A GUIDE FOR PROFESSIONALS

So much more than just powerful



ReSound ENZO Q™

The complete hearing solution for severe-to-profound hearing loss

ReSound GN

ReSound ENZO Q - beyond powerful

Confidence starts with a hearing experience that enables people to hear and enjoy sounds all around them – in any environment – clearly, comfortably, reliably and hassle-free. ReSound ENZO Q, our newest Premium-Plus hearing aid for severe-to-profound hearing loss, is a complete hearing solution that provides high-quality sound from any direction, all the needed gain with no feedback, and seamless connectivity to virtually any audio source.

Combined with remote fine-tuning via ReSound Assist and real-time client support with the new ReSound Assist Live, the result is a more powerful and personalised hearing experience than ever before.

ReSound ENZO Q helps your clients realise their full potential, without exception.



CRYSTAL CLEAR, COMFORTABLE, HIGH-QUALITY SOUND

With added processing capabilities, memory and efficiency, our most powerful chip platform yet provides the foundation for the most advanced sound processing available.

UNRIVALLED CONNECTIVITY AND DIRECT STREAMING

Stream directly from iOS and Android $^{\text{TM}}$ devices and enjoy clear, comfortable sound while on the phone, watching TV, or listening to music.

FULLY PERSONALISABLE TO YOUR CLIENTS' PREFERENCES

Wherever they are, they can adjust their hearing aids and sound experience directly from their phone.

CONVENIENT REMOTE AND REAL-TIME SUPPORT

ReSound Assist and new ReSound Assist Live offer even more ways to get closer to your clients and fine-tune their hearing aids wherever they are.

PERFECTLY COMPLEMENTS COCHLEAR™ IMPLANTS

Create a complementary bimodal solution that improves speech recognition in noise and sound source localisation, including direct streaming to both ears.

Crystal clear, comfortable, high-quality sound

IMPRESSIVE CHIP PLATFORM

ReSound ENZO Q is built on our most powerful chip platform yet, completely redesigned to deliver the most advanced sound processing available. The result is clear, comfortable sound, extensive options for connectivity, and a battery life that lasts up to 20% longer.

CLEAR SOUND

Clarity of sound is vitally important for people with severe-to-profound hearing loss. They also show greater variability in their preferences for amplified sound. Sound Shaper frequency compression can help your clients experience high frequency sounds that would otherwise be inaudible due to hearing loss severity.

BETTER LISTENING ALL AROUND

Hearing in noisy places is a big issue for people with hearing loss.

Binaural Directionality III – a unique application of directional microphones – supports the way people listen in real life, not in the laboratory. It gives them access to sounds all around them, not just in front, for improved spatial sense.

COMFORTABLE SOUND

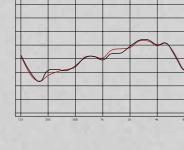
Extra high levels of amplification help people with severe-to-profound hearing loss feel connected and assured in their surroundings, but it is tiresome when uninteresting or unpleasant sounds are amplified.

ReSound ENZO Q strikes the right balance with advanced noise management. Using accurate environmental analysis, Environmental Optimizer II automatically adjusts volume, and NoiseTracker II adjusts noise reduction settings to just-right levels to keep distracting background sounds at comfortable, yet still audible levels. Impulse Noise Reduction takes the edge off sounds with sudden onset, which can be particularly jarring when heard through hearing aids.

LESS FEEDBACK, MORE GAIN

Clear sound is only possible if the hearing aid can provide enough gain without feedback. DFS Ultra II increases the usable gain for any fitting without compromising in dynamic daily situations.





ReSound ENZO Q

Feedback management active

Compared to another premium hearing aid for severe-to-profound hearing loss, DFS Ultra II prevented ReSound ENZO Q from creating a feedback spike when a hand was held near the hearing aid microphones.

ReSound Smart Fit™

From first fit to remote fine-tuning, ReSound Smart Fit offers a fast, intuitive fitting and hearing care experience. You have the tools to meet individual preferences and a selection of fitting prescriptions. Various compression, time constant, and output limiting schemes help you create a personalised sound experience for every ReSound ENZO Q client.

