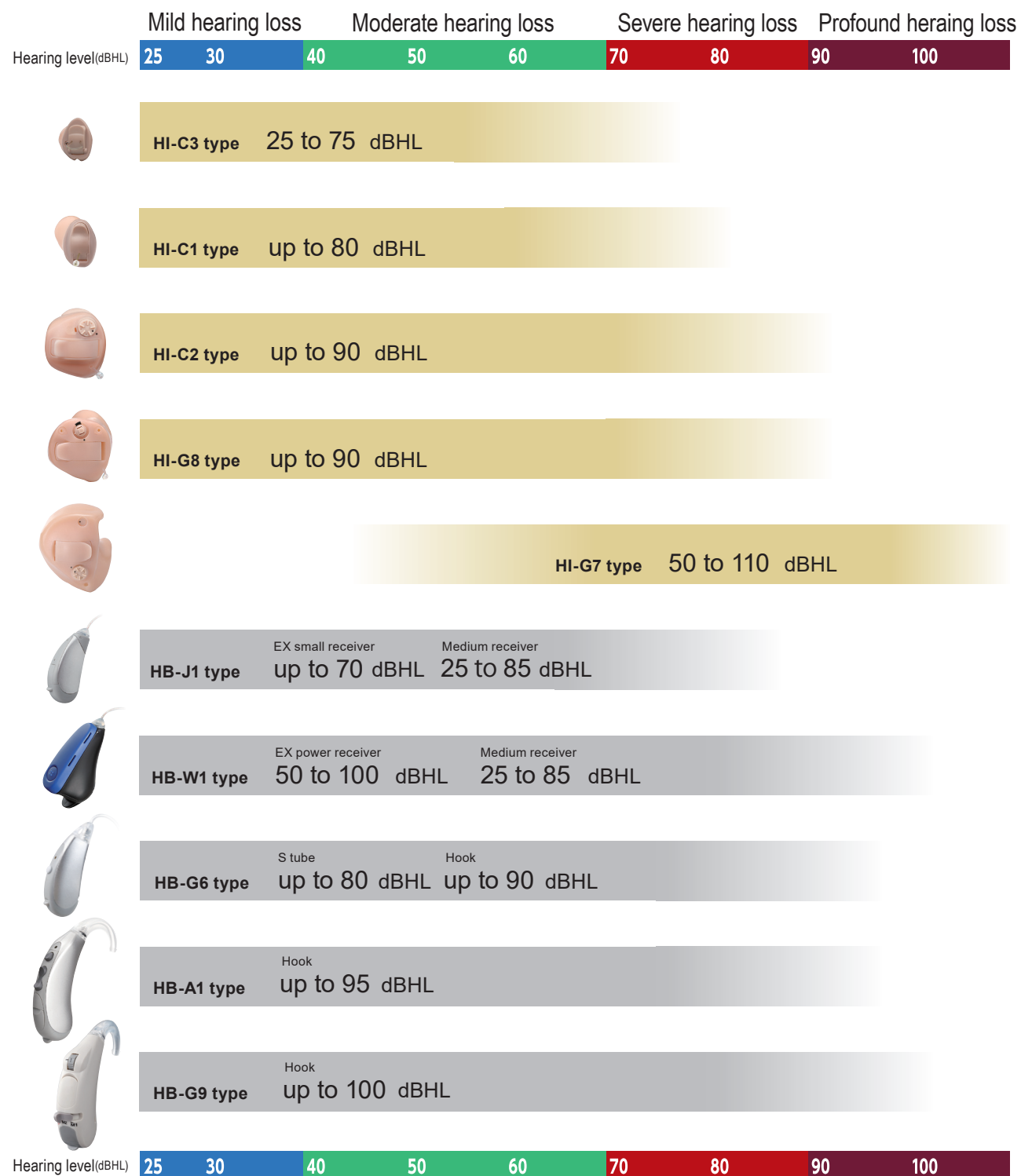


RIONETPRECIA II

RIONETPRECIA II

RIONETPRECIA II V

A lineup that can be used from mild to profound hearing loss



Sound Spectrum Shaping (SSS Speech+)

Easier to hear words

SSS Speech+ is a unique feature of Rion hearing aids that emphasizes the difference between the peak and dip of the frequency spectrum and makes the characteristics of each phoneme necessary for speech perception more prominent.

Judgment and emphasis / attenuation of peaks and dips are performed finely for each 250 Hz.



Feedback Canceller (AFBC α) Suppresses annoying feedback

Feedback canceller (AFBC typeR) automatically makes unpleasant feedback difficult to occur. For example, feedback that often occurs when you make a call is suppressed, so you can enjoy the conversation over the phone.

