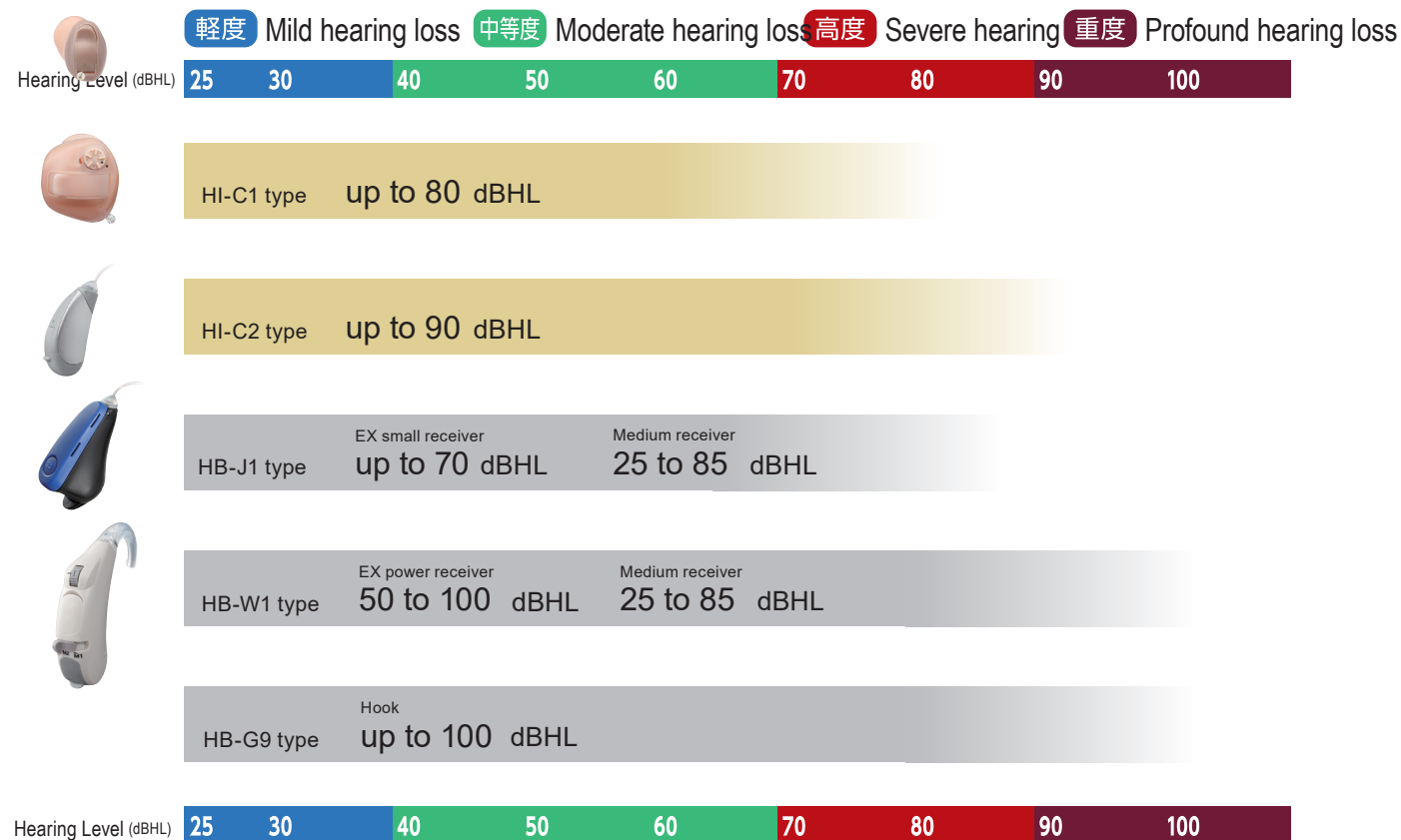


RIONETCLASSE



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

Directionality

Easier to hear conversation from the front

The directional function amplifies the sound from the front as it is and suppresses the sound from the back, making it easier to hear the conversation sound from the front.

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.56-57



AFBC

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 by 25 dB.



Image of the anti-phase method

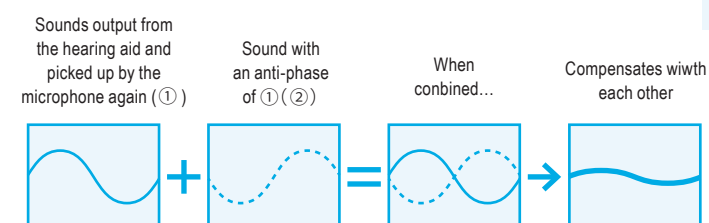
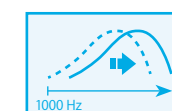


Image of the frequency shift method

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



Model List

Memory button
(Charged option)

Memory button
(Free option)

EX small receiver

Medium receiver

EX power receiver

Medium receiver

GOOD
DESIGN

S tube

Hook

Custom-made
Invisible-In-Canal
(IIC)

Custom-made
In-The-Canal
(ITC)

BTE (RIC)

BTE (Waterproof/RIC)

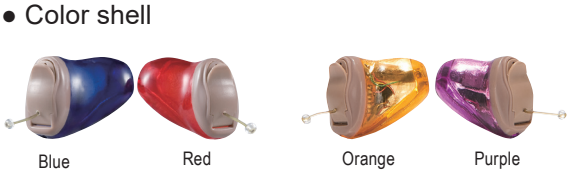
BTE (Hook / S tube)

Rionet Classe	HI-C1CL	HI-C2CL	HB-J1CL	HB-W1CL	HB-G9CL
Battery function	10 (PR536)	312 (PR41)	312 (PR41)	13 (PR48)/HX-R1*	13 (PR48)/HX-R1*
Battery life (Unit: hours) (When used continuously)	105 to 155	160 to 235	EX small / Medium 235 / 190	EX power / Medium 350 / 325 (13(PR48)) 43 / 40 (HX-R1*)	Hook / S tube 265 / 310 (13(PR48)) 32 / 38 (HX-R1*)

• Battery life varies depending on usage conditions.

*Rechargeable battery HX-R1

Color variations for HI-C1



Color variations for BTE

•HB-J1 type



•HB-G9 type



•HB-W1 type



Function List

Model		GAIN (Band)	CRC (Channel)	OPC (Channel)	TK	Noise Reduction NR	Pulse Noise Suppression PNS	Directionality	Feedback Canceled AFBC
Rionet Classe	Custom-made Type	HI-C1CL	6	2	2	⊙	⊙	—	⊙
		HI-C2CL	6	2	2	⊙	⊙	—	⊙
	Behind-the-ear type	HB-J1CL	6	2	2	⊙	⊙	Fixed	⊙
		HB-W1CL	6	2	2	⊙	⊙	Fixed	⊙
		HB-G9CL	6	2	2	⊙	⊙	—	⊙

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

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