REAL EAR MEASUREMENTS

1. Koehler & Kulkarni, 2014

The AutoREM feature has been shown to be approximately 15% faster in matching prescriptive targets than manual adjustments¹. With AutoREM guiding you step by step, it is easy to automatically and precisely match the real ear gains to a variety of prescriptive targets. The measured data is saved in your NOAH database and can be later viewed in the real ear measurement module.

MORE CARE WHEREVER CLIENTS ARE

The first fit always takes place in the clinic, after which ReSound Assist in your fitting software enables you to stay in touch with your clients remotely. The all-new ReSound Assist Live makes real-time online fitting sessions even more effortless.

60%

improvement in recognising speech from in front in noisy environments¹

Users also performed twice as well when listening to speech coming from the side or the back²

89%

of the time listeners judged impulse sounds such as bottles striking each other as being softer with Impulse Noise Reduction³

2. Compared to other premium hearing aids with strong directionality for severe-to-profound hearing

1. Benefit of directional microphone compared to omnidirectional microphone (data on file)

Compared to other premium hearing aids with strong directionality for severe-to-protound hearing loss, Jespersen et al, 2017

^{3.} Sjolander et al, 2019

Easy and personal sound adjustments

Every person is unique and so is how they are challenged in different listening situations. This calls for a truly personalised hearing solution and experience. For a contemporary and convenient level of personalisation, your clients can control their hearing aids directly from their phone.

The ReSound Smart $3D^{TM}$ app enables users to create the best possible hearing experience in any environment using a swipe and select process – as simple as checking a text message.

Easy and discreet to use, the app places real-time control right at your clients' fingertips. With a range of programs for different sound environments, your clients can optimise sounds, such as speech focus and noise reduction to suit their current situation.

PROGRAM CAROUSEL

Easy swipe-through navigation of all environment programs, from All-Around and Restaurant, to Music and Outdoor.

SOUND ENHANCER

When more clarity is needed, your clients can increase speech focus and reduce noise, including wind noise, with easy-to-use sliding bar functionality. Filters and quick buttons make it easy to optimise clear and comfortable listening.

GEOTAGGING

When your clients find a setting that works for them, they can set it as a favourite. They can even geotag these settings to a preferred location and switch directly to the same settings next time.

FIND MY HEARING AIDS

ReSound ENZO Q hearing aids are designed to stay within reach. Your clients can see the proximity of their hearing aids, and their last recorded position on a map.

RELIEF FROM TINNITUS

If your clients experience tinnitus, they can easily adjust the level of the therapeutic and soothing tinnitus sounds without affecting the volume of their hearing aids.









Even greater connectivity and direct streaming

Your clients can stream directly from iOS and Android[™] devices to their hearing aids and enjoy clear, comfortable sound.

Talking on the phone, watching TV or listening to music, it's as simple as using wireless stereo headphones.



THE OUTCOME IS IMPRESSIVE

Research shows that when streaming to their hearing aids, users can understand 50% more of the conversation on average, compared to a regular phone call.¹

TELECOIL COMPATIBILITY

ReSound ENZO Q also has a built-in telecoil, which enables your clients to connect to loop systems, so they can enjoy amplified sounds delivered directly to their hearing aids in public spaces, such as lecture halls or live venues.

Jesnersen & Kirkwood 2015





Wireless accessories to make life easier

At work or play, ReSound wireless accessories can help your clients in challenging listening situations. The stylish accessories work together as an intelligent system for a seamless real-time listening experience.

ReSound accessories are both future-proof and backward compatible; they make it easy to connect to virtually any sound source and stream the sound directly to ReSound ENZO Q hearing aids.







TV Streamer 2

control 2

ReSound





Multi Mic

Remote control

RESOUND MULTI MIC

Connects with loop and FM systems¹. This mic clips onto the clothing of the conversation partner. It can also be placed on a table to work as a table microphone for larger group conversations.

RESOUND REMOTE CONTROL

The large grooved buttons offer ease of use, especially for clients with dexterity issues. Quick adjustments to hearing aid volume and switching between programs is more discreet than ever, due to the small size.

RESOUND MICRO MIC

Keeping up with conversations in noisy environments becomes easier with this mic. Clip it onto the clothing of the conversation partner – it works up to 80 feet (25 metres) away in a clear line of sight.

