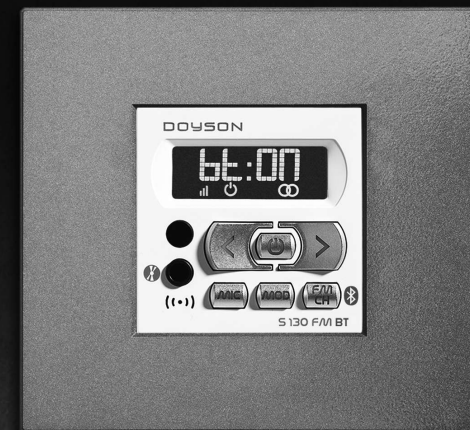


# DOY SON

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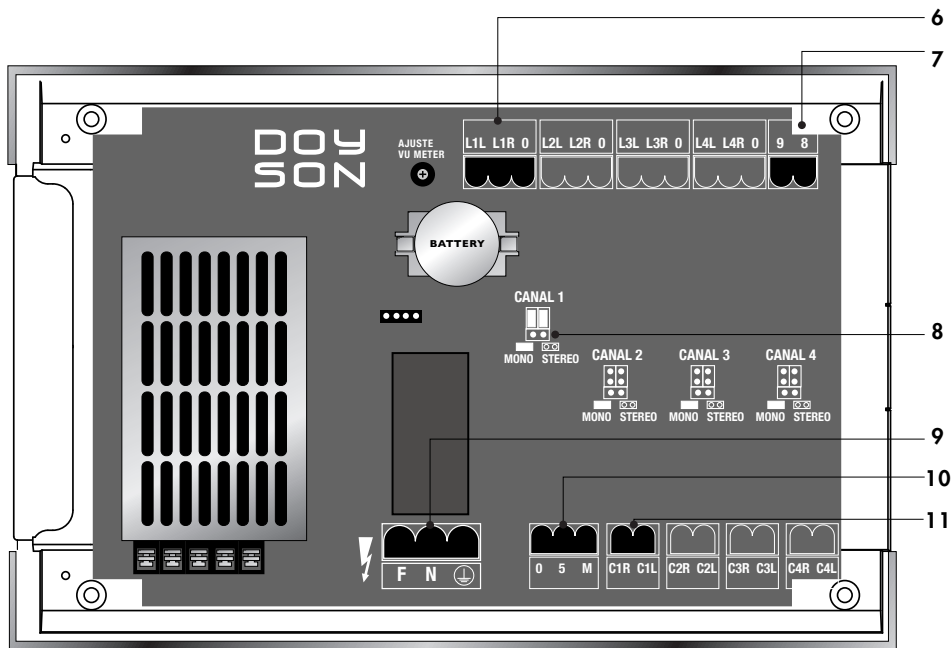
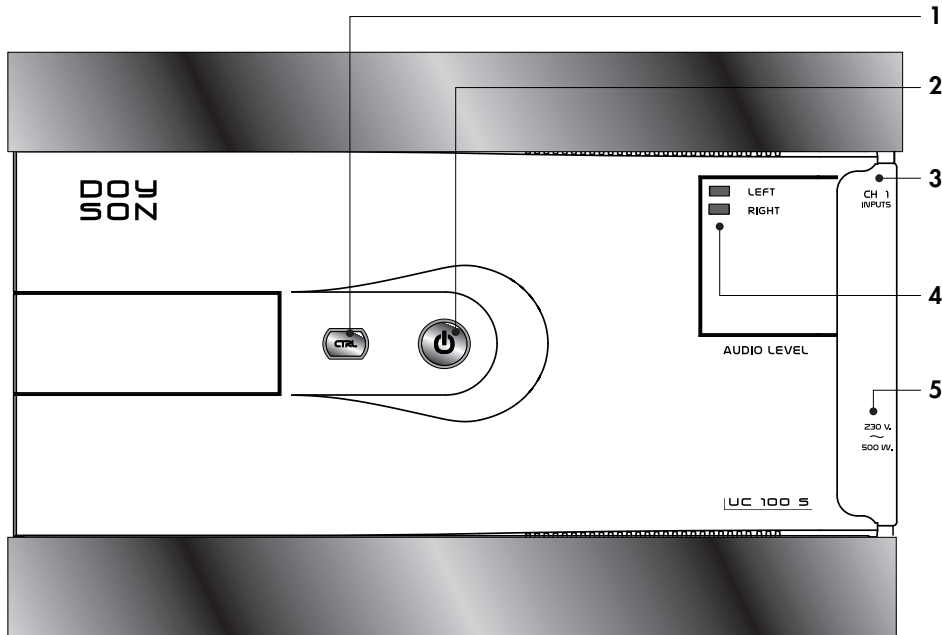
## USER MANUAL

