



## ReSound Match Super Power Product Information

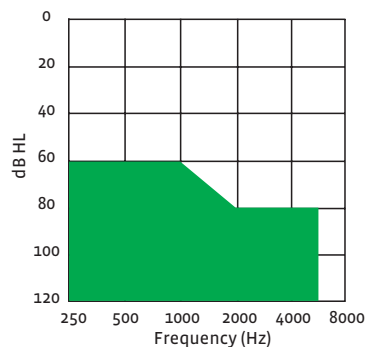
### Match MA3T90-VI

With ReSound Match Super Power BTE it is now possible to offer all the benefits of digital technology combined with an easy, instant match for your customers' need for Severe to Profound hearing loss.

ReSound Match Super Power BTE is easy to fit – no cables or computers are needed. A simple screwdriver can effectively adjust the colour coded trimmer controls to give your customers the perfect fit.


To further support a better hearing solution, ReSound Match also offers a strong digital package with feedback management and noise reduction. This combined with both an analogue Volume Control and a push button you will be able to improve your customers overall listening experience!

### Fitting Range




### Digital Trimmer Reference


MA3T90-VI - MPO control  
- Low Frequency control  
- High Frequency control



**MPO Control:**  
Output varies up to 24 dB



**Low Frequency Control:**  
Variable up to 30 dB at 500 Hz



**High Frequency Control:**  
Variable up to 20 dB at 4000 Hz

### Key Features

- Reliable and powerful design
- Feedback Management
- Noise Reduction
- Strong Linear amplification
- 3 Trimmers
- Analogue Volume Wheel with numbers 1-4
- Telecoil
- Direct Audio Input (DAI)
- Low Battery Consumption Chip Technology
- Push Button with 4 environmental programmes

### Standard Configuration

- Size 675 battery
- Low battery warning indicator
- Acoustic indicator for programme selection
- Delayed activation notification
- On/Off function Battery Door

### Optional Configuration

- FM link compatible Audio Shoe
- Volume wheel cover
- Cros/BiCros
- Spectacle Adaptor
- 6dB Damped Adult or Baby tone tube
- Undamped Adult or Baby tone tube
- Available in Beige, Dark Brown, Grey, Blue & Red

# Match MA3T90-VI

## Technical Specifications

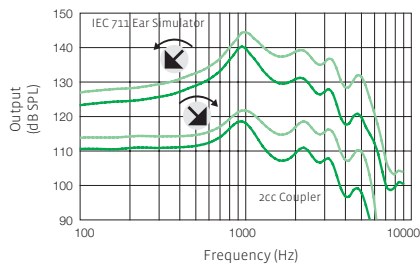
IEC 60118-0  
IEC 711  
Ear Simulator

IEC 60118-7  
2cc Coupler

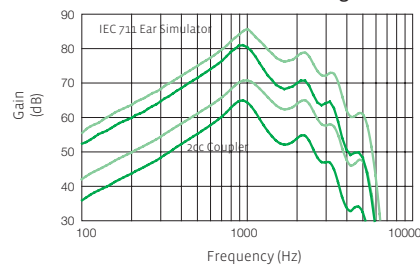
Maximum Output (OSPL 90)	145 dB SPL	141 dB SPL	
Average Output (OSPL 90; 118-0: DIN; 118-7: HFA)	139 dB SPL	133 dB SPL	
Maximum Output (OSPL 90) - damped tone tube	140 dB SPL	136 dB SPL	
Average Output (OSPL 90; 118-0: DIN; 118-7: HFA) - damped tone tube	137 dB SPL	131 dB SPL	
Maximum Gain (Pi=50 dB SPL)	86 dB	81 dB	
Average Gain (Pi=50 dB SPL; 118-0: DIN; 118-7: HFA)	80 dB	72 dB	
Maximum Gain (Pi=50 dB SPL) - damped tone tube	82 dB	78 dB	
Average Gain (Pi=50 dB SPL; 118-0: DIN; 118-7: HFA) - damped tone tube	77 dB	71 dB	
Frequency Range	160 - 4900 Hz	110 - 3660 Hz	
Equivalent Input Noise	28 dB SPL	27 dB SPL	
Total Harmonic Distortion	500 Hz	3.2 %	1.8 %
	800 Hz	1.5 %	0.7 %
	1600 Hz	0.8 %	0.6 %
Telecoil sensitivity (118-0: 10mA/m; 118-7: 31.6mA/m)	Max. /HFA	133 dB SPL	114 dB SPL
Telecoil sensitivity (118-0: 10mA/m; 118-7: 31.6mA/m) - damped tone tube	Max. /HFA	130 dB SPL	115 dB SPL
Current Drain	0.92 mA	2.6 mA	
Battery Life	685 hrs	242 hrs	
Reference Test Gain	63 dB	56 dB	

Data in accordance with IEC 60118-0, IEC 60118-7; Supply Voltage 1.3 V.

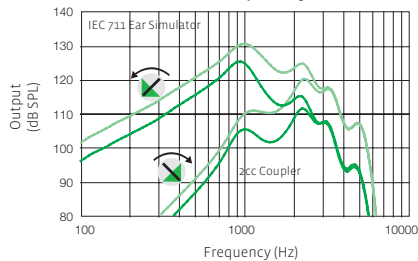
Maximum Output (OSPL90) and effect of MPO control



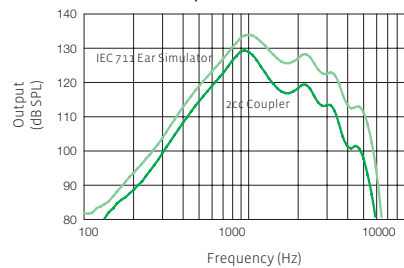
Full-on and Reference test gain



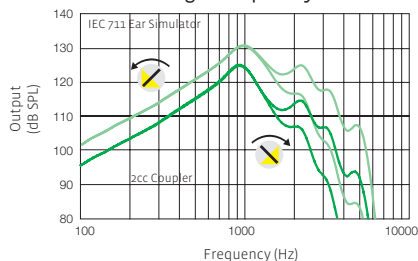
Basic frequency response and effect of Low Frequency Cut



Telecoil Response



Basic frequency response and effect of High Frequency Cut



Ear Simulator  
2cc Coupler

All specifications are subject to change without notice.

17140800-GB-09.06 Rev.A

