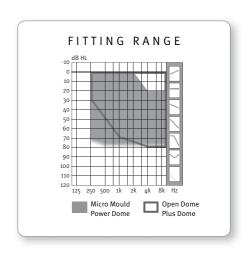




## PRODUCT INFORMATION - MINI SERIES

Oticon Dual Mini is a series of RITE hearing devices powered by a size 10 battery. Dual Mini combines the most advanced acoustic performance with a discreet and beautiful design. The technology incorporated in the Dual Mini provides wearers with a natural sound experience and the ability to communicate in even the most challenging listening environments. Available for users with a mild to severe hearing loss, Dual Mini is available in 3 performance versions: m9, m7, and m5.



## **KEY FEATURES**

## RISE

The Dual Mini series is based on the RISE technology ensuring ultra fast audio processing. This provides superior undistorted sound quality in all listening environments.

# Attractive Design and Advanced Technology

The all new Dual Mini incorporates a hearing device design which has been proven to attract new users, many of whom have rejected the idea of wearing a traditional hearing instrument. The advanced technology in Dual, combining the receiver-in-the-ear concept with the RISE technology guarantees the client optimal sound quality and cosmetics.

## **Extended Bandwidth**

Vital sound cues from the listening environment, needed for a natural sense of spaciousness, are maintained through the output bandwidth of up to 10 kHz.

## **Advanced Feedback Control**

Dual uses Oticon's new dynamic feedback cancellation system (DFC2). This highly effective feature eliminates feedback in almost every situation.

## **Moisture and Wax Protection**

Dual instruments are treated with a moisture repelling nanocoating to prevent corrosion, and Dual receivers benefit from a double layer of wax filters.

## **Battery Life**

Dual's optimized RISE technology gives your patients up to 105 hours of battery life from a standard 10 battery.

### Standard Features

- O Extreme bandwidth 10 kHz
- O Optimized battery life
- O Dynamic Feedback Cancellation 2
- O Phonecoil
- O AutoPhone program
- O TriState Noise Management
- O Multiband Adaptive Directionality
- O Voice Aligned Compression (VAC)
- O Clarity2
- O Identity Selector, up to 5 profiles
- Automatic and manual
   Adaptation Manager
- O Front Focus
- Memory





Technical Information

coupler system.

All measurements are made in a closed



Scale 1:1

## Technical Information

All measurements are made in a closed coupler system.

# EAR SIMULATOR Measured according to IEC 60118-0 (1983), IEC 60711 (1981) and DIN 45605. OSPL90 200 Hz 500 1000 2000 Hz 5000 10000 Full-on Gain Frequency Response

200 Hz 500 1000 2000 Hz 5000

--- Acoustic input: 60 dB SPL

OSPL90	Peak	119 dB SPL	108 dB SPL
	1600 Hz	109 dB SPL	101 dB SPL
	Average	108 dB SPL	102 dB SPL
Full-on gain	Peak	58 dB	47 dB
	1600 Hz	45 dB	37 dB
	Average	43 dB	38 dB
Frequency range		100-9500 Hz	100-9000 Hz
Phonecoil sensitivity	HFA SPLITS L/R	-	89/89 dB SPL
Total harmonic distortion	500 Hz	0.4 %	0.4 %
(Input 70 dB SPL)	800 Hz	0.5 %	0.5 %
	1600 Hz	0.8 %	0.8 %
Equivalent input noise level (	A) Omni	20 dB SPL	18 dB SPL
	Dir	33 dB SPL	29 dB SPL
Battery consumption	Quiescent	o.9 mA	o.9 mA
	Typical	0.9 mA	0.9 mA

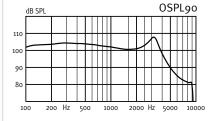
Estimated battery life	Typical	100 hours
(Size 10, IEC PR70)	Range	90-105 hours*
IRIL (IEC 60118-13)	GSM/DECT	-25/-15 dB SPL

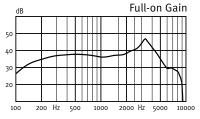
<sup>\*)</sup> Depending on battery capacity

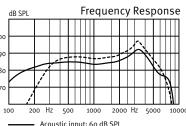
## 2 C C C O U P L E R

MINI SERIES (mg)

Measured according to ANSI S3.22 (2003) and S3.7 (1995), IEC 60118-7 (2005) and IEC 60318-5 (2006).





