

The smallest thing can make the biggest difference

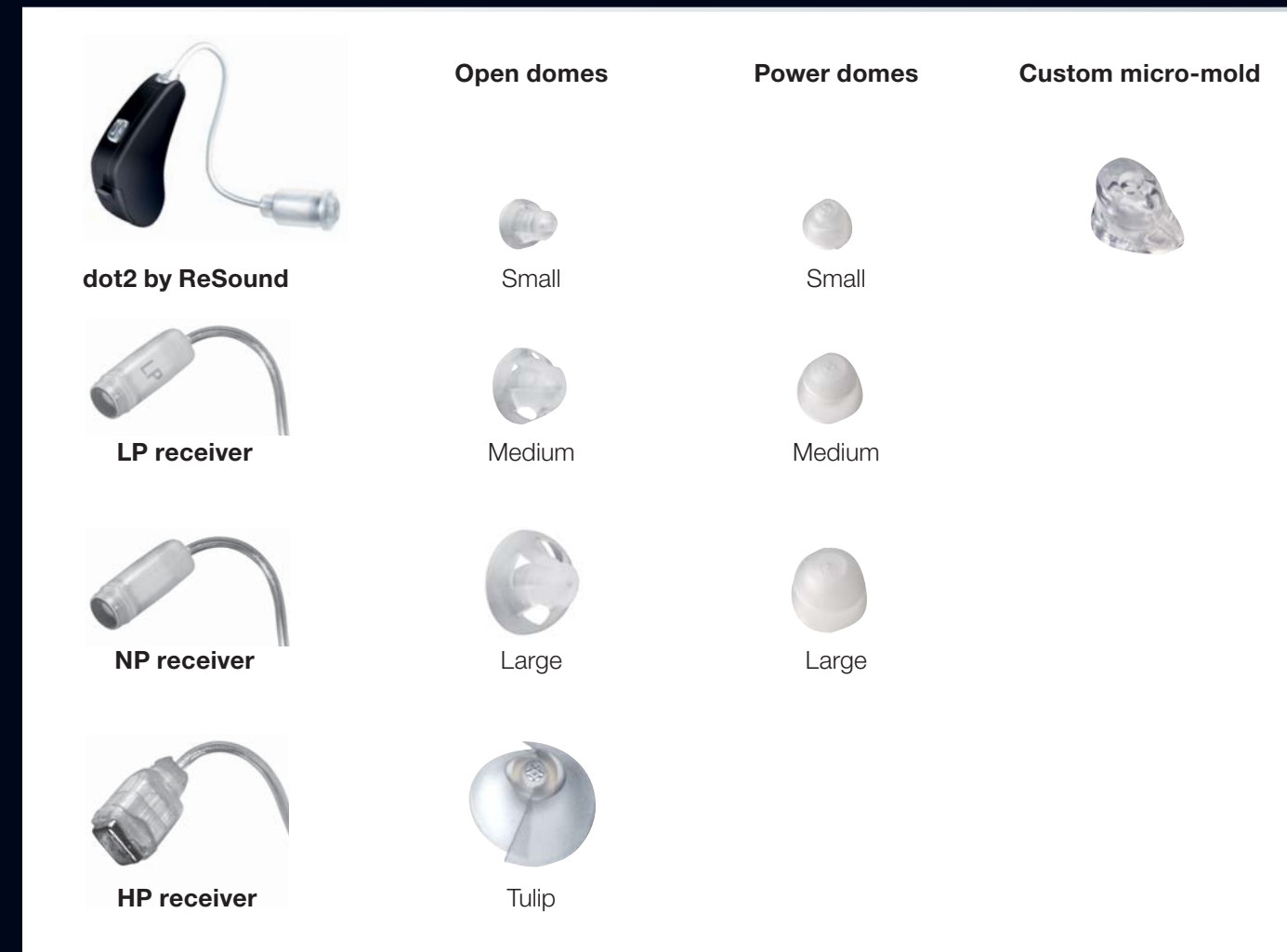
FEATURES*	ADVANTAGES	BENEFITS
Surround sound processor	Sound streams are split into low- and high-frequency bands for independent, optimized sound processing Noise-free, seamless blending point between bands is personalized for the patient	Full, rich sound quality without distortion, microphone noise and wind noise Improved spatial awareness and enhanced ability to localize sounds
AutoScope™ adaptive directionality	AutoScope automatically narrows in on conversations in noisier situations	Clear, enhanced speech understanding in all listening environments
Natural Directionality™ II	Improved Natural Directionality simultaneously provides directional advantage and spatial awareness Inter-aural time differences are preserved by using phase alignment to balance auditory perception between ears	Improved speech understanding in all environments while maintaining awareness of surrounding sounds Completely balanced sound between left and right ears
Warp™ compression with extended bandwidth	Warp delivers high resolution compression, closely mimicking the function of the human cochlea Extended bandwidth	Ensures near-zero distortion and remarkable sound quality Delivers the most natural sounding listening experience
Dual Stabilizer® II DFS with WhistleControl	Dual Stabilizer II DFS delivers more stable headroom and fewer artifacts WhistleControl technology delivers a distortion-free feedback emergency brake	Comfortable and feedback-free sound quality for a wider range of hearing losses Stable performance and superior sound quality even in feedback-prone situations such as during telephone use
Noise Tracker™ II noise reduction	Spectral subtraction noise reduction attenuates noise without loss of speech perception	Background noises are reduced to increase patient comfort
Environmental Optimizer™	Sophisticated classification system of seven sound environments enables automatic and personally optimized gain adjustments in dynamic listening conditions	Automatic gain adjustments ensure excellent sound comfort and speech clarity in every listening environment

