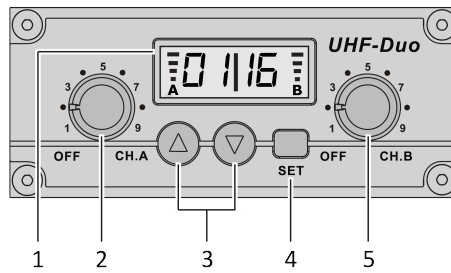




## MULTIFREQUENCY UHF DUAL RECEIVER MODULE



### CONTROL PANEL

1. Display to indicate the channel, the radio frequency and the signal strength.
2. ON/OFF switch and volume control for the received audio signal on channel A.
3. Arrow Keys:
  - To activate automatic channel assignment (long press).
  - To briefly show the currently selected frequency (short press).
  - To select the receiving channel if in manual setting mode.
4. SET Button: enables the setting mode for the receiving channel and confirms the channel selection.
5. ON/OFF switch and volume control for the received audio signal on channel B.

### OPERATION

#### Power ON/OFF:

1. Turn on the receiver module by turning the ON/OFF switch for channel A and/or B (2)/(5) clockwise. The display (1) will show the receiving channels.

#### Manual channel setting:

1. Keep pressed the SET (4) button to activate the channels setting mode.
2. The channel A number will start blinking, use the arrow keys (3) to select the desired channel.
3. Confirm the channel A selection by pressing the SET button.
4. The channel B number will start blinking, use the arrow keys to select the desired value. Channel A and B cannot be assigned to the same radio frequency.
5. Confirm the channel B selection by pressing the SET button.  
If the choice is not confirmed within 10 seconds, the receiver module returns to the previously set channels.

#### Automatic channels setting:

- Keep both arrow keys (3) pressed for more than 1 second. The display (1) will show the message "SCAN" and the A and B channels will be automatically assigned to two unused channels.
- To perform an automatic search on channel A only, keep pressed the arrow key "up" for more than 1 second. The display will show the message "SCAN A" and the channel A will be automatically assigned to an unused channel.
- To perform an automatic search on channel B only, keep pressed the arrow key "down" for more than 1 second. The display will show the message "SCAN B" and the channel B will be automatically assigned to an unused channel.
- If during the automatic scan all channels are busy or disturbed, the previous setting will not be changed.

**WARNING:** This wireless UHF system allows to use up to 4 channels simultaneously between the 16 available. When several channels are used at the same time, it is recommended to choose them from one of these two possible combinations:

(1) CH01 - CH04 - CH11 - CH16 (2) CH01 - CH02 - CH04 - CH13.

### IMPORTANT USAGE WARNINGS

The module is compliant with all the required EU directives and therefore CE marked.

- Protect the module from dripping or splashing water, from high humidity or heat (operating temperature range 0 – 40 °C).
- No guarantee claims for the module and no liability for any resulting personal damage or material damage will be accepted if the module is used for other purposes than originally intended, if it is not correctly operated, or if it is not repaired in an expert way.

### TECHNICAL SPECIFICATIONS

Antenna:	Built-in ( $\lambda/4$ )
Transmitting range:	60-90 meters
Radio frequencies:	863.1 - 864.9 MHz, divided into 16 channels
Audio frequency range:	70 – 17000 Hz
T.H.D.:	< 0.5%

Channel assignment					
CH.01	863.1 MHz	CH.07	863.8 MHz	CH.13	863.4 MHz
CH.02	864.1 MHz	CH.08	864.8 MHz	CH.14	864.4 MHz
CH.03	863.6 MHz	CH.09	863.2 MHz	CH.15	863.9 MHz
CH.04	864.6 MHz	CH.10	864.2 MHz	CH.16	864.9 MHz
CH.05	863.3 MHz	CH.11	863.7 MHz		
CH.06	864.3 MHz	CH.12	864.7 MHz		