

# Blu Feature Summary

Tech Level	Blu-9 Premium	Blu 7 - advanced	Blu 5 - standard	Blu 3 - essential
<b>Outcome</b>	Helps improve listening in all types of environments with additional emphasis on speech to know where it's coming from in crowds and background noise.	Helps improve listening in environments with background noise when speech is coming from the front and sides. Extra noise reduction and an auto music program.	Capable of handling simple listening environments to help you to know where sounds are coming from in quiet environments.	Capable of handling simple listening environments.
<b>Environmental Classification</b>	7 listening environments Conversation in a crowd Conversation in quiet Conversation in a small group Quiet Music Conversation in noise Noise  2 streaming environments Media speech Media music	6 listening environments Conversation in a crowd Conversation in quiet Conversation in a small group Quiet Music Conversation in noise  2 streaming environments Media speech Media music	4 listening environments Conversation in a crowd Conversation in quiet Conversation in a small group Quiet  2 streaming environments Media speech Media music	2 listening environments Conversation in a crowd Conversation in quiet  2 streaming environments Media speech Media music
<b>Sound optimisation &amp; performance</b>	AutoFocus 360 Dynamic noise reduction Soft speech lift Spatial Awareness Pinna Effect Speech enhancement Noise reduction	AutoFocus 360 Dynamic noise reduction Soft speech lift Spatial Awareness Pinna Effect Speech enhancement Noise reduction	Soft speech lift Spatial Awareness Pinna Effect Speech enhancement Noise reduction	Pinna Effect Speech enhancement Noise reduction
<b>Hardware Features</b>	Tap control** Made For All direct connectivity Rechargeable** Telecoil**	Tap control** Made For All direct connectivity Rechargeable** Telecoil**	Tap control** Made For All direct connectivity Rechargeable** Telecoil**	Tap control** Made For All direct connectivity Rechargeable** Telecoil**
<b>Fine Tuning channels</b>	20	20	16	12

# Feature overview

## AntiShock 2

Instantly suppresses sudden, loud & irritating sounds without affecting the speech & sound the wearer wants to hear.

## AutoFocus 360 (tech level 9):

AutoFocus 360 uses a binaural network of four microphones to determine where speech is coming from. It automatically steers the beamformer in this direction, adjusts gain corresponding to the identified direction to minimise the loss of spatial cues and applies dynamic noise reduction when speech is from the front

## AutoFocus (tech level 7):

AutoFocus uses a binaural network of four microphones to determine if speech is coming from the front or another direction. For all directions (other than front) it activates a fixed-wide directional pattern. For speech from the front, AutoFocus adjusts the beamformer forward and applies dynamic noise reduction.

## Feedback manager

Uses phase cancellation to instantly suppress annoying whistling or feedback.

## Tap Control

Accelerometer that detects a double tap and enables easy access to Bluetooth functionalities.

## Automatic Adaptation Manager

Automatically and quickly helps transition new wearers from a comfortable first fit to a full target fitting for long-term optimal performance.

## Spatial Awareness

Uses a binaural network of four microphones to apply targeted directivity variably and asymmetrically across the frequency range to minimise the impact acoustic cues typically lost with hearing instruments.

## Dynamic noise reduction

A spatial noise canceller within AutoFocus 360 that reduces interfering background noise in conversations to focus on speech from the front, even in the most complex situations.

## Equaliser

Provides clients with the ability to customise their sound by making independent (and persistent) changes to bass, mid and treble in any program.

## Integra OS

An advanced signal processing system that combines powerful binaural communication and automatic optimisation of sound performance. It classifies the sound environment and adjusts accordingly for a comfortable listening experience.

## FLEX:UPGRADE™

Allows wearers to start wearing the hearing instruments they need/can afford now but allows them to upgrade technology levels in the future as their needs or budget change.

## Pinna Effect

Applies a small degree of directivity in the mid and high frequencies to minimise the impact acoustic cues typically lose with hearing instruments.

## Noise reduction

Detects undesirable, competing background noises and reduces their volume accordingly.

## Remote Plus app

A smartphone app that is a remote control for hearing instruments, offers clients personalisation features and gives HCPs insights to provide the best level of care.

## Integra OS

An advanced signal processing system that combines powerful binaural communication and automatic optimisation of sound performance. It classifies the sound environment and adjusts accordingly for a comfortable listening experience.



*“This new range from Unitron really is great value for money. The noise reduction features across all technology levels are fantastic & it connects to both iPhone & Android for easy answering of phone calls & Bluetooth streaming.” - Kathy*



*“Blu is highly featured across all levels of technology compared to other manufacturers. The app is compatible with iPhone & Android + you have the added bonus of a Flexi upgrade down the track without having to buy a new device!”- Rennie*



*“Unitron Blu hearing aids offer comfort and ease for you to hear well in different listening situations. It’s a brand that offers more for less. Come and let us assist you in getting the right model that best suits your lifestyle!”- Lying*



**Advanced Hearing WA**