* Please note that features are dependent on models.

dot² by ReSound®—choose the dot² that suits you best

With 15 great colors to choose from, your patients get just the dot2 they want.

-  Light blonde
-  Silver
-  White gloss
-  Metallic cerise pink
-  Medium blonde
-  Pearl white
-  Cream
-  Monza red
-  Dark brown
-  Velvet black
-  Blue gloss
-  Transparent
-  Marble gray
-  Soft charcoal
-  Metallic neon green



dot² by ReSound®



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ReSound
rediscover hearing

MK602283 Rev.B

ReSound
rediscover hearing

dot² by ReSound®

A very different animal

dot² by ReSound adds new functionality and enhanced technology to further benefit your patients. It's more than just building on all the great features you loved in the original dot. It's a very different animal.

Out-of-sight design

- Slim, lightweight and comfortable
- Now with three receiver options—Low Power, Normal Power, High Power
- Superior durability with three double-protection systems

Out-of-sight sound quality

The surround sound processor is a revolutionary technology that mimics the natural ear. It processes bass and treble separately, delivering a richer and clearer sound quality by providing the following added benefits:

- Better speech understanding in noise
- Equalized loudness in both frequency regions in all directional modes
- Elimination of microphone and wind noise
- Increased awareness and improved ability to localize sounds
- **Natural sound**—A high-resolution, 17-band Warp™ compression system closely mimics the function of the human cochlea delivering a pure and natural sound quality—now with extended bandwidth through 7 kHz.
- **Listening comfort**—The latest generation of our feedback manager, Dual Stabilizer® II DFS, gives stable and virtually feedback-free sound. On top of this, our new WhistleControl™ technology acts as an “emergency brake” to ensure comfortable sound, even in the most demanding situations.
- **Better speech understanding**—NoiseTracker™ II delivers superb noise reduction by providing listening comfort without adversely affecting the patient's ability to understand what people are saying, even in challenging listening environments.

