

# S 200 FM USER MANUAL



**HOW TO SWITCH ON AND OFF THE CONTROL MODULE:**  
Press the control module on/off key. The display will light up and either the radio station number or the time will be shown on it. Press again the on/off key to switch the control module off.

**SELECTION OF CHANNEL 1, FM RADIO AND AUXILIARY AUDIO INPUT:** Press repeatedly the FM/CH key to select the audio channels, the FM radio or the auxiliary audio input. The selected audio source will shown on the display.

**GENERAL SYSTEM ON/OFF:** Pressing simultaneously the on/off and > keys all the control modules of the multiroom system will switch on while a flashing "ON" will be shown on the display. Pressing simultaneously the on/off and < keys all the control modules of the multiroom system will switch off while a flashing "OFF" will be shown on the display.

**CONTROL OF BASS, TREBLE, BALANCE AND 3D-SOUND:** While the control module is on, press repeatedly the MOD key until the feature you want to adjust is shown on the display. Then use the keys < and > to regulate the function.

**TIME SETUP:** Either when the control module is on or off, press repeatedly the MOD key until the function "SET" is shown on the display. Set the time using the < > keys. Once the time is set in one module, the rest of control modules will automatically be synchronized.

**AUTO OFF SETUP:** While the control module is on, press repeatedly the MOD key until the "AUTO OFF" function is shown on the display. The time countdown for automatic disconnection will set by pressing the on/off key repeatedly (time will increase in intervals of 15 minutes) or using the < > keys (time will increase in intervals of 1 minute).

**AUTO ON SETUP:** While the control module is off, keep pressed the on/off key until the "AUTO ON" function is shown on the display. The time countdown for automatic connexion will set by pressing the on/off key repeatedly (time will increase in intervals of 15 minutes) or using the < > keys (time will increase in intervals of 1 minute).

**SLEEP MODE:** While the control module is on, press repeatedly

the MOD key until the function "SLEEP" is shown on the display. The switch off time can be set by pressing the on/off key repeatedly (time will increase in intervals of 15 minutes up to 90 minutes) or using the < > keys (time will increase in intervals of 1 minute).

Another way to activate this function is by keeping pressed the on/off key during 3 seconds while the control module is on. When the "SLEEP" mode is shown on the display, the switch off time can be set by pressing the on/off key repeatedly (time will increase in intervals of 15 minutes) or using the < > keys (time will increase in intervals of 1 minute).

**FM FUNCTIONS :** To turn the FM tuner on firstly switch the control module on. Press the FM/CH key. The latest selected radio station will be shown on the display.

**Automatic scan:** Once the FM function is already selected, press shortly the FM/CH key. The FM symbol on the display will start flashing. A long push to the > key will make an automatic upward scan. A long push to the < key will make an automatic downward scan.

**Manual step by step scan:** Once the FM function is already selected, press shortly the FM/CH key. The FM symbol on the display will start flashing. A short push to the > key will make a 0.1 MHz step by step upward scan. A long push to the < key will make a 0.1 MHz step by step downward scan.

**Radio station memories:** Once you have selected the radio station you want to memorize, press twice the MOD key. The function "FM STORE" will show on the display. Choose the memory number where you want to memorize the radio station by using the < > keys. Then press the MOD key to validate. The operation can be repeated for the rest of memories.

**Selection of pre-set stations:** Once the radio stations are memorized as per the paragraph above, press the MOD key. "FM SELECT" will show on the display. The pre-set stations can be selected by using the < > keys.

**ALARM CLOCK SETUP:** Either when the control module is on or off, press repeatedly the MOD key until the "ALARM" function is shown on the display. Using the < > keys the alarm time can be set. Immediately after the alarm mode (FM, CH, IN or BEEP) can be chosen by pressing the lower key on the right hand side. The alarm clock volume can be also preset using the < > keys. A small bell symbol on the display will show the alarm clock is on.

To switch off the alarm clock when ringing just press any key. To deactivate the alarm clock function press repeatedly the MOD key until the "ALARM" function is shown on the display. Immediately after press repeatedly the lower key on the right hand side until "ALARM OFF" is shown on the display. The bell symbol will not appear on the display any more. The control module memorizes the last alarm clock setting if no new features are introduced.

**MICROPHONE FUNCTIONS:** General calls: While the control module is on, press shortly the MIC key. Immediately after "CALL" will be shown on the display, speak and press again the MIC key to hang up. The rest of control modules will show on their displays the zone number that is calling during the incoming call.

