



IMG STAGELINE WSA-24R Audio Signal Transmission System Instruction Manual

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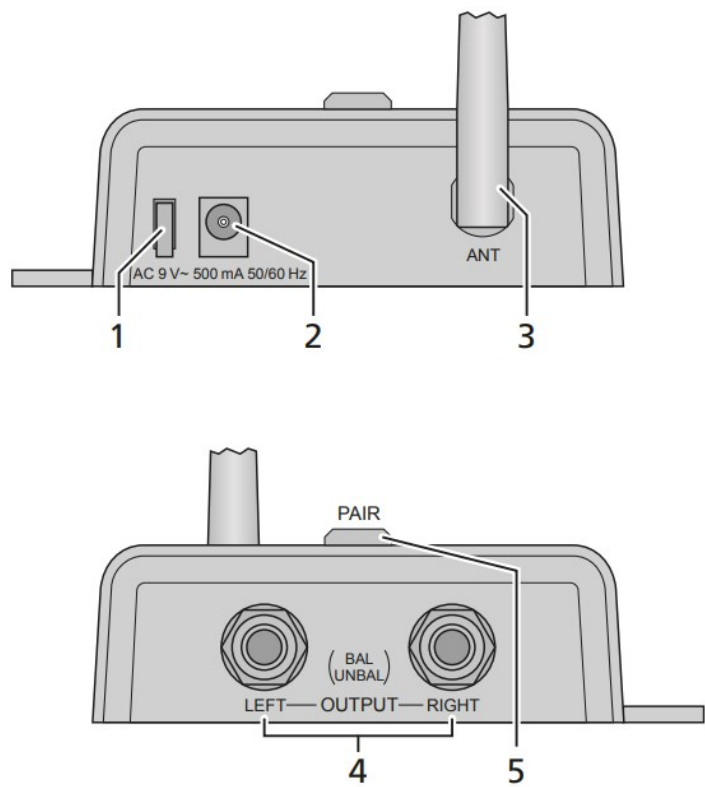


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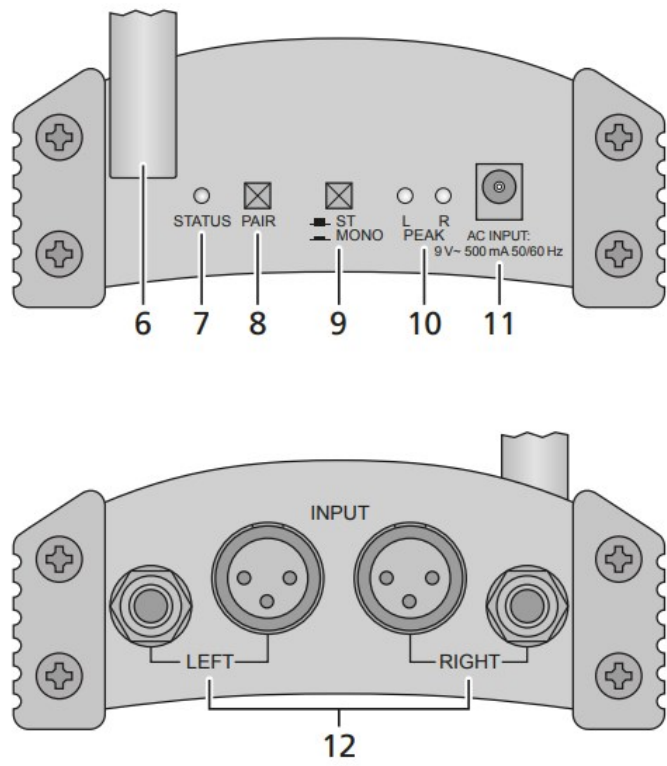
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Product Overview

WSA-24R



WSA-24T



Pos.	Overview
1	Strain relief
2	Power supply jack
3	Receiving antenna
4	Audio output
5	Pairing button
6	Transmitting antenna
7	Status LED
8	Pairing button
9	Stereo/Monoselector switch
10	Overload LED
11	Power supply jack
12	Audio input

These instructions are intended for users without any specific technical knowledge. Please read the instructions carefully prior to operation and keep them for later reference.

Applications

In combination with one or multiple receivers WSA-24R, the transmitter WSA-24T provides a wireless system for audio signal transmission (e.g. music reproduction in different parts of a building). The transmission range depends on local conditions and may reach 30m as a maximum.

Safety Notes

The units (transmitter, receiver, power supply units) correspond to all relevant directives of the EU and are therefore marked with .



WARNING

The power supply units use dangerous mains voltage. Leave servicing to skilled personnel only. Inexpert handling may result in electric shock.

