

Assembly instructions SoundHorn with remote control

The sound horn consists of the button, loudspeaker, amplifier, switchbox, sound module, receiver and handheld transmitter. The sound module contains a Micro SD card with 15 different sound files.

Assembly

The amplifier and the switch box are installed under the left storage compartment. The amplifier should be mounted to the frame strut with a cable tie. The amplifier is designed for short-term operation of about 60 seconds. For a longer continuous operation, the metal rail of the amplifier module must be bolted to the frame or a heat sink mounted. The amplifier has a thermal shutdown and protects itself.

The switch box is placed under the storage compartment. The 3-pin adapter (plug coupling) is connected to the red 3-pin ACC plug. The red cable from the 4-pin power supply plug is connected directly to the positive pole of the battery via a switch and a fuse (not included in delivery). The 6-pin adapter (plug coupling) is inserted in the intercom cable. To do this, follow the intercom connection to the 6-pin connector. Pull the plug apart and connect it to the adapter from the switch box. Connect the 3-pin connector to the 3-pin connector of the amplifier. The sound module is housed in the left storage compartment. The connection is made via the 10 pin RJ48 cable.



The button for the horn is mounted on the left handlebar fitting with the screw from the clutch lever. Lay the cable from the button in the cable duct (only loosen screws from the cable duct, do not completely unscrew). Route the cable around the steering head and under the left storage compartment. Connect the plug to the 2-pole coupling of the switch box.

Tighten the screw far enough for the clutch lever to still move freely. Coat the nut with threadlocker paint and tighten until the clutch lever remains movable.

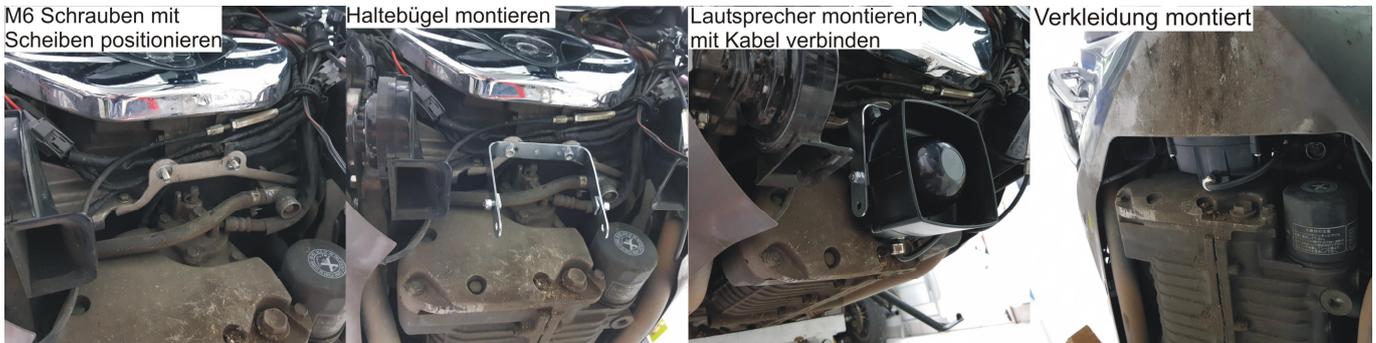
The speaker is mounted on the front of the engine. To do this, remove the lower fairing. Mount the speaker as in the pictures. Lead the 2-pole connection cable from the loudspeaker to the amplifier and connect to the 2-pin connectors.

M6 Schrauben mit Scheiben positionieren

Haltebügel montieren

Lautsprecher montieren, mit Kabel verbinden

Verkleidung montiert



The receiver should be installed behind the dashboard trim. For a good range, it is necessary to stretch the antenna and lay as far away from metal parts as possible.

If a large range is secondary, the receiver can also be placed under the left storage compartment. Connect the receiver to the switchbox with the 8pin RJ45 cable.

Function test

When all cable connections have been made, the horn is ready for use.