RESOUND REMOTE CONTROL 2

Users can comfortably and easily control volume and program settings, adjust their hearing aids, mute them, switch programs, and check all wireless accessory connections.

RESOUND TV STREAMER 2

Stream sound from the TV directly to the hearing aids. The user's volume can be set and adjusted independently of the volume set by any other viewers by using the ReSound Remote Controls.

RESOUND PHONE CLIP+

Clip onto clothing to make clear phone calls, mute background noise, or stream music or audio from any Bluetooth® enabled phone or smart device.

1. FM receiver required

Hearing care wherever you and your clients are

Enjoy even more ways to get closer to your clients and exceed their service expectations. ReSound Assist Live is the exciting new online, real-time, face-to-face element of ReSound Assist¹, our popular remote fine-tuning solution.

OFFER FACE-TO-FACE, REAL-TIME HEARING CARE FROM **ANYWHERE**

Sometimes it can be difficult for a client to get to the clinic or they just need a quick follow-up. Now there is a flexible way for you to remain accessible and visible, and make sure your clients still get the care they need. The new ReSound Assist Live and the ReSound Smart 3D app make online face-to-face fitting sessions a breeze whenever, wherever. Connect via a video call to remotely fine-tune your clients' hearing aids directly from your ReSound Smart Fit software in real time.

SEND FINE-TUNED ADJUSTMENTS ANYWHERE, ANYTIME

Offer your clients an even greater level of service by sending fine-tunings directly to their ReSound Smart 3D app. Keep track of how they feel with the built-in user satisfaction rating.

MORE TOUCHPOINTS FOR CLIENT CARE

With ReSound Assist, our comprehensive remote hearing care solution, you can offer your clients a personalised hearing care programme in multiple ways: live sessions in your clinic, remote face-to-face fittings, and remote fine-tunings.

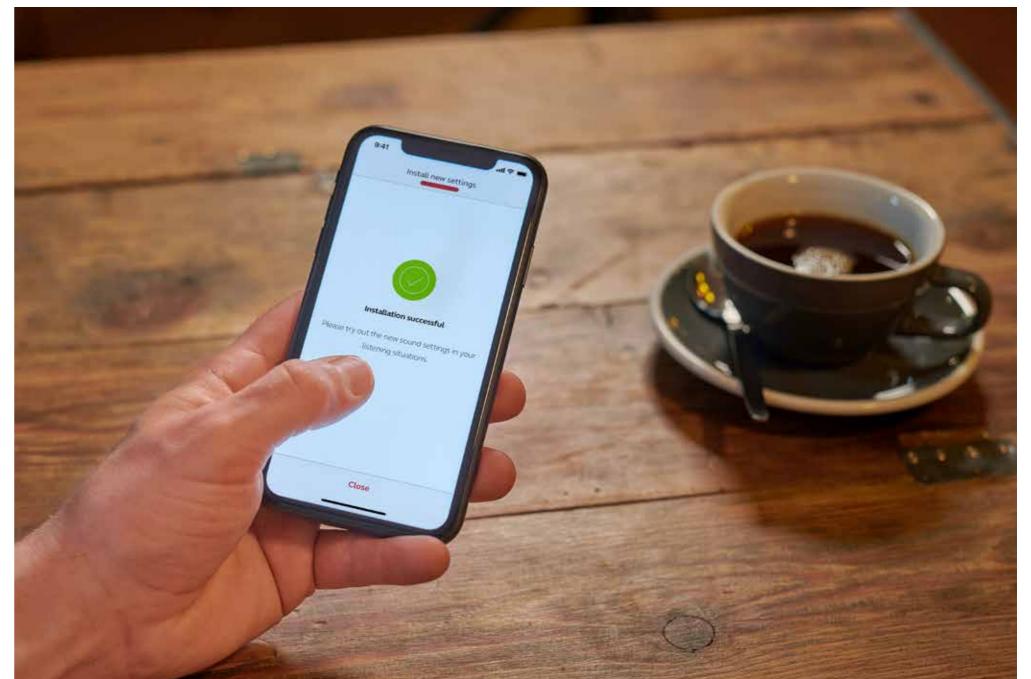
ABOUT RESOUND ASSIST²

070	0/	say they can provide the best fit in a
0 /	70	say they can provide the best fit in a shorter time frame