**Zone calls:** While the control module is on, keep pressed during 2 seconds the MIC key. Immediately after "CALL 1, 2... 'c9" will be shown on the display. Use the < > keys to chose the zone to call. Then press the MIC key to start talking. Press again the MIC key to hang up.

**Baby-phone:** While the control module is off, press the MIC key. "BABY ROOM" will appear on the display. Activate or deactivate this function using the < > keys. Once the first baby room is activated the control module in the listening area must be also activated. With the listener control module off, press twice the MIC key. "PARENT" will shown on the display. Then use the < > keys to activate or deactivate the listening function. Up to 5 baby rooms and 5 listening areas can be selected to be working simultaneously.

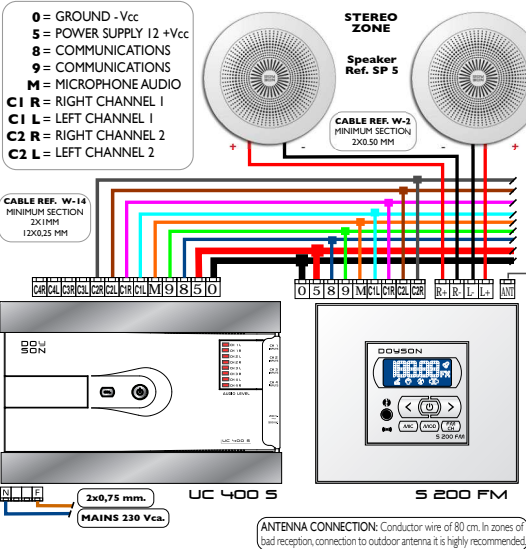
**DO NOT DISTURB MODE:** Either when the control module is on or off, press repeatedly the MOD key until "DONT DISTURB:OFF" is shown on the display. Press the > key to activate the "do not disturb" function. "DONT DISTURB:ON" will be shown on the display. From that moment the control module will not receive any call.

To deactivate this function, repeat the operation and press the key < "DONT DISTURB:OFF" will be shown on the display and from that moment the "do not disturb" mode will be deactivated.

**AUXILIARY AUDIO INPUT (IN):** Connect the audio player jack in the audio socket. Press the FM key until "IN" is shown on the display.

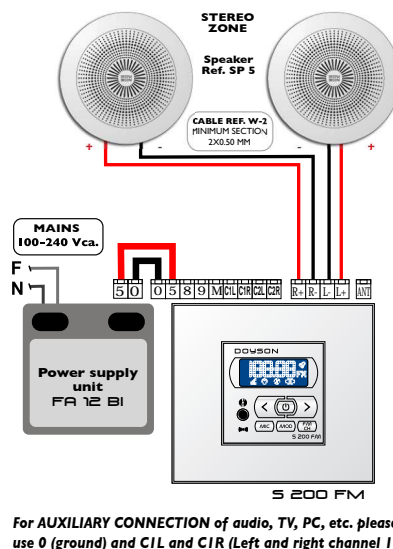
## WIRING DIAGRAM FOR S 200 FM CONTROL MODULE AND UC 400 S CENTRAL UNIT

### System with central unit



## SERIES S

### System with power supply unit



[www.doyson.com](http://www.doyson.com)

### S 200 FM Technical characteristics

Nr. of channels.....	2 stereo channel
Amplifier.....	1.5+1.5W stereo
Minimum load impedance.....	8 ohms
Power supply.....	12Vcc/330mA
Stand-by power consumption.....	25mA
Operational power consumption.....	69mA
Connectors.....	Strip terminals
Dimensions.....	44 x 44 x 36mm depth

**NOTE:** The UC 400 S supports a maximum of 10 sound control modules and a maximum distance of 100 mts. of cable to the last element to be controlled. For higher installations, power supply units or a more powerful central unit would be required.

#### HOW TO PROGRAM THE SYSTEM:

- Once all the system units are already installed, a zone number must be assigned to each control module as follows: 1st.- Keep the keys < > pressed during 4 seconds. The number "1" will be shown on the displays of every control module.
- 2nd.- Choose the control module you want to be the "zone 1" and press the On/Off key. The number "1" will be memorized as a zone number in that control module.
- 3rd.- Now the rest of control modules will show the number "2" in their displays. Choose again which control module you want to be the "zone 2" and press the On/Off key of that module.
- 4th.- Repeat the process as many times as control modules/zones are in the installation.
- 5th.- Once the zone assignment is finished, keep the control module on/off key pressed during 4 seconds in order to leave the "assignment zone mode".

