infrared remote unit, twin 3,5" speakers and an electronic module that is concealed in the ceiling.

The remote control unit is made with UV protection that avoids colour deterioration. It also has an attractive design and is intuitive to use. Its LCD display provides access to the menu through which all audio and FM functions are controlled. Power save function for longer lasting of batteries.

The speakers have stylish, low height aluminium grilles. One has a built-in transmitter/receiver that communicates with the remote control unit. Low nominal impedance (8 ohm) for more powerful performance.

The systems performance makes the AUDIOROOM an indispensable reference when considering installing background sound in the home, office or retail outlet.

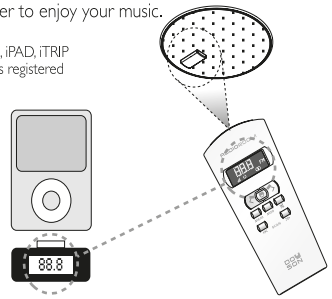
LISTEN TO MUSIC STORED IN YOUR iPOD, iPHONE or iPAD THROUGH THE AUDIOROOM SPEAKERS

The AUDIOROOM system enables you to listen to your stored music by using an additional plug in FM transmitter.

USAGE

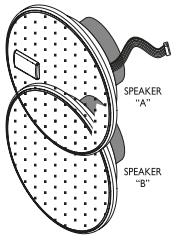
1. Attach the FM transmitter to your iPhone / iPod / iPad and play music.
2. Tune your AUDIOROOM FM radio receiver to an unused (blank) frequency channel and adjust the volume.
3. Set the frequency of the FM transmitter to the same frequency as your receiver to enjoy your music.

* iPOD, iPHONE, iPAD, iTRIP are their owners registered trademarks.



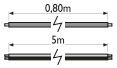
AUDIOROOM KIT COMPONENTS

ELECTRONIC MODULE:
Power supply: 230/240 Vac
FM tuner
1.5+1.5W stereo amplifier
DSP audio (bass, treble, loudness…)
Infrared connector



SPEAKERS
3.5" speaker
Nominal impedance: 8☐
RMS power: 10W
Material: Aluminium and ABS plastic
Speaker "A" has a built-in infrared transmitter/receiver
Direct fixing into ceiling
Dimensions:
Ø External: 120 mm
Ø Cut out: 105 mm

MULTIFUNCTION IR REMOTE UNIT
Power supply: Two AAA batteries
Power save function
Backlit LCD display
Bi-directional infrared transmission
Ergonomically designed remote control
Material: White ABS plastic with UV protection
Dimensions: 119x52x28 mm

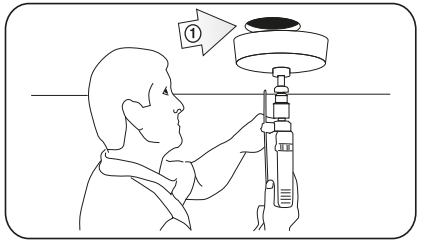


CABLES:
Aerial (Ø 0.25mm): 0.80m
Red/black parallel cable: 5m
(Ø 0.50mm) for speaker connection

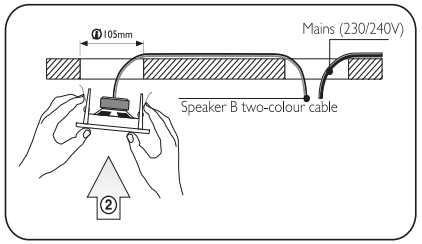
ACCESSORIES
Adhesive metal base for remote unit wall-mount.

TECHNICAL SPECIFICATIONS

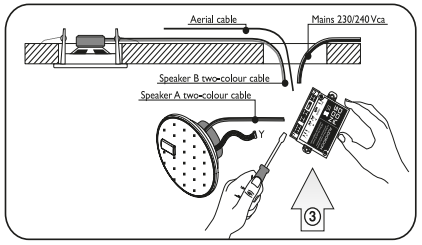
Power supply: 230/240 Vac (Acceptable range 100-250 Vac)
Stand-by power consumption: <40 mA
Operational power consumption at maximum power: <500 mA
RMS power: 1.5+1.5W
Nominal impedance: 8Ω
Frequency response: 40 Hz – 20 KHz
FM tuner sensitivity: 87.5 – 108 MHz
FM memories: 9
Total Harmonic Distortion TDH (1KHz): <1% RMS Power 3W



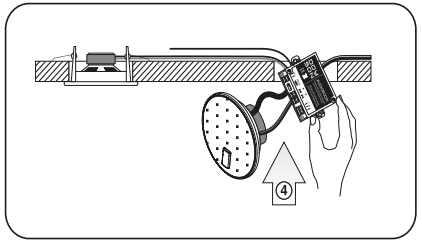
1st .- Make holes in the false ceiling.
First of all choose the ideal location for the speakers and the electronic equipment bearing in mind that the cable supplied as an aerial must be kept far from electronic sources like halogen down lights, etc to avoid any interference. Then proceed to make the cut-outs in the ceiling (Ø105mm).



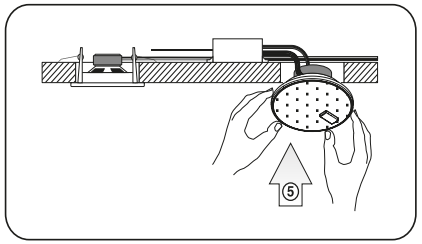
2nd.- Run the cables through the ceiling.
Take the end of the longest supplied two-colour cable to the same hole that you also have taken the mains cable (230/240V). This two-colour cable belongs to the speaker "B" (the one that does not carry the infrared transmitter/receiver) which is the first one that should be installed.



3rd.- Connect the electronic module.
Connect all the kit cable ends to the electronic module on the corresponding terminals referenced on the AUDIOROOM KIT COMPONENTS chapter.



4th.- Place the electronic module into the ceiling.
Insert the electronic module through the speaker "A" celing cutout and place it about four inches from the edge of the hole.



5th.- Complete the installation successfully.
Place the speaker "A" (the one that carries the infrared transmitter/receiver) and use the remote control unit to check that the system works correctly.

GENERAL SAFETY RULES

Before installing the AUDIOROOM kit is important to read carefully and follow the instructions provided by the manufacturer in this section. If you encounter any difficulty or have doubts about the system installation or operation you can visit the website www.doyson.com where you will find contact details for technical assistance.

IMPORTANT:
- If you are cutting speaker holes into a ceiling void you may need to fit fire-hoods to meet the existing UK building regulations, if in doubt check with your electrician.
- Follow carefully the manufacturer's instructions to avoid danger of fire, electric shock or malfunctions in electrical systems.
- Do not open or disassemble any of the elements supplied with the kit.
- Do not install the system near any heat sources such as radiators, stoves, etc.
- Use only the fixtures and fittings supplied by the manufacturer.

The manufacturer is not liable for damages and/or accidents caused by misuse or incorrect product handling not described the user's installation guide.