THIS IS WHAT HEARING CARE PROFESSIONALS ARE SAYING

O ,	, 0	shorter time name
81	%	say it reduces the amount of necessary in-office appointments
94	%	say it enables them to provide a better hearing experience
00	%	say they would recommend ReSound Assist to others





Perfectly complements Cochlear[™] implants

People with a cochlear implant on one ear may experience great benefits with a hearing aid fitted on the opposite ear. The Cochlear $^{\text{TM}}$ implant and the ReSound ENZO Q hearing aid, or other ReSound hearing aids, create a complementary bimodal solution that may improve speech recognition in noise and sound source localisation, while providing superior sound quality, among other benefits, compared with using a cochlear implant alone. $^{1-4}$

CONNECT AND STREAM FOR A FULL BIMODAL EXPERIENCE

ReSound and Cochlear share wireless technology, so your clients can stream directly to their Cochlear implant and their ReSound hearing aid simultaneously from a compatible iOS or Android device, or from a range of wireless accessories.* With more sound to both ears and superior sound quality compared to using a cochlear implant alone⁴, they can take phone calls, enjoy their favourite music or TV series, or chat easily with a companion at a noisy restaurant.⁵

The Smart Hearing Alliance, a unique collaboration between Cochlear and ReSound, makes it easy to provide a bimodal solution for your clients. Together, Cochlear and ReSound have developed a step-by-step guide to help you optimise the bimodal fitting. This includes aligning the acoustic indicators of the hearing aid, so the two devices work as one system. The Smart Hearing Alliance also brings advanced connectivity solutions to your bimodal clients.





Smart Hearing Alliance

* For compatibility information and devices visit cochlear.com/compatibility and resound.com/compatibility

Please seek advice from your health professional about treatments for hearing loss. Outcomes may vary, and your health professional will advise you about the factors which could affect your outcome. Always read the instructions for use. Not all products are available in all countries.

Cochlear, Hear now. And always, Nucleus, Kanso, Baha, the elliptical logo, and marks bearing an ® or ™ symbol, are either trademarks or registered trademarks of Cochlear Limited or Cochlear Bone Anchored Solutions AB (unless otherwise noted).



^{1.} Ching TY, Incerti P, Hill M. Binaural benefits for adults who use hearing aids and cochlear implants in opposite ears. Ear Hear (2004 Feb); 25, 9-21.

^{2.} Morera C, Cavalle L, Manrique M, et al. Contralateral hearing aid use in cochlear implanted patients: Multicenter study of bimodal benefit. Acta Otolaryngol (2012 Jun); 132, 1084–1094.

Potts LG, Skinner MW, Litovsky RA., et al. Recognition and localization of speech by adult cochlear implant recipients wearing a digital hearing aid in the nonimplanted ear (bimodal hearing). J Am Acad Audiol (2009 Jun); 20, 353-373

^{4.} Farinetti A, Roman S, Mancini J, et al. Quality of life in bimodal hearing users (unilateral cochlear implants and contralateral hearing aids). Eur Arch Otorhinolaryngol (2015 Nov): 272, 3209–3215.y

Preliminary data on file: Clinical evaluation of the Cochlear Nucleus® CI532 cochlear implant in adults (CLTD5685). 2019, Jan. [Sponsored by Cochlear].

Stylishly reliable and robust

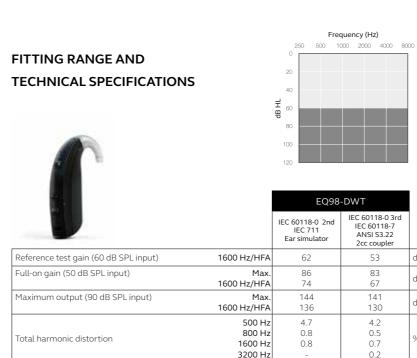
No matter how active your clients are, it's important that the technology and devices they choose are resilient and robust. ReSound ENZO Q is designed to withstand the needs of all users.

Available in two powerful models, the High Power BTE 88 and Super Power BTE 98 impress with their long battery life, which is a great advantage when streaming. Both models are available in 10 elegant colours to suit the style of the individual user.