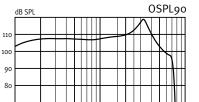


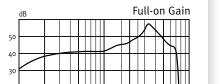
	Acoustic input: 60 dB SPL Phonecoil response
<i>_</i>	SPLITS

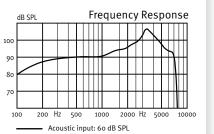
OSPL90	Peak
	1600 Hz
	Average
Full-on gain	Peak
	1600 Hz
	Average
Frequency range	
Phonecoil sensitivity	HFA SPLITS L/R
Total harmonic distortion	500 Hz
(Input 70 dB SPL)	800 Hz
	1600 Hz
Equivalent input noise level (	(A) Omni
	Dir
Battery consumption	Quiescent
	Typical

## EAR SIMULATOR

Measured according to IEC 60118-0 (1983), IEC 60711 (1981)

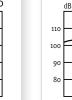


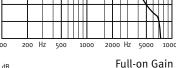


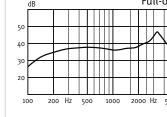


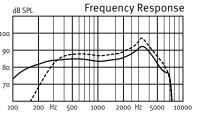
2CC COUPLER Measured according to ANSI S3.22 (2003) and S3.7 (1995), IEC 60118-7 (2005) and IEC 60318-5 (2006).

OSPL90









108 dB SPL 101 dB SPL 102 dB SPL 47 dB 37 dB 38 dB 100-7200 Hz 89/89 dB SPL 0.4 % 0.5 % 0.8 % 18 dB SPL 29 dB SPL 0.9 mA o.9 mA

Acoustic input: 60 dB SPL
Phonecoil response SPLITS

OSPL90	Peak	119 dB SPL
	1600 Hz	109 dB SPL
	Average	108 dB SPL
Full-on gain	Peak	58 dB
	1600 Hz	45 dB
	Average	43 dB
Frequency range		100-7400 Hz
Phonecoil sensitivity	HFA SPLITS L/R	-
Total harmonic distortion	500 Hz	0.4 %
(Input 70 dB SPL)	800 Hz	0.5 %
	1600 Hz	0.8 %
Equivalent input noise level (	(A) Omni	20 dB SPL
	Dir	33 dB SPL
Battery consumption	Quiescent	o.9 mA
	Typical	0.9 mA

Estimated battery life	Typical	100 hours
(Size 10, IEC PR70)	Range	90-105 hours*
IRIL (IEC 60118-13)	GSM/DECT	-25/-15 dB SPL

<sup>\*)</sup> Depending on battery capacity

## Oticon • Dual

FEATURES	m9	m7	m5	
Bandwidth	10 kHz	8 kHz	8 kHz	
Fitting bands	10	8	6	
Adaptive Directionality	Multiband	Multiband	Singleband	
Front Focus	Yes	Yes	Yes	
Noise Management	TriState	TriState	Two state	
VAC/Clarity2 rationales	Yes	Yes	Yes	
DFC2	Yes	Yes	Yes	
Memory/datalogging	Yes	Yes	Yes	
Phonecoil	Yes	Yes	Yes	
AutoPhone	Yes	Yes	Yes	
Identities	5	5	3	

## RITE STYLE

Speaker Unit Available in four lengths: Short, Medium, Long

and Extra Long (1-4).

Ear Piece Open dome: available in three sizes - 6 mm, 8 mm

and 10 mm.

Plus dome: available in one size.

Power dome: available in three sizes - 8 mm, 10 mm

and 12 mm.

Micro Mould: Requires taking an impression.

Ear Grip Ensures a secure and comfortable grip. One version

fits right and left ear.

## ${\tt FITTING}$

Dual Mini is programmed using the Genie 2008.2 Fitting Software (or higher) compatible with NOAH 3 (or higher). They can be programmed using programming cable #3 and FlexConnect.