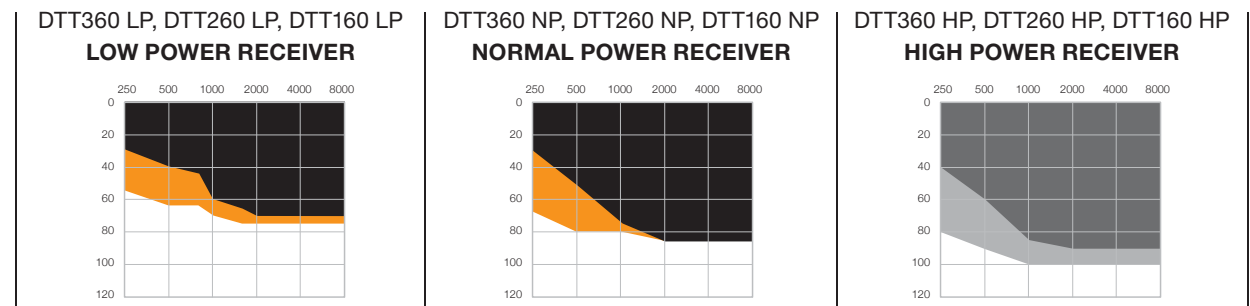
dot² by ReSound is available in three price categories—dot² by ReSound 30, dot² by ReSound 20 and dot² by ReSound 10—to better accommodate different needs and budgets.



Technical specifications for dot² by ReSound with low, normal or high power receiver

		DTT360 LP, DTT260 LP, DTT160 LP LOW POWER RECEIVER		DTT360 NP, DTT260 NP, DTT160 NP NORMAL POWER RECEIVER		DTT360 HP, DTT260 HP, DTT160 HP HIGH POWER RECEIVER		
		Closed	Open	Closed	Open	Closed	Open	
Reference test gain (60 dB SPL input)	HFA	24	25	33	32	36	37	dB
Full-on gain (50 dB SPL input)	Max	43	42	50	49	57	52	dB
	HFA	35	35	42	42	46	47	dB
Maximum output (90 dB SPL input)	Max	108	107	115	114	119	117	dB SPL
	HFA	104	104	110	110	113	114	dB SPL
Total harmonic distortion	500 Hz	1.1	1.1	1.1	1.1	1.1	1.0	%
	800 Hz	0.8	0.8	0.9	0.7	0.9	0.6	%
	1600 Hz	0.8	0.7	1.0	0.9	1.3	0.8	%
Equivalent input noise (without noise reduction)		26	26	29	28	27	26	dB SPL
Frequency range (DIN 45605)		100–6840	100–6740	100–6975	160–6925	100–7110	100–7110	Hz
Attack time (ANSI RTG -7 dB)		12	12	12	12	12	12	ms
Release time (ANSI RTG -7 dB)		70	70	70	70	70	70	ms
Current drain		0.9	0.9	0.9	0.9	0.9	0.9	mA
Typical battery life	Battery size 10A	100	100	100	100	100	100	hrs

■ Open configuration
 ■ Closed configuration
 ■ Power—Open configuration
 ■ Power—Closed configuration
 ANSI S3.22-2003
 2cc coupler



Key features

	Price categories:			
	Top	Plus	Basic	
	dot ² by ReSound			
	30	20	10	
Awareness and localization				
Surround sound processor with integrated wind noise suppression	●	●	●	○ Standard
Personalized blending point	●	⊙	⊙	
Sound quality				○ Advanced
17-Band Warp™ compression—extended bandwidth to 7 kHz	●	●		
9-Band Warp™ compression—extended bandwidth to 7 kHz			⊙	
Dual Stabilizer® II DFS	●	●	●	⊙ Advanced
WhistleControl™	●	⊙	○	
NoiseTracker™ II noise reduction	●	⊙	○	
Performance in noise				● Ultimate
Natural Directionality™ II	●			
AutoScope™ adaptive directionality	●			
MultiScope™ adaptive directionality	●	⊙		
Adaptive directionality			○	
SoftSwitching™	●	●	●	
Fixed directionality	●	●	●	
EchoStop™	●	●	●	
Ease of use				
Environmental Optimizer™	●			
Onboard Analyzer™ II datalogging	●	⊙	⊙	
SmartStart™	●	●	●	
Flexible fitting capabilities				
Gain handles	9	7	6	
Up to 4 customizable programs	●	⊙	○	
Open fitting capabilities	●	●	●	
Supports multiple domes and custom earmolds	●	●	●	

