S 10 FM BT USER MANUAL

Nr. of channels....................................1 stereo channel
Amplifier...1.5+1.5W stereo
Bluetooth...A2DP transmission protocol
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

- ⏻ ON/OFF AND SLEEP KEY
- BICOLOR LED: Channel (red) and Bluetooth (blue) indicator
- < > VOLUME CONTROL KEYS
- FM TURNER, BLUETOOTH SELECTOR
- UPWARD/DOWNWARD RADIO STATION SEARCH
- ∩ HEADPHONE SOCKET
- AUXILIARY AUDIO INPUT

DOYSON
SON
Sound & Home
Automation

CONTROL
MODULE WITH
🅑 BLUETOOTH

S 10 FM BT

www.doyson.com
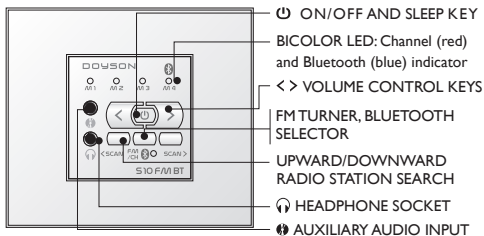
HOW TO SWITCH ON AND OFF THE CONTROL MODULE: Press the control module on/off key. The FM/CH two-colour led will light up to show the control module is on. Press again the on/off key to switch the control module off.
SELECTION OF CHANNEL 1, FM RADIO AND PRE-SET RADIO STATIONS: Press the FM/CH key to select the channel 1, FM radio or M1, M2, M3 and M4 pre-set radio stations. The two-colour led will light up in green colour when the selected function is channel 1. It will light up in red colour when the FM radio is the selected function. The leds for M1, M2, M3 or M4 will light up when the selected function is any pre-set radio station.
RADIO STATION SCAN: Select the FM radio function. Press the scan> key for automatic upward radio station search. Press the <scan key for automatic downward radio station search. The automatic scan stops when a new radio station is found.
FM RADIO STATION MEMORIES (M1, M2, M3 AND M4): When listening the radio station you want to memorize, keep pressed the FM/CH key during 2 or 3 seconds. The M1 led will start flashing. Use the <scan and scan> keys to select the memory where your want to store the radio station. Keeping pressed again the FM/CH key during 2 or 3 the radio station will be stored. The corresponding memory led will flash quickly to confirm this action. Repeat these steps for the rest of memories.
GENERAL SYSTEM ON/OFF: Pressing simultaneously the on/off and > keys all the control modules of the multiroom system will switch on.
Pressing simultaneously the on/off and < keys all the control modules of the multiroom system will switch off.
VOLUME CONTROL: While the control module is on press the > key to turn the volume up and the < key to turn the volume down.
SLEEP MODE While the control module is on, press the On/Off ⏻ key to program

