

**Section** Public Address

**Category** Wireless microphones

**Range** UHF Range

**Code** R850A

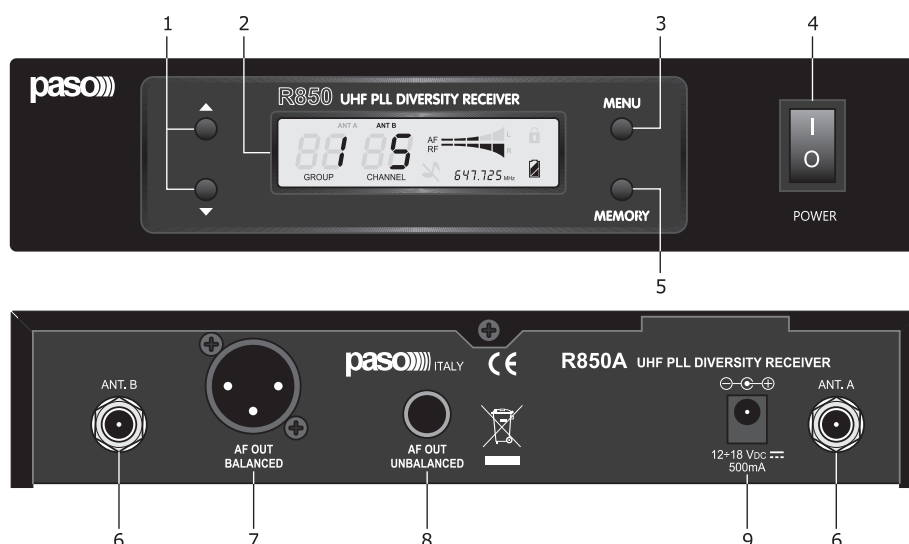
**Description** PLL UHF 'Diversity' receiver

Receiver with 120 channels PLL diversity technology, LCD display, RF/AF level meter, scan for automatic transmitter research, A and B sockets for two 2 antennas (included), battery status display and group-channel indicator, power supply included.



**Features**

- LCD display.
- Device for measuring RF/AF level.
- Wireless microphone battery level indicator.
- Scanning with automatic microphone search.
- Pre-selection of the frequency simply by pressing the MEMORY key.
- Selection of 120 channels (UHF 638 to 662 MHz).



**References**

**Front panel**

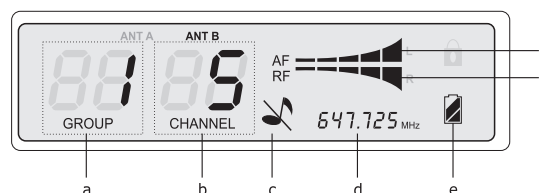
1. Arrow keys (menu scrolling).
2. LCD (see details below).
3. MENU key (for selecting a function).
4. ON/OFF switch.
5. MEMORY key (storage and searches).

**Rear panel**

6. Antenna sockets\*.
7. Balanced audio output (XLR socket).
8. Unbalanced audio output (jack).
9. DC power supply input.

**Display**

- a. Frequency group.
- b. Selected channel.
- c. MUTE activated icon.
- d. Selected frequency.
- e. Transmitter battery status indicator.
- f. Radiofrequency (RF) level indicator.
- g. Audio (AF) level indicator.



(\*)

Connection for the two antennae included in the supply, for remote antennae or for antenna networks.

**Technical data**

Number of channels	120
Carrier frequency	638 ÷ 662 MHz (UHF)
Type of modulation	FM (F3E)
RF sensitivity	-100 dBm/30 dB
Frequency stability	±0.005%
Frequency response	50 ÷ 15.000 Hz (±3 dB)
Unbalanced audio output	Jack 6.3 mm, 750 mV
Balanced audio output	XLR, 25 mV
Power supply	12 Vcc / 500 mA
Dimensions (W x H x D)	210 x 46 x 159 mm
Weight	0,95 kg

**Frequencies**

	GROUP 1	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6
CH 1	638.125	638.325	638.525	638.725	638.925	639.125
CH 2	640.525	640.725	640.925	641.125	641.325	641.525
CH 3	642.925	643.125	643.325	643.525	643.725	643.925
CH 4	645.325	645.525	645.725	645.925	646.125	646.325
CH 5	647.725	647.925	648.125	648.325	648.525	648.725
CH 6	650.125	650.325	650.525	650.725	650.925	651.125
CH 7	652.525	652.725	652.925	653.125	653.325	653.525
CH 8	654.925	655.125	655.325	655.525	655.725	655.925
CH 9	657.325	657.525	657.725	657.925	658.125	658.325
CH 10	659.725	659.925	660.125	660.325	660.525	660.725