Feedback occurs when the sound output from the hearing aid is picked up by the hearing aid microphone again and becomes amplified repeatedly. AFBC α uses the anti-phase method and the frequency shifting method to suppress the acoustic feedback. By using these two methods, it is possible to increase aided gain by 25 dB.



Image of the anti-phase method

Sounds output from the hearing aid and picked up by the microphone again (①)

Sound with an anti-phase of ① (②)

When combined...

Compensates with each other

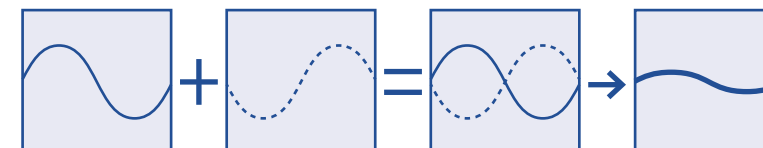
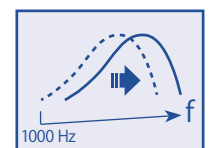


Image of the frequency shift method

When the sounds are outputted from the hearing aid, the sounds of approximately 1000 Hz or above are shifted by 20 Hz.



NR

Noise reduction (NR)

Comfortable listening even in noisy environments

The reduction of noise such as traffic noise and air conditioner noise enables the user to wear their hearing aids comfortably. The detailed processing is performed in 32 bands for environmental analysis.



PNS

Pulse Noise Suppressor (PNS)

Suppresses sudden impulsive sounds

Hearing aid users are often annoyed by the sudden sounds (impulsive sounds), which they encounter in their daily lives, such as the clatter of dishes during a meal. The PNS detects these noises and suppresses the uncomfortable impulsive sounds and noises selectively, without affecting the conversation sounds and environmental sounds, which are originally required.



Directionality

Easier to hear conversation from the front

The directional function suppresses surrounding sounds (from the side and back), making it easier to hear the front conversation voice. In addition, adaptive directivity follows and suppresses the sound even if the sound from the back or the side moves.

Examples of effect of directionality

- While watching TV, when you hear the sound of vacuuming behind you
- When you are anxious about the sound of the dishwasher behind you while talking with your family



For installed models, refer to P.52-53

Main function comparison (comparison within the Rionet Majes series)

he number of ★ shows the relative height of the function.	Rionet Precia II	
	Rionet Precia II	Rionet Precia IIV
Can be fine-tuned to fit the hearing. (Channel number for GAIN-CRC-OPC)	10-4-10	6-4-4
Easier to hear words (SSS Speech+)	★★★★	★★
Comfortable listening even in noisy environments (NR)	★★★★	★★★★
Suppresses annoying feedback (AFBCα)	★★★★	★★★★
Suppresses sudden impulsive sounds (PNS)	★★★★	★★
Easier to hear conversation from the front (Directionality)	★★★★	★★

Model List

Rionet Precia II	HI-C3CS	HI-C1CS	HI-C2CS	HI-G8CS	
Rionet Precia IIV	HI-C3YS	HI-C1YS	HI-C2YS	HI-G8YS	HI-G7YS
Battery	10 (PR536)	10 (PR536)	312 (PR41)	312 (PR41)	13 (PR48)
Battery life (Unit: hour) (When used continuously)	95 to 115	105 to 155	160 to 235	150 to 205	310 to 70

● Battery life varies depending on usage conditions.

EX small receiver	EX medium receiver	EX power receiver	EX medium receiver	Hook	S tube
BTE (RIC)	BTE (RITE)	BTE (Hook / S tube)	BTE (Hook / S tube)	BTE (Hook / S tube)	BTE (Hook / S tube)
HB-J1CS	HB-W1CS	HB-G6CS	HB-A1CS		
HB-J1YS	HB-W1YS	HB-G6YS			HB-G9YS
312 (PR41)	13 (PR48)	312 (PR41)	13 (PR48)		13 (PR48)
EX small / Medium 235 / 190	EX power / Medium 350 / 325	S tube / Hook 180 / 190	Hook / S tube 240 / 220		Hook / S tube 265 / 310