- The units are suitable for indoor use only. Protect them against dripping water and splash water, high air humidity and heat (admissible ambient temperature: 0–40°C).
- Immediately disconnect the power supply unit from the mains socket
 1. if the power supply unit or the transmitter/receiver is visibly damaged,
 2. if a defect might have occurred after the unit was dropped or suffered a similar accident,
 3. if malfunctions occur. In any case the units must be repaired by skilled personnel.

- For cleaning only use a dry, soft cloth; never use water or chemicals.
- No guarantee claims for the units and no liability for any resulting personal damage or material damage will be accepted if the units are used for other purposes than originally intended, if they are not correctly connected or operated, or if they are not repaired in an expert way.



■ If the units are to be put out of operation definitively, dispose of the units in accordance with local regulations.

Conformity and approval

Herewith, MONACOR INTERNATIONAL declares that the radio equipment type WSA-24T/ WSA-24R complies with Directive 2014 /53/ EU.

The full text of the EU declaration of conformity is available on the Internet: www.monacor-international.com

The product is generally approved for operation in EU and EFTA countries. No registration or licence is required for operation in these countries.

Setting the System into Operation

1. Find a suitable position for the receiver (or multiple receivers) WSA-24R, then set the receiver up, screw it on or attach its holding magnets to a magnetic surface. Put the antenna (3) in a vertical position.
2. Use an audio cable to connect the 6.3mm jacks OUTPUT (4) to the input (e.g. LINE, CD, AUX) of the subsequent unit (e.g. amplifier, mixer, active speaker system).
3. Connect the power supply unit provided to the jack AC 9V~ (2) and to a mains socket (230V/50Hz). The button PAIR (5) starts flashing.

The receiver is provided with a hook for strain relief (1): Lead the cable around the hook to prevent accidental disconnection of the power supply unit from the receiver.

4. For initial operation, the receiver and the transmitter must be paired. For this purpose, place the transmitter close to the receiver first.
5. Connect the transmitter to a mains socket via its power supply unit. As long as the transmitter and the receiver have not been paired, the LED STATUS (7) will flash. Put the antenna (6) in a vertical position.
6. For pairing:
 - **a)** Keep the button PAIR (8) of the transmitter pressed for 3 seconds; the LED STATUS starts flashing more rapidly (2×/sec.).
 - **b)** As long as the LED STATUS flashes rapidly (for 10 seconds approx.), keep the button PAIR (5) of the receiver pressed for 3 seconds; the button PAIR of the receiver and the LED STATUS of the transmitter will light permanently. After successful pairing, a signal will sound at the output of the receiver.
 - **c)** If pairing has failed, wait for 15 seconds and repeat the process (when the LED STATUS starts flashing slowly again).
 - **d)** Repeat the process for further receivers, if required.

7. Set up the transmitter at its final position and supply it with power via its power supply unit.
8. Feed the audio signal to be transmitted (e.g. from an MP3/CD player, radio) to the XLR jacks or 6.3mm jacks INPUT (12).

Operation

1. Once the transmitter and the receiver have been successfully paired, they will be paired automatically each time they are operated again. The button PAIR (5) and the LED STATUS (7) will light permanently.
2. For mono operation, engage the button ST/MONO (9). For stereo operation, disengage the button.
3. If one of the LEDs PEAK (10) lights up, there is overload at the input (12): Reduce the output volume at the signal source accordingly.
4. After operation, disconnect the power supply units from the mains sockets. For convenient operation, connect the power supply units to a power strip with on/off switch.

Specifications

- Audio frequency range: . . . 20 – 20 000Hz
- THD: < 0.3%
- Channel separation: > 90 dB

Input

- Level: 1.35V max.
- Connection: XLR, 6.3mm jack

Output

- Level: 1V max.
- Connection: 6.3mm jack
- Transmission frequency: . . . 2.4GHz, (25 channels)
- Transmitting power: ≤ 20.0 dBm
- Range: approx. 30m without

obstacles

- Latency: 18ms
- Power supply: ~ 9V via power supply unit provided, connected to 230V/50Hz

Dimensions (W × H × D) w/o antenna /weight

- WSA-24R: 116 × 35 × 86mm/ 118 g
- WSA-24T: 130 × 54 × 130mm/ 470 g

Subject to technical modification.

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Documents / Resources

	<p>IMG STAGELINE WSA-24R Audio Signal Transmission System [pdf] Instruction Manual WSA-24R, 0257140, WSA-24T, 0257150, WSA-24R Audio Signal Transmission System, Audio Signal Transmission System, Signal Transmission System, Transmission System</p>
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References

- [MONACOR INTERNATIONAL: Monacor International](#)