

Section Public Address

Category Wireless microphones

Range UHF Range

Code R850A

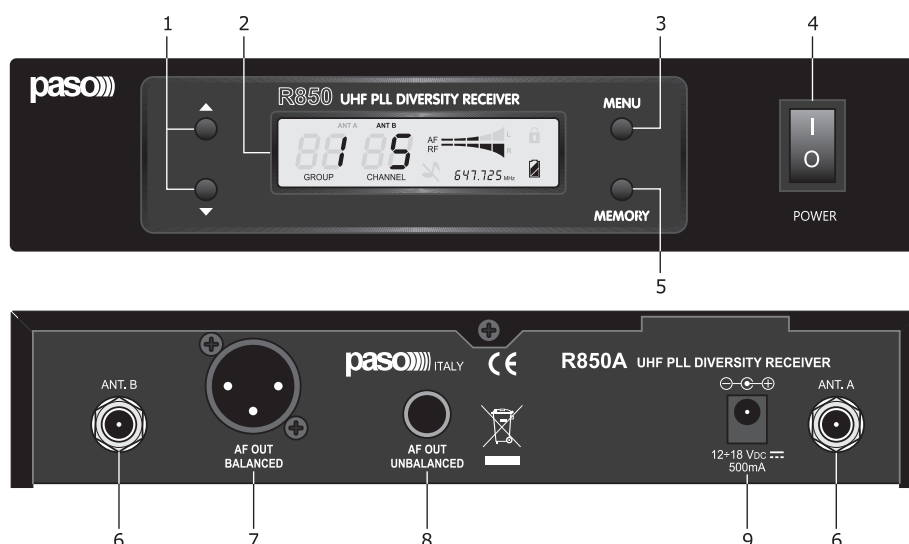
Description PLL UHF 'Diversity' receiver

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

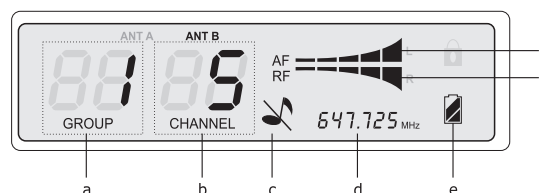
1. Arrow keys (menu scrolling).
2. LCD (see details below).
3. MENU key (for selecting a function).
4. ON/OFF switch.
5. MEMORY key (storage and searches).

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.

Section Public Address

Category Wireless microphones

Range UHF Range

Code MA853A

Description Pocket transmitter

The pocket **MA853A** wireless microphone is the ideal complement for the **R850A** receiver (PLL, UHF, 120 channels).

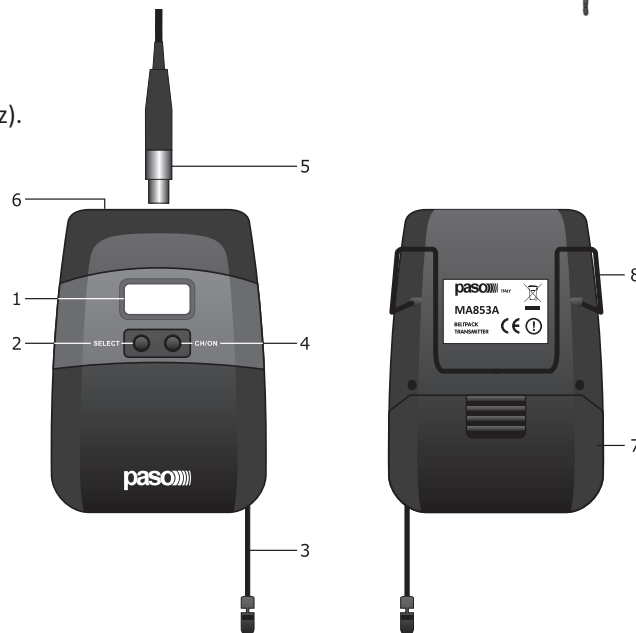


Features

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

References

1. LCD Display.
2. Key for selecting parameters.
3. Antenna.
4. ON/menu scrolling key.
5. Socket for microphone capsule.
6. Jack for connection to battery charger.
7. Battery compartment.
8. Belt clip.



Technical data

Type of microphone	Electret
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 (W x H x D)	70 x 97.5 x 23 mm
Weight (without batteries)	90 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.