Color variations for custom-made hearing aids

- Faceplate
● HI-C3 type
- Color shell
● HI-C3 type, HI-C1 type



Color variations for BTE

●HB-J1 type



●HB-G6 type



●HB-A1 type








●HB-W1 type















●HB-G9 type



Function List

Model		GAIN (Band)	CRC (Channel)	OPC (Channel)	HTK/LTK	Sound Enhancement 	Noise Reduction 	Pulse Noise Suppression 	Directionality 	Feedback Canceller 	
Rionet Precia II	Custom-made type	HI-C3CS	10	4	10	⊙	Conversation / All level	⊙	Low/Medium/High	—	⊙
		HI-C1CS	10	4	10	⊙	Conversation / All level	⊙	Low/Medium/High	—	⊙
		HI-C2CS	10	4	10	⊙	Conversation / All level	⊙	Low/Medium/High	—	⊙
		HI-G8CS	10	4	10	⊙	Conversation / All level	⊙	Low/Medium/High	Fixed/Adaptive1,2	⊙
	Behind-the-ear type	HB-J1CS	10	4	10	⊙	Conversation / All level	⊙	Low/Medium/High	Fixed/Adaptive1,2	⊙
		HB-W1CS	10	4	10	⊙	Conversation / All level	⊙	Low/Medium/High	Fixed/Adaptive1,2	⊙
		HB-G6CS	10	4	10	⊙	Conversation / All level	⊙	Low/Medium/High	Fixed/Adaptive1,2	⊙
		HB-A1CS	10	4	10	⊙	Conversation / All level	⊙	Low/Medium/High	Fixed/Adaptive1,2	⊙
Rionet Precia IIV	Custom-made type	HI-C3YS	6	4	4	⊙	Conversation level	⊙	Low/Medium	—	⊙
		HI-C1YS	6	4	4	⊙	Conversation level	⊙	Low/Medium	—	⊙
		HI-C2YS	6	4	4	⊙	Conversation level	⊙	Low/Medium	—	⊙
		HI-G8YS	6	4	4	⊙	Conversation level	⊙	Low/Medium	Fixed/Adaptive2	⊙
	Behind-the-ear type	HI-G7YS	6	4	4	⊙	Conversation level	⊙	Low/Medium	—	⊙
		HB-J1YS	6	4	4	⊙	Conversation level	⊙	Low/Medium	Fixed/Adaptive2	⊙
		HB-W1YS	6	4	4	⊙	Conversation level	⊙	Low/Medium	Fixed/Adaptive2	⊙
		HB-G6YS	6	4	4	⊙	Conversation level	⊙	Low/Medium	Fixed/Adaptive2	⊙
		HB-G9YS	6	4	4	⊙	Conversation level	⊙	Low/Medium	—	⊙

⊙ is standard equipment. ○ is a free option. △ is a paid option.

Data Logging 	Multi Memory (Number) 	Start memory Setting 	Mute Function 	Induction Coil 	Audio Input 	Waterproof Function 	Start Time Setting 	Beep Sound 	Measures against Smartphone Noise 	Sweat resistance coating 	Either way Circuit 
⊙	—	—	—	—	—	—	⊙	Pure tone	⊙	⊙	⊙
⊙	△ (4)	△	△	—	—	—	⊙	Pure tone	⊙	⊙	⊙
⊙	○ (4)	○	○	—	—	—	⊙	Pure tone	⊙	⊙	⊙
⊙	○ (4)	○	○	—	—	—	⊙	Pure tone	⊙	⊙	⊙
⊙	—	—	—	—	—	—	⊙	Pure tone	⊙	⊙	⊙
⊙	⊙ (4)	⊙	⊙	⊙	—	⊙	⊙	Pure tone	⊙	⊙	⊙
⊙	⊙ (4)	⊙	⊙	—	—	—	⊙	Pure tone	⊙	⊙	⊙
⊙	⊙ (4)	⊙	⊙	⊙	⊙	—	⊙	Pure tone	⊙	⊙	⊙
—	—	—	—	—	—	—	⊙	Pure tone	⊙	⊙	⊙
—	△ (4)	—	△	—	—	—	⊙	Pure tone	⊙	⊙	⊙
—	○ (4)	—	○	—	—	—	⊙	Pure tone	⊙	⊙	⊙
—	○ (4)	—	○	—	—	—	⊙	Pure tone	⊙	⊙	⊙
—	○ (4)	—	○	—	△	—	⊙	Pure tone	⊙	⊙	⊙
—	—	—	—	—	—	—	⊙	Pure tone	⊙	⊙	⊙
—	⊙ (4)	—	⊙	⊙	—	⊙	⊙	Pure tone	⊙	⊙	⊙
—	⊙ (4)	—	⊙	—	—	—	⊙	Pure tone	⊙	⊙	⊙
—	⊙ (2)	—	—	⊙	⊙	—	⊙	Pure tone	⊙	⊙	⊙