

Technical Data

Comfort Duett

Features

- Digital Signal Processing
- Automatic Gain Control
- Omnidirectional Internal Microphone
- Frequency Range 100 - 10000 Hz
- Equipped with Built-In Telecoil to be used with the induction loop systems
- Induction Neckloop
- Three different Max. Gain Thresholds
- 10 steps volume control. 2dB/step
- Three different Tone presets
- Aux. In and External Microphone



General Data

- Dimensions:** L= 94 x W=35 x H 17 mm
- Weight :** 57 g
- Connections:** Aux/Min In, Headphones, and neckloop = 3.5 mm jack
- Charging = Micro USB

Standards

- Safety:** IEC 60065, UL 60065
- EMC:** EN 60601
- Electroacoustics:** IEC 60118-0, IEC 60118-7:2005, ANSI S3.22-2003

Power Management

Charger Unit

- Type:** A17
- Operating voltage:** 100-240V AC/ 50-60Hz, 0.1A
- Output voltage:** 5V DC
- Output Current:** 600 mA

Battery

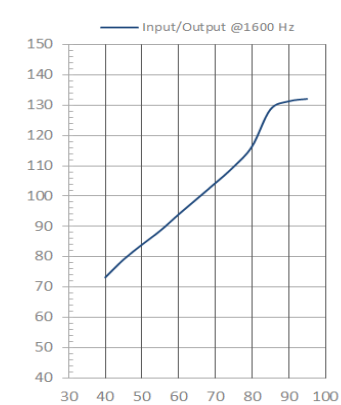
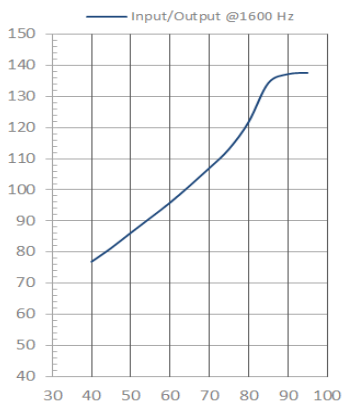
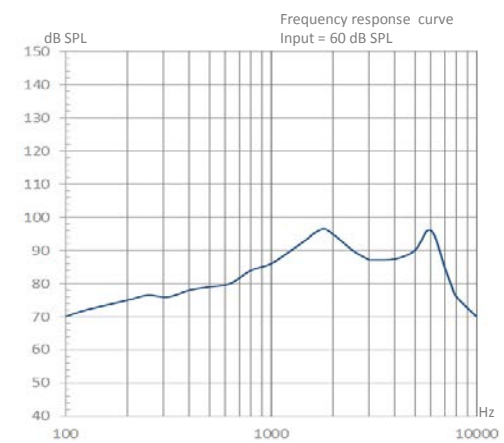
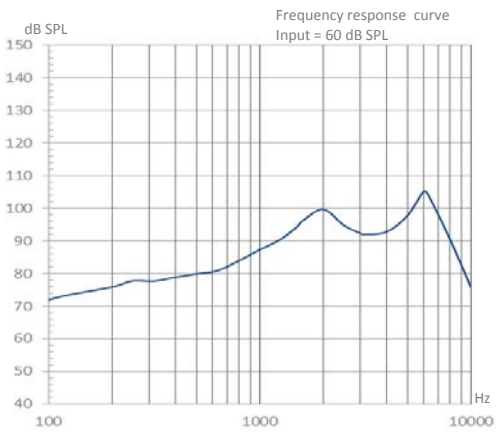
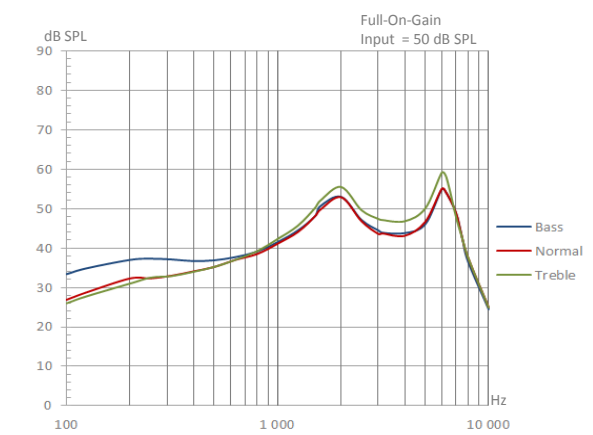
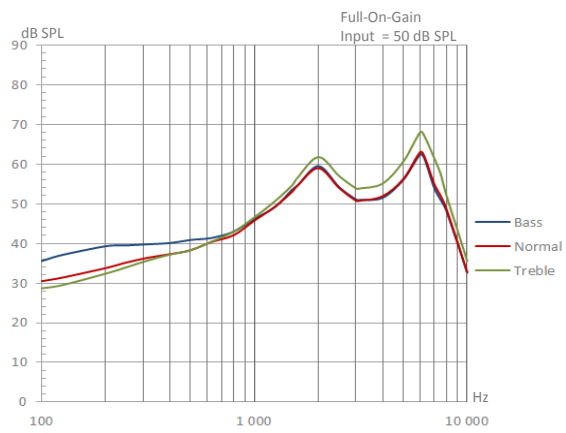
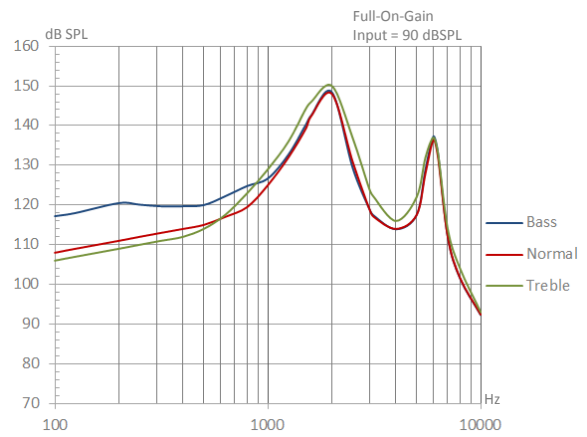
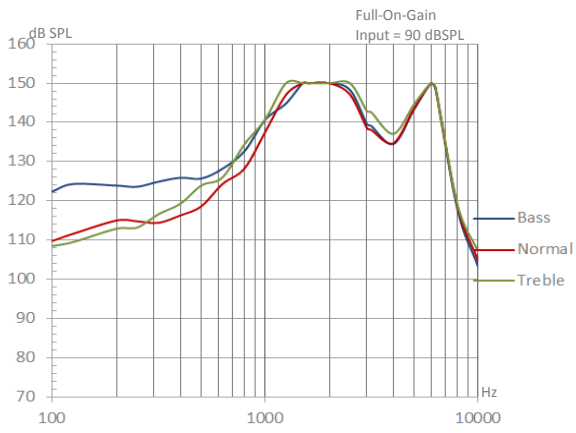
- Battery type:** 2 X AAA Ni-MH batteries
- Battery voltage:** 1.2V
- Battery capacity:** 850 mAh
- Operating time:** 20 hours
- Charging time:** Approx. 3.5 hours