ReSound understands how much your clients rely on their hearing aids. Therefore, each robust ReSound ENZO Q hearing aid is factory treated with a protective iSolate nanotech coating, which repels water, earwax and debris to protect the delicate electronics. The new hearing aids also boast a dust and water resistance rating of IP68.







Max.

1600 Hz/HFA

123

106

100-6120*

1.3/1.7

Telecoil sensitivity (1 mA/m input)

Full-on telecoil sensitivity @ 1mA/m

1/3 Octave Equivalent input noise, w/o

Frequency range IEC 60118-0: 2015

Current Drain (Quiescent / Operating)

Equivalent input noise, w/o Noise

reduction

Noise reduction

HFA - SPLIV @ 31.6 mA/m (ANSI)



Frequency (Hz)
250 500 1000 2000 4000 8000

dB SPL

dB SPL

dB SPL

113

113

98

27

100-5200 Hz

1.3/3.3 mA

16

^{*} Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

^{*} Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

FEATURE OVERVIEW RESOUND ENZO Q

FEATURE	ADVANTAGE	BENEFIT
Binaural Directionality III		
	Continuous ear-to-ear exchange of data about the environment optimizes polar patterns and microphone settings in any listening situation.	By providing the brain with the right information from both ears, your clients can effortlessly follow conversations and shift attention naturally.
Spatial Sense		
	Combines algorithms that restore pinna cues and interaural level differences to provide the brain with natural acoustic information for spatial hearing.	Supports your clients' ability to detect where sounds are coming from, so they experience a more natural sense of their surroundings.
Binaural Environmental (Optimizer II	
Q Q	The hearing aids work together to analyze and accurately classify the listening environment, automatically adjusting gain and noise reduction settings.	This means your clients can enjoy optimal audibility and listening comfort, even when moving through rapidly changing sound environments.
Noise Tracker II		
	A unique spatial subtraction technology reduces unwanted noise without degrading the speech signal.	This improves your clients' comfort in noisy listening situations, without compromising speech understanding.
mpulse Noise Reduction		
	Reduces amplification for sudden, brief noises.	Improves listening comfort for impulse sounds without sacrificing audibility for moderate and loud sounds your clients need to hear.
Sound Shaper		
	High frequency sounds are compressed in the frequency spectrum. A proportional relationship between input and output frequencies is maintained to minimize distortion.	This improves the audibility of speech cues that would otherwise have been lost, while maintaining the best sound quality possible.
DFS Ultra II		
©	Our unique, 2-channel, 2-filter system cancels acoustic feedback with even more precision.	This means your clients can enjoy extra comfort, and better audibility without feedback.
Flexibility in amplification	n strategies and time constants	
Q	ReSound ENZO Q offers semi-linear and linear compression modes as alternatives to WDRC.	This makes fitting more flexible by compensating for different loudness sensitivities, so you can provide comfortable sound levels for your clients.
Low frequency boost		
\$ \$	A convenient tool to quickly fine-tune the gain of frequencies below 1000 Hz.	Provide a richer and fuller experience in sound quality.

TECHNOLOGY LEVELS

MODEL	9	7	5	
Device Configurations				
Battery size		HP: 13, SP: 675		٦
Colours available		10		
Audiological Features				
WARP compression (WDRC)	17	14	12	٦
number of channels				4
Binaural Directionality III	•	-	-	4
Spatial Sense	•	-	-	4
Binaural Directionality	-	•	-	4
Natural Directionality II	•	•	•	4
Directional Mix Processor	•	•	•	4
Adjustable directional mix	•	-	-	4
Synchronised Soft Switching	•	•	-	4
Soft Switching	•	•	•	4
Autoscope Adaptive Directionality	•	-	-	╛
Multiscope Adaptive Directionality	-	•	-	╛
Adaptive Directionality	-	-	•	╛
Binaural Environmental Optimiser II	•	-	-	╛
Environmental Optimiser	-	•	-	
Noise Tracker II	•	•	0	
Expansion	•	•	0	٦
mpulse Noise Reduction	•	•	-	٦
Wind Guard	•	•	0	٦
Sound Shaper	•	•	•	٦
DFS Ultra II	•	•	•	٦
Music Mode	•	•	•	1
Synchronised Acceptance Manager	•	•	•	1
Low Frequency Boost	•	•	0	┪
Amplification Strategy				1
(WDRC/Semi-Linear/Linear)	-	-	_	4
Tinnitus Sound Generator	•	•	•	
Functional Features				4
Synchronised Push Button	•	•	•	╛
Synchronised Volume Control	•	•	•	╛
Smart Start	•	•	•	╛
Phone Now	•	•	•	╛
Comfort Phone	•	•	•	╛
Ear to Ear Communication	•	•	•	
Direct audio streaming	•	•	•	٦
ReSound TV Streamer 2, Remote Control, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	•	•	•	7
ReSound Smart 3D™ app	•	•	•	1
ReSound Assist				
Remote Fine Tuning		•	•	٩
	•	•	•	+
Remote Firmware Updates	_	•	_	
Fitting Features				
ReSound Smart Fit™ 1.6 or higher	•	•	•	4
Fully Flexible Programs	4	4	4	4
Auto DFS	•	•	•	╛
Onboard Analyser II				

