ISTOK-AUDIO

Magic of natural sound

Runa Pro hearing aids

Advanced hearing solutions

Runa Pro is an advanced multi-channel BTE hearing aid family delivering pure natural sound and listening comfort in different environments

- Binaural coordination
- Up to 24 independent channels
- Frequency compression
- Adaptive noise reduction
- Spectral contrast system*
- WDRC technology

* This feature is not available on all models; see the table.

Runa Pro is an ideal solution for users with active lifestyles thanks to their automatic adaptation to various sound environments for a clearer natural listening experience

Four power levels

Runa S

Runa M

Runa P

Runa SP

Available colors

Royal Blue

Champagne

Bronze

Beige

Key features

Technology	How it works	Benefits for user
Automatic Adaptive Directionality System	automatically switches from omnidirectional to directional mode when noise is present	improves better speech intelligibility in noise, while providing good all-directional sound awareness in quiet environments
Pinna Imitation	designed to replicate the natural sound-collecting and cue-adding functions of the outer ear	provides fuller, richer and less “flat” sound, allows users much more accurately to tell where sounds are coming from
Expansion	reduces the amplification of very soft sounds	improves comfort by reducing low-level annoying noises such as computer fan, air conditioning etc. that the users do not want to hear
Wind Noise Reduction	detects the wind and reduces the amplification in the relevant frequencies	delivers comfort while being outside especially in windy weather
Impulse noise reduction	monitors and controls sudden short-duration, high-intensity sounds	prevents discomfort and hyperacusis
Frequency compression	shifts high-frequency sounds to the lower-frequency range to make speech sounds more audible	allows users to hear high-frequency sounds resulting in improving speech intelligibility
Automatic Program Switch “Environmental Analysis”	automatically switches between five acoustic environments, programs: quiet, speech in quiet, comfort in noise, speech in noise, walk. The settings for each program can be individually adjusted for comfortable listening	provides better hearing and comfort in various acoustic situations without user intervention
Spectral Contrast Enhancement System	improves the contrast between peaks and valleys in the speech spectrum, providing significant improvements in speech intelligibility	enhances speech intelligibility and provides natural sound quality of speech

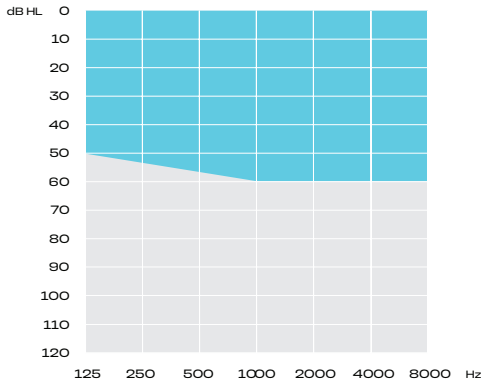
Three performance levels

Model	Runa Pro 12	Runa Pro 20	Runa Pro 24
Sound processing			
Channels	12	20	24
Listening programs	6	6	6
Adaptive ACCo	•	•	•
Directionality			
Omni	•	•	•
Fixed	•	•	•
Adaptive	•	•	•
Auto-adaptive		•	•
Multichannel adaptive			•
Pinna Imitation			•
Noise reduction			
Adaptive noise reduction	•	•	•
Feedback manager	•	•	•
Expansion	•	•	•
Wind noise reduction	•	•	•
Impulse noise reduction		•	•
Speech understanding			
Frequency compression	•	•	•
Automatic program switch “Environmental Analysis”	•	•	•
Spectral Contrast Enhancement			•
Specials			
Synchronized Volume Control	•	•	•
Synchronized Program Switch	•	•	•
Data Logging	•	•	•
In-Situ audiometry	•	•	•
Tinnitus Masker	•	•	•
Telecoil	•	•	•
AutoPhone	•	•	•
Fitting			
Santa 11 fitting software	•	•	•
Wireless fitting	•	•	•
Thin tubing	•*	•*	•*