Acoustic characteristics

	Standard Ear Phones	
	Ear Simulator 60118 & 60711	2ccm Coupler
OSPL90		
Tone Preset mode	Normal	Normal
At 1.6 KHz	150 dB SPL	142 dB SPL
Peak	150 dB SPL @ 1.6, 2 & 6 KHz	142 dB SPL @ 1.6 KHz
Full-on Gain 50		
Tone Preset mode	Normal	Normal
At 1.6 KHz	59 dB	50 dB
HFA FOG 50	52 dB	46 dB
Peak	63 dB @ 6 KHz	53 dB @ 2 KHz
Frequency Range		
Tone preset mode	Normal	Normal
Low frequency limit	120 Hz	100 Hz
High frequency limit	10000 Hz	9500 Hz
Total Harmonic Distorsion		
500 Hz	1%	1%
800 Hz	3%	3%
1600 Hz	4%	4%
Equivalent Input Noise	26 dB	26 dB
AGC		
Attack time	100 ms	100 ms
Release time	< 2ms	< 2ms

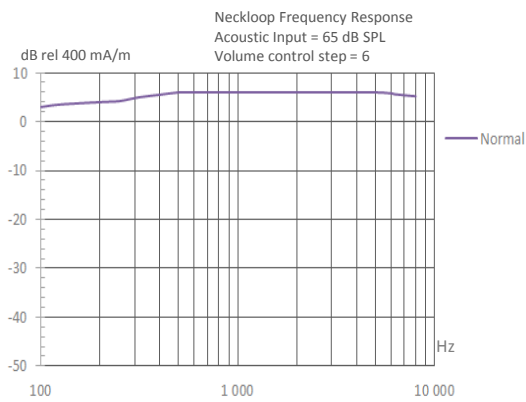
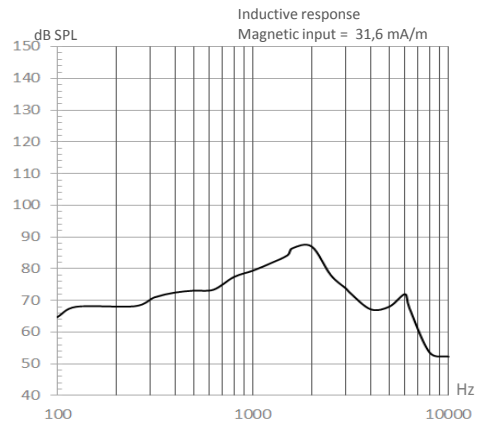
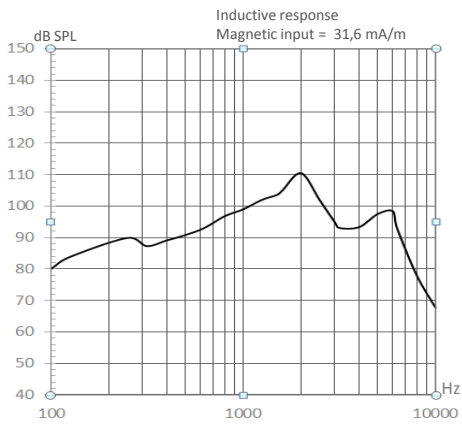
Ear Simulator IEC 60118 & 60711

2 ccm coupler



Ear Simulator IEC 60118 & 60711

2 ccm coupler



Output sound pressure level of each volume control step.
Tone preset mode = Normal

