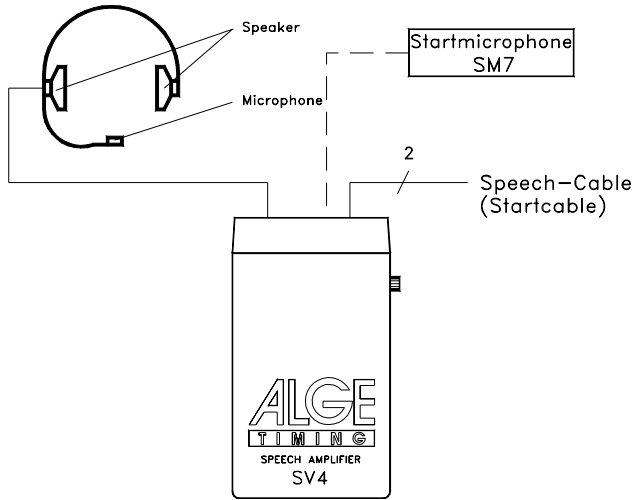


**ALGE Speech System**

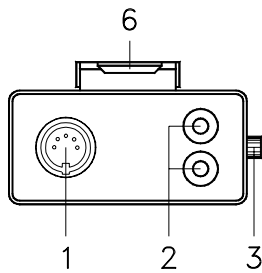


It consists of a Speech-Amplifier with Headset, as well as a second system on the other side of the cable.

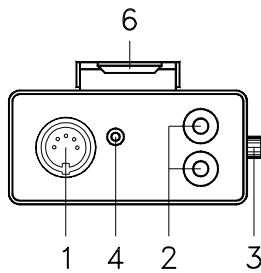
Connect the Headset Q34 on socket (1) of the Speech Amplifier. Connect on the banana socket (2) the two-wire communication cable, which can also be the impulse cable.

The **Headset Q34** consists of two ear-phones (built in the ear piece) and a microphone (built in the mouth piece). The cable length is can be 2 or 5 Meter (a extension is not allowed).

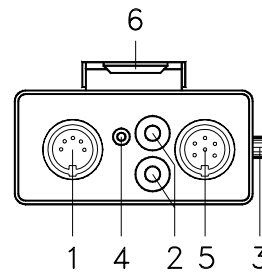
**There are three different models of the Speech-Amplifier:**



**Speech Amplifier SV4**



**Speech Amplifier SV4-S with switch-button**



**Speech Amplifier SV4-SM for Startmicrophone (e.g. SM7) with switch-button**

- 1 ..... DIN-socket to connect the Headset Q34
- 2 ..... Banana socket for a communication 2 wire cable (it can be combined with the impulse line)
- 3 ..... Volume level to adjust the volume of the earphones built in the Headset Q34
- 4 ..... Speech Switch (to turn the microphone of the Headset Q34 on or off), and Speech Button (when you press the button you can speak)
- 6 ..... DIN-socket to connect the Startmicrophone
- 6 ..... Clips (to fasten the speech amplifier on the belt)

**Turning on:**

The Speech Amplifier switches automatically on, when you plug the Headset Q34. If you use the Speech Amplifier SV4-SM you should also unplug the Startmicrophone SM7, because it is also supplied from the SV4-SM.

**Attention:** To save the battery disconnect all cables from the Speech Amplifier after a race is over (even if you put the switch on middle position it will not switch the Speech-Amplifier off).

**Volume:**

With the volume lever (3) you can adjust the volume for the Headset Q34.

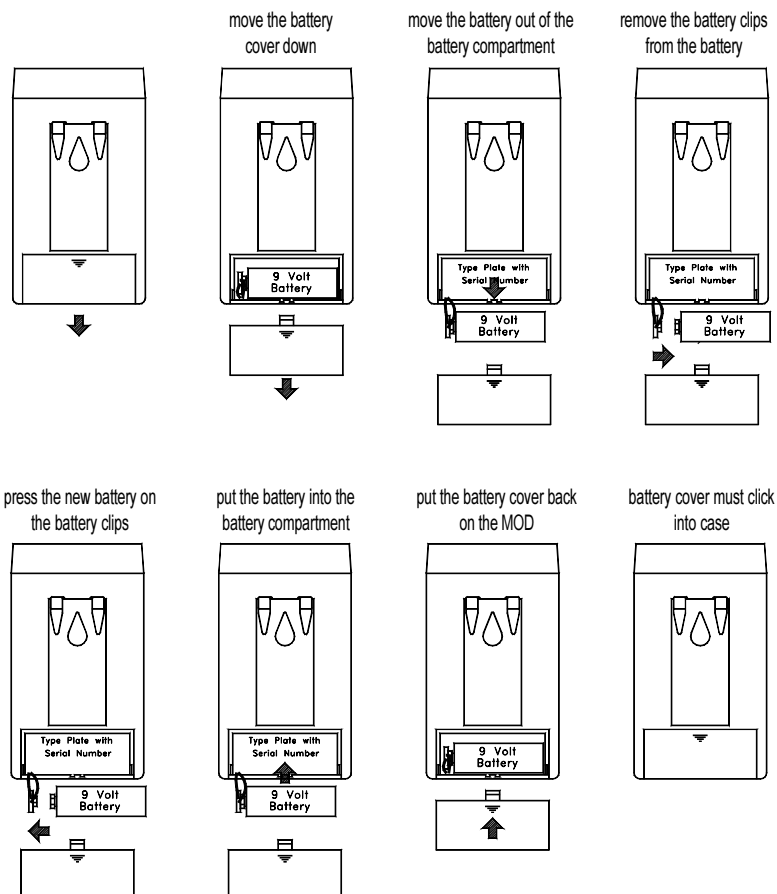
minimum volume	middle position	maiximal volume
+6 dB	0 dB	-20 dB
twice standard volume	standard volume	1/20 standard volume

**Power Supply:**

The speech amplifier has a built in 9 Volt alkaline battery.

- Power Supply:** 9 V Alkaline-Battery
- Life Time of Battery:** about 150 hours at 20°C for SV4 and SV4-SM including SM7  
about 25 hours at -20°C for SV4 and SV4-SM including SM7
- Low Power Monitoring:**  $U_{\text{Batt}} < 5.5 \text{ V}$  (rest capacity = 10%), peeping every 3 seconds

**Changing the Battery:**



**Dimensions:** about 120 x 73 x 40 mm (length x with x height)  
**Weight:** about 100 g (without battery)