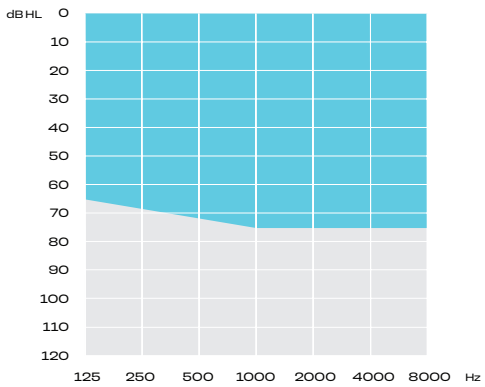
* available with models S/M/P

Fitting range

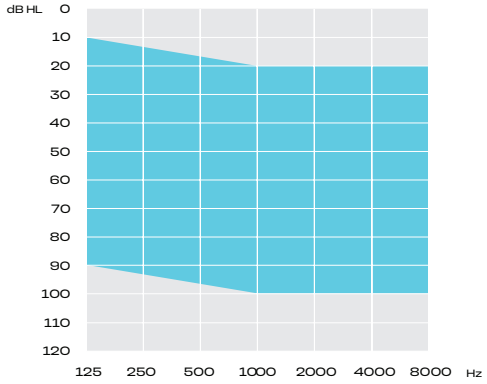
S



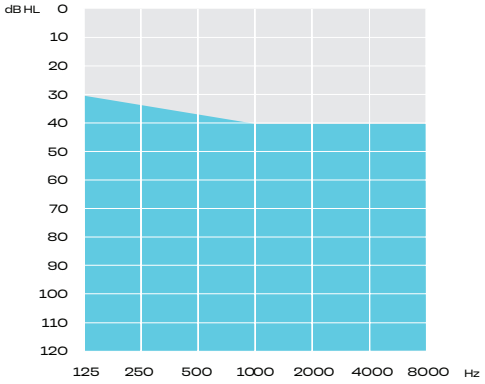
M



P



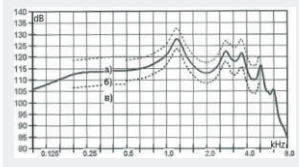
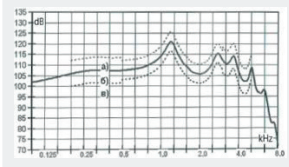
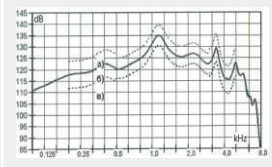
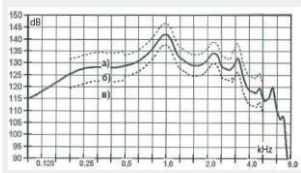
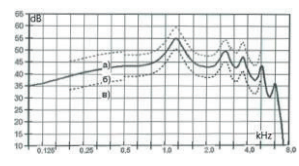
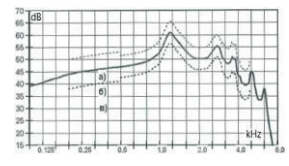
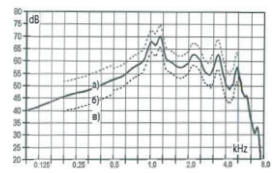
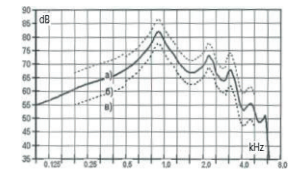
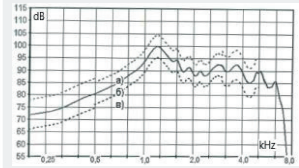
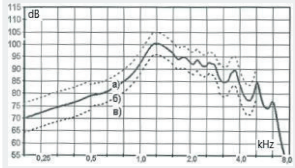
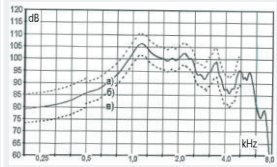
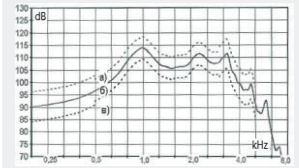
SP



Parameters (IEC118-7 (2cc))			
Model	**OSPL 90 max**	**Max amplification**	**Frequency range**
S	121 (117) dB SPL*	55 (51)*	100-8000 Hz
M	128 (122) dB SPL*	61 (55)*	100-7600 Hz
P	135 (130) dB SPL*	70 (67)*	100-7500 Hz
SP	142 dB SPL*	82	100-7300 Hz

* for thin tubing

	Runa Pro 12S 20S 24S	Runa Pro 12M 20M 24M	Runa Pro 12P 20P 24P	Runa Pro 12SP 20SP 24SP
	2 cm² coupler data			
Output sound pressure level				
OSPL90 at 1.6 kHz, dB	109	116	126	126
Maximum OSPL90, dB	121	128	135	142
HFA-FOG	111	118	127	133
Full-on gain				
FOG at 1.6 kHz, dB	45	53	58	67
Maximum FOG, dB	55	61	70	82
HFA-FOG	47	53	62	71
Frequency, noise				
Frequency range, Hz	100-8000	100-7600	100-7500	100-7300
Equivalent input noise, dB	< 25	< 25	< 25	< 25
Total harmonic distortion, %	< 5	< 5	< 5	< 5
Inductive coil sensitivity				
HFA-SPLIV	72	73	80	90
Battery				
Battery current drain, mA	1.5	1.5	1.8	3.3

	Runa Pro S	Runa Pro M	Runa Pro P	Runa Pro SP
Maximum Output (OSPL90) 2cc Coupler				
Full-on Gain 2cc Coupler				
Inductive coil sensitivity 2cc Coupler