

# Product Information

## MA2T80-V & MA3T80-V

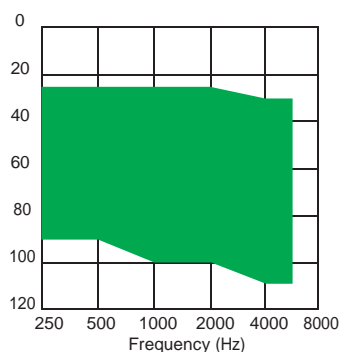
It is now possible to offer all the benefits of digital technology combined with an easy, instant match for your customers' need.

It 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, it 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

MA2T80-V - MPO control

- Low Frequency control

MA3T80-V - 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

- Ergonomic Power BTE design
- Feedback Management
- Noise Reduction
- 2 or 3 Trimmers
- Analogue Volume Wheel with numbers 1-4
- Telecoil (only MA3T80-V)
- Low Battery Consumption Chip Technology
- Push Button with up to 3 environmental programmes

## Standard Configuration

- Size 13 battery
- Low battery warning indicator
- Acoustic indicator for programme selection
- On/Off function Battery Door

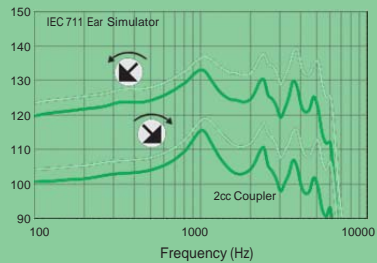
## Optional Configuration

- Volume Wheel cover
- 4 practical colours; Black, Dark Brown, Medium Blonde, & Beige

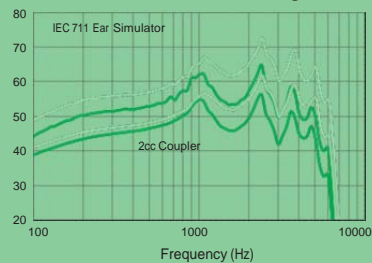
## MA2T80-V & MA3T80-V Technical Specifications

	IEC 60118-0 IEC 711 Ear Simulator	IEC 60118-7 2cc Coupler
Reference Test Gain (60 dB SPL Input)	1600 Hz / HFA 52 dB	51 dB
Full-On Gain (50 dB SPL Input)	Max 72 dB	65 dB
Maximum Output (90 dB SPL Input)	1600 Hz / HFA 62 dB	59 dB
	Max 139 dB SPL	133 dB SPL
Total Harmonic Distortion	1600 Hz / HFA 132 dB SPL	128 dB SPL
	800 Hz 0.4 %	0.2 %
	1600 Hz 0.5 %	0.4 %
P Trimmer effect range	1600 Hz 23 dB SPL	23 dB SPL
L Trimmer effect range	500 Hz 30 dB SPL	30 dB SPL
H Trimmer effect range	20 dB SPL	20 dB SPL
Telecoil sensitivity (1 mA/m input)	Max 98 dB SPL	-
HFA - SPLITS @ 31.6 mA/m (ANSI)	-	110 dB SPL
Equivalent Input Noise, w/o Noise reduction	26 dB SPL	21 dB SPL
1/3 Octave Equivalent Input Noise, w/o Noise Reduction	1600 Hz 11 dB	11 dB
Frequency Range (DIN 45605)	100-6200 Hz	100-6030 Hz
Current Drain	0.92 mA	0.95 mA
Typical Battery Life Time (Battery type 13)	315 hrs	305 hrs

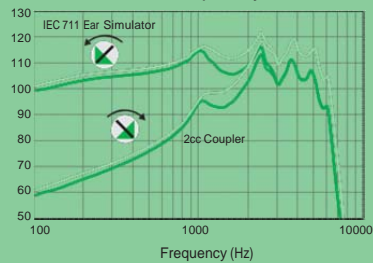
Maximum Output (OSPL90)  
and effect of MPO control



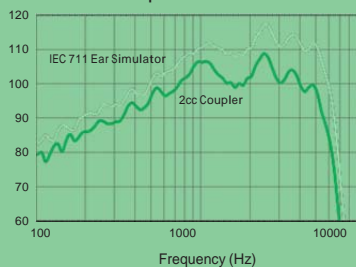
Full-on and Reference test gain



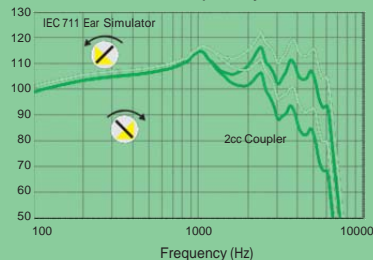
Basic frequency response and  
effect of Low Frequency Cut



Telecoil Response



Basic frequency response and  
effect of Low Frequency Cut



Input/Output Response