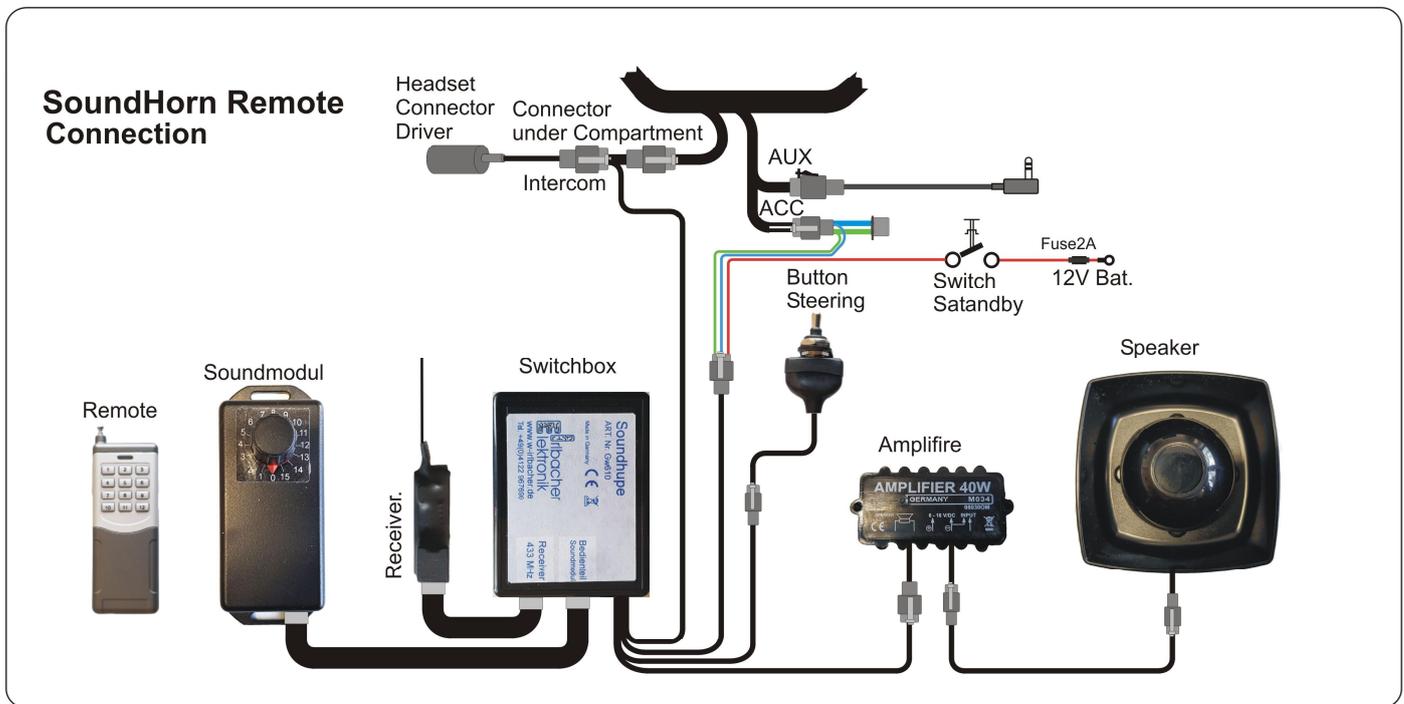
Switch on the ignition (ACC). Set the rotary switch of the sound module to any value 1 - 15 and press the button. The sound should be audible with good volume. Playback takes place as long as the button is pressed. Try all 15 sounds. In position 0, the headset is switched to the loudspeaker. To do this, the intercom must be switched on and set to the highest possible volume. When pressing the button can be spoken through the speaker. It is also possible to switch the music from the radio or player to the loudspeaker. Switch the radio to headset, turn up the volume (20+). When the button is pressed, playback is via the loudspeaker. In this way, Navi announcements and radio can be played. The sound module has a small hole next to the plug with a potentiometer behind it. This can be used to adjust the volume. When delivered, the volume is set to maximum.

Function test Remote

Switch off the ignition. Switch on the switch for the direct power supply (battery). Press a button on the remote control. The sound should be played. The first 12 sounds can be called up. Playback takes place as long as the button on the remote control is pressed. Depending on the mounting of the receiver, the range should be 100 to 1000 meters (antenna on the remote control pulled out).

SD Card remove and insert

The Micro SD card is located on the right side of the sound module in the slot. With a small screwdriver, the card can be unlocked and pulled out by pressing lightly. When inserting, insert the card with the label facing upwards and the bulge towards the front. Push the SD card into the card holder with gentle pressure until it clicks into place.

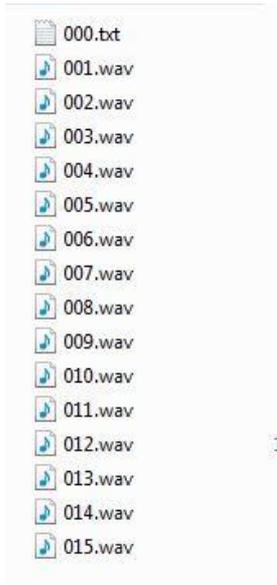


Sounds on the Micro SD card

The sounds have to be in wav format. Every sound must have a unique number.

Numbering is from 001 to 015. The length of the file is limited only by the size of the memory card. There may also be fewer than 15 files. When selecting via the rotary switch / remote control but then no playback.

The playback format is specified in the 000.txt file. The txt file may not be deleted or changed.



Content 000. txt file

```
0 # Trigger mode (0..3)
  # 0:Level triggered
  # 1:Level triggered (sustained)
  # 2:Edge triggered
  # 3:Edge triggered (retriggerable)
```

Important is only the 0 in the first line, everything behind the # is only for documentation. If problems occur during installation or commissioning, I am happy to help.



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