



## INSTRUCTIONS FOR INSTALLATION AND OPERATION OF STROBOS SIREN HSP

Siren **STBS HSP** is used to generate warning (sound and light) signals in special vehicles. The device has a built-in microphone that allows you to broadcast alert voice messages freely. Siren is intended mainly for special vehicles, fire brigade, police, ambulance, military vehicles. The device is intended for motor vehicles and boats.



### List of items included in the set:

1. Amplifier in an aluminum housing- 1 pcs.
2. Manipulator - remote control with a handle- 1 pcs.
3. Cables
4. Additional button

### Installation instructions

The amplifier should be placed inside the vehicle, in a place not exposed to moisture and wetting and in a place providing adequate air circulation which ensures proper operation of the device.

The siren works with loudspeakers with 6-11 ohm impedance. Loudspeakers not included in the warning lamp shall be mounted in the front of the vehicle in such a way that the front is not covered by any elements of the vehicle structure. Otherwise, the required sound pressure level may drop.

The amplifier should be mounted with at least two bolts, ensuring that the device can't be moved while driving.

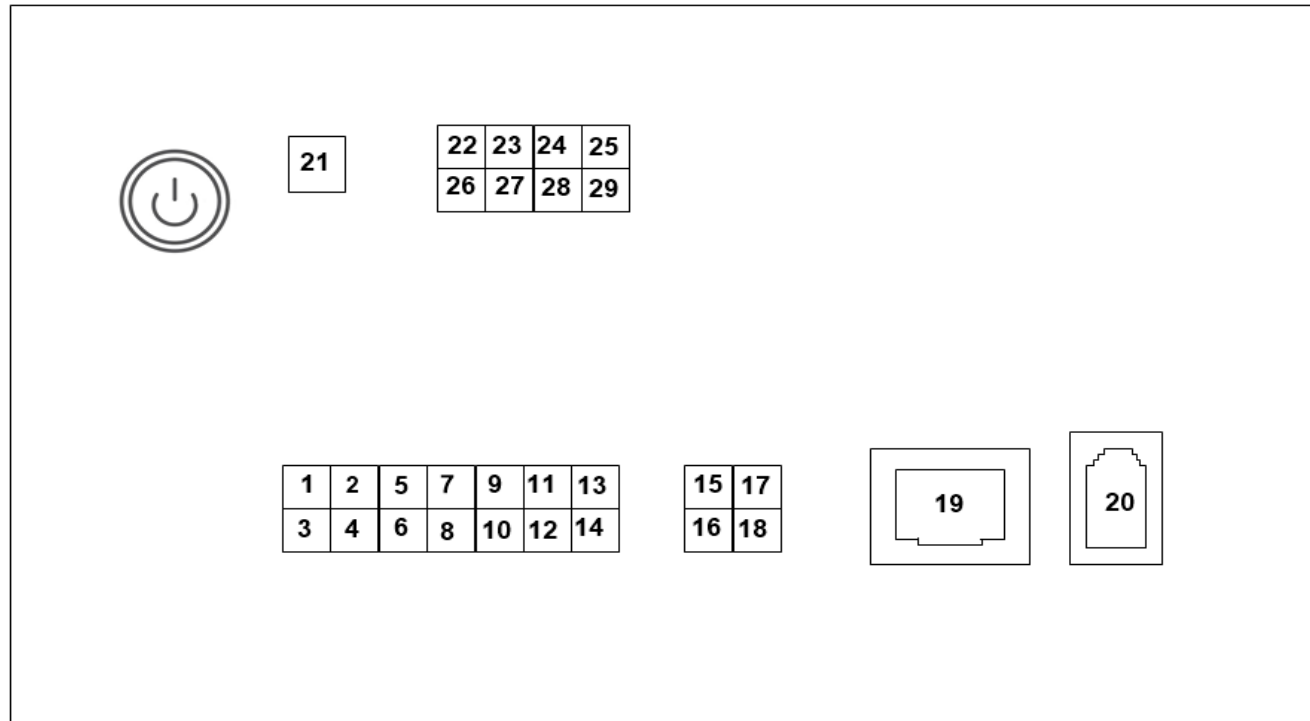
Cables must not be exposed to contact. Their incorrect connection will damage the device. It is recommended to use the cables included in the set.

**Siren HSP is not intended for boats and quads.**

In case of connection problems, please contact us by email: [info@strobos.pl](mailto:info@strobos.pl)

We are available from Monday to Friday from 8 am to 4 pm.

**Connection diagram of the amplifier**



- 1.2. Power supply
- 3.4. Ground
- 5.6. First Speaker
- 7.8. Second Speaker
- 9.10. Clacson
- 11.12. AUX
- 13.14. Dusk sensor
- 15.(+) signal for change daytime running lamps to dipped beam
- 16. unused
- 17.18. Second additional button (HORN - 1sec press) (3s press- turn on lights and sound)
- 19. Switch control
- 20. Additional button
- 21. (+) power supply
- 22. Main blue light channel
- 23. Additional blue light channel
- 24. Red light channel
- 25. Second light channel (for dual-color lamps)
- 26. First additional lights channel
- 27. Second additional lights channel
- 28. Third additional lights channel
- 29. Day/night mode (only for class 2 lamps)

1. Siren HSP has 5 high-current outputs.

The high-current outputs should be connected with warning lamps and additional lighting. For proper installation, connect the red (+) cable from the lightbar (external warning light) to the siren, while the black (-) cable from the lightbar should be connected to the battery or vehicle installation.

2. Only 12V can be connected to the 12V device. Only 24V lighting should be connected to the device at 24V. Connecting devices with incorrect working voltage can lead to damage to the device or electrical installation in the vehicle.

3. The speaker should be connected to two brown wires coming out of the cube (there is no plus and minus in the speaker, you only need to close the circuit).

4. Manipulator - The remote control should be mounted on the vehicle in a place easily accessible to the driver and passenger. The remote control holder should be screwed to the upholstery. It must not be exposed to moisture or water.

5. White cables (2 pcs) please connect to horn in vehicle.

## **Remote control manual**

### The function of quick activation of the signaling:

1. First press - sound signal + lights
2. Second press - blue lights only
3. Disabling privileged signaling