COMPATIBILITY OVERVIEW STREAMING, APP CONTROL AND WIRELESS ACCESSORIES



Mon-/binaural

Direct select

•

•

•

Direct select



Phone Clip+

Binaural

oggle (1-2-3-1...)



Mon-/binaural

Toggle (1-2-3-1...)

Toggle (1-2-3-1...) Toggle (1-2-3-1...)



Remote Control









Streaming options

	Phone Clip+	Multi Mic	Micro Mic	TV Streamer 2	
STREAMER FUNCTIONALITY	STREAMER FUNCTIONALITY				
Power Source	Rechargeable – portable	Rechargeable – portable	Rechargeable - portable	Wall plug-in A/C adapter - stationary	
Audio Quality	Stereo (A2DP)	Mono	Mono	Stereo	
Voice Pickup	Directional microphone	Directional/ Omnidirectional	Directional microphone		
Telecoil		•			
Line-in		•		•	
FM compatibility (FM receiver required)		•			
Audio streaming frequency range	A2DP streaming: 100 Hz to 10000 Hz Phone: 200 Hz to 3400 Hz	100-8000 Hz ±3 dB (Telecoil: 350-8000 Hz)	100-8000 Hz ±3 dB	100-10000 Hz	

Tinnitus Manager adjustments

Find your lost hearing aid Phone operation Display of control options

* Available in ReSound ENZO Q 9

Control options

Volume adjustments

Streamer selection

Hearing aid mute OTHER FUNCTIONS ReSound Assist

VOLUME AND PROGRAMME FUNCTIONS

Balance hearing aid volume vs. streaming volume

Quick buttons - shortcuts to sound optimisation Sound Enhancer - wind, noise, speech adjustment*

Sound Enhancer - bass/middle/treble adjustment

Create favourite programme with or without geo-tags Programme/streamer name customisation by user

Hearing aid programme selection

Phone and app options

Display battery status of rechargeable RIE 61

Phone		Compatible ReSound product
iPhone*	Phone call	ReSound ENZO Q
iPhone*	App use	ReSound Smart 3D
Android phones**	Phone call	ReSound ENZO Q
Android priories**	App use	ReSound Smart 3D
Other Bluetooth-enabled phones	Phone call	ReSound ENZO Q and Phone Clip+

^{*} The ReSound Smart 3D app can be used on iPhone, iPad and iPod Touch.

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Go to resound.com/compatibility for the full list of compatible devices.

^{**} Compatible from Android version 10 and Bluetooth 5.0 with the Android Streaming to Hearing Aids feature.

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At ReSound we understand how important it is for you to have a partner you can trust. One that not only has the latest technology, but also a shared commitment to go that extra mile to help people with hearing loss successfully adapt to life with hearing aids. So it's good to know we've been keeping our promise to help make life sound better for over 150 years, enabling you to help your clients hear more, do more and be more than they ever thought possible.

ReSound is part of the GN Group – pioneering great sound from world-leading ReSound hearing aids to Jabra office headsets and sports headphones. The GN Group was founded in 1869, employs over 5,000 people, and is listed on NASDAQ OMX Copenhagen.

Find out how you can help your clients benefit from the complete hearing solution for severe-to-profound hearing loss, ReSound ENZO Q.

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