	GROUP 7	GROUP 8	GROUP 9	GROUP 10	GROUP 11	GROUP 12
CH 1	639.325	639.525	639.725	639.925	640.125	640.325
CH 2	641.725	641.925	642.125	642.325	642.525	642.725
CH 3	644.125	644.325	644.525	644.725	644.925	645.125
CH 4	646.525	646.725	646.925	647.125	647.325	647.525
CH 5	648.925	649.125	649.325	649.525	649.725	649.925
CH 6	651.325	651.525	651.725	651.925	652.125	652.325
CH 7	653.725	653.925	654.125	654.325	654.525	654.725
CH 8	656.125	656.325	656.525	656.725	656.925	657.125
CH 9	658.525	658.725	658.925	659.125	659.325	659.525
CH 10	660.925	661.125	661.325	661.525	661.725	661.925

The highlighted channels can be used simultaneously without any interference.

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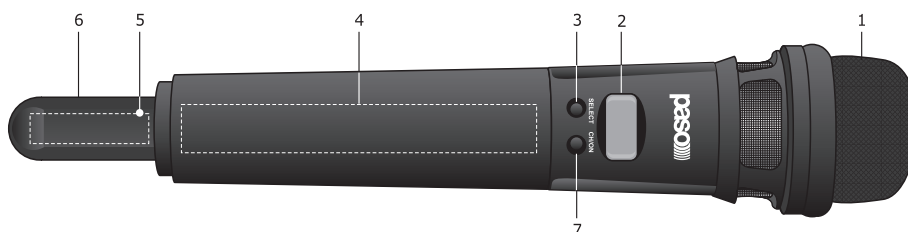
**Code** MA855A

**Description** Hand-held transmitter

The **MA855A** hand-held wireless microphone is the ideal complement for the **R850A** receiver (PLL, UHF, 120 channels).

**Features**

- LCD Display.
- 120 selectable channels (UHF 638 to 662 MHz).
- Muting function.
- Key lock.
- Battery charge LED.



**References**

1. Grille.
2. LCD Display.
3. Key for selecting parameters.
4. Battery compartment.
5. Jack for connection to battery charger.
6. Antenna.
7. ON/menu scrolling key.

**Technical data**

Type of microphone	Dynamic
Number of channels	120
Carrier frequency	638 ÷ 662 MHz (UHF)
Type of modulation	FM (F3E)
Frequency stability	±0.005%
Frequency response	50 ÷ 15.000 Hz (±3 dB)
Power supply	AA (2 off) or rechargeable NiMH batteries
Dimensions (Ø x W)	51 x 277.5 mm
Weight (without batteries)	240 g

Frequencies

	GROUP 1	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6
CH 1	638.125	638.325	638.525	638.725	638.925	639.125
CH 2	640.525	640.725	640.925	641.125	641.325	641.525
CH 3	642.925	643.125	643.325	643.525	643.725	643.925
CH 4	645.325	645.525	645.725	645.925	646.125	646.325
CH 5	647.725	647.925	648.125	648.325	648.525	648.725
CH 6	650.125	650.325	650.525	650.725	650.925	651.125
CH 7	652.525	652.725	652.925	653.125	653.325	653.525
CH 8	654.925	655.125	655.325	655.525	655.725	655.925
CH 9	657.325	657.525	657.725	657.925	658.125	658.325
CH 10	659.725	659.925	660.125	660.325	660.525	660.725

	GROUP 7	GROUP 8	GROUP 9	GROUP 10	GROUP 11	GROUP 12
CH 1	639.325	639.525	639.725	639.925	640.125	640.325
CH 2	641.725	641.925	642.125	642.325	642.525	642.725
CH 3	644.125	644.325	644.525	644.725	644.925	645.125
CH 4	646.525	646.725	646.925	647.125	647.325	647.525
CH 5	648.925	649.125	649.325	649.525	649.725	649.925
CH 6	651.325	651.525	651.725	651.925	652.125	652.325
CH 7	653.725	653.925	654.125	654.325	654.525	654.725
CH 8	656.125	656.325	656.525	656.725	656.925	657.125
CH 9	658.525	658.725	658.925	659.125	659.325	659.525
CH 10	660.925	661.125	661.325	661.525	661.725	661.925

The highlighted channels can be used simultaneously without any interference.