JANUARY 2018 edition

# Series S

# DOY SON

Sound & Home  
Automation



**FRONT DESCRIPTION**

- 1 CONTROL KEY**  
- Manual On/Off of the built-in mains socket.
- 2 ON/OFF KEY**  
- General system On/Off.  
- Automatic control of audio gain.
- 3 RCA AUDIO CHANNEL INPUTS**  
- Audio sources connection: CD player, MP3 player, PC...  
- One and four channel versions.
- 4 AUDIO INPUT LEVEL LED INDICATORS**  
- Two led indicators per program (right channel and left channel).
- 5 BUILT-IN SOCKET**  
- 230V built-in socket (500w max.)

**REAR DESCRIPTION (CIRCUIT)**

- 6 CONNECTION OF AUDIO SOURCES BY TERMINALS**  
- Use these connectors if the audio source is far from the central unit. If you use these inputs, you should not connect any other source to the RCA inputs on the side.
- 7 TERMINAL FOR SYSTEM COMMUNICATIONS**
- 8 PINS FOR MONO/STEREO SELECTION**  
- To change the audio to MONO mode, place the jumper on the indicated pins.
- 9 230VAC power supply terminal. Phase, neutral and ground.**
- 10 0=GROUND-Vcc  
5=POWER SUPPLY 12VDC  
M=MICROPHONE AUDIO**
- 11 C1R=CHANNEL 1 RIGHT  
C1L=CHANNEL 2 LEFT**

**DIMENSIONS:** 150 mm height / 235 mm length / 42 mm width / 35mm height above the wall

**TECHNICAL SPECIFICATIONS:**

- Power supply: 230VAC 50/60Hz
- Output voltage: 12VDC
- Output current: 2.1A
- Max. working power: 25W\*
- Stereo built-in amplifier: 2W + 2W
- Audio input max voltage: 1.5V RMS
- Self-protection: Electric overloads and short circuits
- Energetic efficiency: 82%
- Built-in socket maximum power consumption: 500W.

\* UC 110 and UC 410 models have a max. working power of 60W.

**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. All the control modules with screen will show the number '1' on their displays (led lights will flash in all control modules without screen)  
 3rd.- Now the rest of control modules with screen will show the number '2' in their displays (led lights will keep flashing in the rest of control modules without screen pending of zone assignment). 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".

**AUTOMATIC CONTROL OF AUDIO GAIN**

All Doyson Series S central units are provided with electronic adjustment of audio gain which is destined to solve the problem of different levels of input signals in CD players, MP3, computers, etc when connected to the central unit.  
 When the input signal is too high, the central unit checks it and automatically makes an adjustment taking the signal to the ideal level, giving the maximum power without any alteration.  
 When the input signal is too low, a manual adjustment of the audio gain must be done pressing the central unit on/off key during 4 seconds. The audio signal automatically will be amplified so the maximum power is sent to the control modules.

**HOW TO DISCONNECT THE AUTOMATIC CONTROL OF AUDIO GAIN:**

Keep pressed the CTRL key for a few seconds and the On/Off key will start flashing. Then connect the audio source and hold down the On/Off key again. To return to automatic mode, press and hold the CTRL key for a few seconds.