the switch off time. Time will increase in intervals of 15 minutes up to 60 minutes. The channel in use led will flash every time the On/Off ⏻ key is pushed and the switch off time increases 15 minutes. Once the sleep function is on, the On/Off ⏻ led will flash every 7 seconds as many times as periods of 15 minutes are left for the switch off time. To deactivate, keep the On/Off key pressed during 2 or 3 seconds.
HEADPHONE SOCKET: Connect the headphone jack in the control module headphone socket. The loudspeakers will stop sounding and music will come from the headphones. When the headphone jack is disconnected form the headphone socket the speakers will start singing again.
AUXILIARY AUDIO INPUT (IN): Connect the audio player jack in the audio socket. Automaticaly the main audio program will stop and the cd player, MP3, etc connected to the socket will be listened. When the audio player jack is disconnected from the audio socket, the main audio program will be listened again.
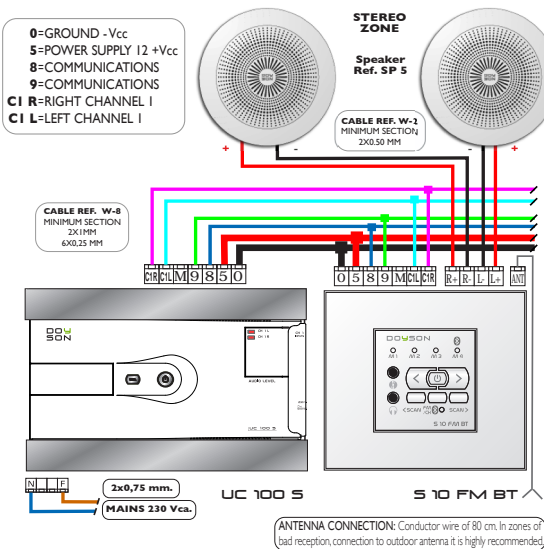**CALL RECEPTION:** While the control module is on, calls from any control module with built-in microphone can be received. The call volume can be adjusted pressing the < > keys. The call volume is independent from the program volume and will memorized by the control module.
🅑 BLUETOOTH CONNECTION (CODE: 0000) While the control module is on, press shortly several times the 🅑 key until the **blue led** lights up. Then keep the key hold for a few seconds until the led starts flashing. Now you have a minute to search **'DOYSON+xxxxxx'** on your device, select it to pair them and enter the **code 0000** to activate the **Bluetooth** connection. For future occasions you only will need to connect from your mobile with the desired zone, even when the control module is off.
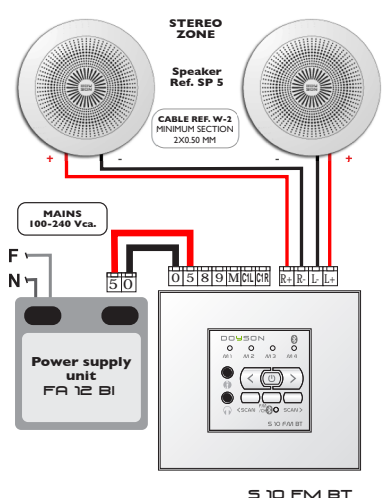
WIRING DIAGRAM FOR S 10 FM BT CONTROL MODULE AND UC 100 S CENTRAL UNIT

SERIES **S**

System with central unit

System with power supply unit

0=GROUND - Vcc
5=POWER SUPPLY 12 +Vcc
8=COMMUNICATIONS
9=COMMUNICATIONS
C1 R=RIGHT CHANNEL 1
C1 L=LEFT CHANNEL 1

STEREO ZONE

Speaker Ref. SP 5

CABLE REF. W-1
MINIMUM SECTION
2X0.50 MM

CABLE REF. W-8
MINIMUM SECTION
2X1MM
6X0,25 MM

STEREO ZONE

Speaker Ref. SP 5

CABLE REF. W-2
MINIMUM SECTION
2X0.50 MM

MAINS
100-240 Vca.

Power supply unit
FA 12 BI

UC 100 S

S 10 FM BT

S 10 FM BT

N L F 2x0,75 mm.
MAINS 230 Vca.

ANTENNA CONNECTION: Conductor wire of 80 cm. In zones of bad reception, connection to outdoor antenna it is highly recommended

For AUXILIARY CONNECTION of audio, TV, PC, etc. please use 0 (ground) and C1L and C1R (Left and right channel 1)

NOTE.- The **UC 100 S** supports a máximum 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.
Connect the 'M' in case of mixed systems where units with call function have been installed (control modules with microphone or CN500 microphone desk)

SYSTEM PROGRAMMING

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 leds of every control module will be flashing at this point.
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 leds flashing. Choose again which control module you want to be the "zone 2" and press the on/off key of that module. Repeat the process as many times as control modules/zones are in the installation.
4th- Once the zone assignment is finished, keep the control module on/off key pressed during 2 or 3 seconds in order to leave the "assingnment zone mode".