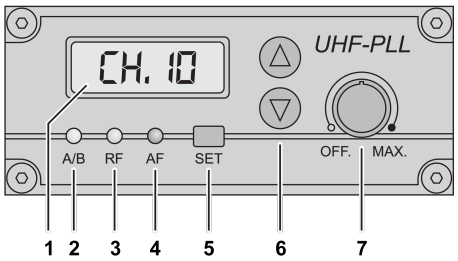
MULTIFREQUENCY UHF RECEIVER MODULE



CONTROL PANEL

1. Display to indicate the channel and the radio frequency.
2. Diversity A/B LEDs: it indicates which antenna is currently active (red = antenna A, green = antenna B).
3. RF Led: lights up when a suitable transmitter is activated on the same radio frequency of the receiver.
4. AF Led: lights up when the module is receiving an audio signal.
5. Synchronization button for automatic assignment of a channel.
6. Arrow keys:
   - To select the receiving channel (long press).
   - To briefly show the currently selected radio frequency (short press).
7. ON/OFF switch and volume control for the received audio signal.

OPERATION

Automatic mode (only with matching microphones):

1. Turn on the receiver module by turning the ON/OFF switch (7) clockwise. The display (1) will show the receiving channel. The A/B LED (2) lights red or green depending on the currently active antenna.
2. Turn on the microphone to be associated with the receiver module.
3. Press the synchronization button (5) on the receiver module. The word “SYNC” will blink on the display and an unused receiving channel, if available, will be automatically set.
4. Press the synchronization button on the microphone. The microphone will automatically receive the correct setting for its transmission channel to be associated with the receiver module.
5. Use the volume control (7) to set the output level of the received audio signal.

Manual mode:

1. Turn on the receiver module by turning the ON/OFF switch (7) clockwise. The display (1) will show receiving channel. The A/B LED (2) lights red or green depending on the currently active antenna.
2. Keep pressed one of the arrow keys (6) until the channel number on the display starts blinking.
3. Choose the desired receiving channel using the arrow keys. The chosen channel will be automatically confirmed 1 second after the last key press.
4. Manually set the same channel in the transmitter module or microphone to be associated (see the transmitter or microphone manual for the procedure).
5. Use the volume control (7) to set the output level of the received audio signal.

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 (λ/4)
Receiving range:	70-100 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		