



CANFORD CUSTOM EARMOULDS

- 54-238** CANFORD EARMOULDS FOR WALKMAN EAR DRIVERS Semi-hard acrylic, custom
54-240 CANFORD EARMOULDS FOR WALKMAN EAR DRIVERS Soft silicon-rubber, custom
54-232 CANFORD ACOUSTIC EARTUBE AET2
54-234 CANFORD ACOUSTIC EARTUBE AET4
54-243 CANFORD IN-EAR MICRO MONITORS Custom profile

In-Ear Monitoring (IEM) is a common standard way of working in live performance or situations where discrete listening is required, such as child psychology suites.

There are several important reasons why IEM works so well in live performance. It reduces stage sound levels and the potential for acoustic feedback ("howl-round"). It significantly improves the front of house sound as the output from monitor speakers is not picked up by the stage microphones. It also has the added benefit of reducing monitoring volume to safe listening levels for the artist, avoiding potential long-term hearing problems. These systems can also be used in broadcast applications where presenters will experience a significant improvement in audio quality as well as the same degree of noise exclusion as closed headphones (when the IEM is custom fitted). They can also be used when presenters have to work in high ambient noise environment.

Obtaining Custom Impressions

To obtain custom-made ear moulds, you will need first to get impressions of the user's ears made by an audiologist - a painless and quick procedure that should only be carried out by a qualified professional audiology practitioner. First, the ear is fully examined to establish that it is healthy and that there is not a build up of wax, a small foam block is placed in the ear canal to act as a seal. An impression is then taken by injecting some two-part silicon into the ear with a special syringe. This is left to cure for a few minutes and then removed. The resulting impression should be sent to Canford, who will forward it to a special laboratory where the final ear mould and will be assembled. The supplied impression is used to produce a cast for your personal earmoulds. Our nominated laboratory will keep your ear mould impressions for several months, further ear moulds may be produced during this period. A new impression must be taken of the ear if

a new earmould is required after this period due to natural changes in the ear with time. If you are aware that further earmoulds may be required then please clearly state this on your order so that we may ensure your impressions are kept safely.

Instructions to the Audiologist

Customer must have an impression taken by a hearing aid centre. Impressions should be semi-deep from the second bend in the ear to include all of the concha and helix. Impression material should be two-part silicon.

Where to get it done

Look in your local telephone book under "Hearing Aids". All of the facilities listed should be able to carry out impression taking. Alternatively consult a hospital which has an ENT (ear, nose & throat) department. They should also be able to carry out this procedure.

Prices

This varies widely. In the UK, hospitals are probably the least-cost option but they may well test your patience. All of the companies listed in the telephone book will be independents and are likely to give a better service.

High discretion home/hotel/facility visits

It is possible in London for a consultant to call on a client. If a high degree of discretion is needed (rock stars, presenters) we can recommend an appropriate consultant - mainly for London but they can travel with the attendant costs which this brings. Generally a home/hotel/facility visit in the UK will approximately cost between £150 and £250 sterling.



Finally

Make sure that the impressions are in a plastic bag and then shipped in a small strong cardboard box. Make *absolutely* certain that they are named as the user's name is placed on the earmould during manufacture.

Please include the following information with your earmould:

- C Your name and company
- C The user name to be placed on the earmould
- C Your address and return address
- C Colour of earmould (beige or brown)
- C If you are likely to need more moulds in the next 6-12 months from this impression

UK Approved Audiology Centres for Impression Taking

The following list has been compiled to help you in locating a contact for your impression.

City	Organisation	Contact	Telephone
Birmingham	Birmingham Hearing Centre	Harry Yates	+44 121 212 0616
Manchester	Withington Hospital	Graham Day	+44 161 291 3152
Belfast	Samuel Lewis Hearing Aids	Samuel Lewis	+44 1232 796555
Norwich	Norwich Hearing Aid Centre	Michael McErlain	+44 1603 625201
Liverpool	Tom Fisher Hearing Aids	Tom Fisher	+44 151 526 5932
Aberdeen	Aberdeen Hearing Services	David Bryce	+44 1224 637255
Newcastle	The Hearing Care Centre	Gary Holland	+44 1661 823281
Leeds	Milnes Paramedic	Mr FC Milnes	+44 1532 456365
Exeter	Broom Reid & Harris	Roger Evans	+44 1548 842000
London	Audio Medical Devices	Harvey Franklin	+44 208 663 0760
London (Central)	PC Werth	Martin Lowe	+44 207 580 7676