Introduction

The new Celestion DL Range is the product of an intensive research and development programme. The unique Celestion laser interferometry technique has allowed totally new drive units to be designed with exemplary behaviour under the most demanding listening conditions. Overall system integration has been carefully optimised, and combined with elegant appearance, outstanding performance and lifelong reliability for your listening pleasure.

Please pause for a few minutes to read the following notes before beginning to listen.
Unpacking and Aftercare

Your loudspeakers have been designed to a very high standard of performance and finish. The tough, attractive vinyl surfaces may be polished, or sponged with a little warm, soapy water. If you use aerosol polish then please spray onto a cloth and keep all overspray away from the grille and the drive units beneath.

After unpacking your speakers, we suggest you retain all the packaging, since you may need to transport them at a later date.

If you need to brush the grille fabric on the loudspeaker then we recommend that you remove the grille to do so. Grasp the outer edges of the grille and apply firm pressure against the cabinet to effect easy removal.

Please avoid touching the cone of the bass unit, since it is delicate and easily damaged. Remove build-up of dust by gently blowing from time to time. The tweeter unit domes should also not be touched, but in particular, great care must be taken with the aluminium domes used in some models. Dust only by blowing, and on no account attempt to touch the treble dome behind its protective grille, since this will damage the dome and spoil its performance.

If, for any reason, one of your loudspeakers develops a fault, then contact either your Dealer or the Celestion Service Department for advice.
Room Positioning

In general, the small models in the range, such as DL4, will benefit from closeness to the walls, whilst the larger models, such as DL8, are balanced to work best on stands and at least 18in. away from walls. The difference will be perceived mainly in the bass performance, and no hard and fast rule can be laid down. A little experimentation can make quite a big difference to your listening pleasure.

When you are listening to the loudspeaker, the HF unit should be situated at or near ear level. You will always perceive a more accurate sound picture if you listen from a position halfway between the loudspeakers and eight to ten feet away. This is because in music the high notes are directional and the low notes are not.

Mounting the speaker on wall brackets is acceptable, but NEVER screw to, or through the speaker cabinet when fixing in this way.

Try to avoid having items of furniture or ornaments in or near the sound path to the listener. Such items can cause reflections or absorption and disturb the coherence of the sound picture.

Celestion will gladly advise on speaker placement. A postcard or letter giving some details of your room should be sent to the address at the end of this manual.
Connections

The DL Range are fitted with heavy-duty gold-plated binding posts which will accept cables of most normal thicknesses. 4 m.m. "banana" plugs may also be inserted and ripped with the holding screw.

If you use a bare wire wrap connection make absolutely certain there are no stray strands of wire touching between the + and − terminals. Short circuits of this nature can cause extensive damage to amplifiers.

Make sure you connect your speakers to the amplifier observing the polarity signs. Connect plus (+ red) of the amplifier, to the + terminal of the speaker. Likewise the minus (− black) of the amplifier to the − terminal of the loudspeaker.

You should keep the cable run from the amplifier to the speaker as short as possible and follow the principle that the thicker cable you use, the better. Avoid using cables of a gauge less than 6 amps (32 strands of 0.2mm wire), which has a cross section of 1.0mm². Try to keep the cable runs to less than 5m and you should not go above 10m as performance is likely to be degraded.

You should always use cables of equal length to both loudspeakers. If one run is shorter than the other the excess cable should be folded concertina fashion, into a bundle and tied for neatness. NEVER coil the excess as this will introduce inductance. If you use a separate preamplifier and power amplifier it is advantageous to place the power amplifier close to the speakers and use as short a connecting lead as possible, with a long lead from the preamp to the power amp. As this depends on the characteristics of the amplifier however, you should consult your dealer about this type of installation.

There are many exotic cables available. The use of these is to the listener’s choice. Their use will not harm your loudspeakers, but please, do bear in mind that certain cables have been known to cause problems to amplifiers. If in doubt, seek your dealer’s advice.

Much has been written in recent years on the importance of good connections. To ensure minimal signal degradation make sure ALL connections in your hi-fi system are clean, tight and of good quality. Good hi-fi housekeeping should involve the periodic remaking of connections as oxidisation can occur in even the cleanest of households!
Power Handling

Because of the new design and construction techniques used, your speakers have considerable dynamic capability, and are ideally suited to the stringent performance demands of digital systems.

Your Celestion DL loudspeakers have been designed to operate with quality amplifiers having an output between the limits quoted on the connector panel on the rear of the cabinet.

A note of caution

Celestions power handling figures are based on undistorted speech and music signals. If audible distortion can be heard then loudspeaker damage can occur even on small amplifiers. If you wish to use continuous wave signals please contact the Celestion Technical Department for advice.

Provided you do not overdrive your amplifier, you should not damage your loudspeaker. If you hear distortion when you increase the volume control towards maximum then this is normally a sign of overdriving the amplifier and you should reduce the output level slightly.

Use the frequency response controls on your amplifier, to correct for slight imbalances in programme or room acoustics, but excessive use of bass or treble boost is not recommended as this will limit the overall loudness capability of the system because the amplifier will be overdriven much more easily.
What You Will Hear

You may find this paragraph heading strange but, because your loudspeakers have been designed in a radically new way, to solve a number of fundamental problems, then do not be surprised when you hear an exceptional performance which can, based on listeners’ verdicts to date, be variously described as ‘startling’, ‘disconcerting’ or ‘amazing’.

A system which has been designed with a complete understanding of the vibration of all the drive units, produces a sound which is devastating in its accuracy and transparency. So much so, that you can clearly hear all the ambiences, microphone techniques, equalisations and colourations in the recorded material to such an extent that the difference between good recordings and poor recordings will become even more noticeable, but don’t worry, this means that good recordings will sound better and poor recordings will be shown in their true light.

What you are actually hearing is more of the recording and less of the loudspeaker.
Record Suggestions

To appreciate the full potential of your new loudspeakers we have compiled a short list of recordings which you may wish to listen to, but remember this list is really never-ending.

Now that Compact Disc is an accepted and established recording medium, a selection of available CDs is included in the list.

These recordings have been chosen as much for the musical enjoyment and the involvement they communicate as for their technical excellence. This is, after all, what hi-fi is all about.

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<tr>
<th>John Lennon/ Yoko Ono</th>
<th>“Double Fantasy”</th>
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<td>Quincy Jones</td>
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<td>Marianne Faithful</td>
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<td>Shostakovich</td>
<td>Symph. nos. 6 &amp; 11</td>
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<td>Vivaldi</td>
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<td>Debussy/Ravel</td>
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<td>CD</td>
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<td>Ricki Lee Jones</td>
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<td>Steve Miller Band:</td>
<td>Live</td>
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<td>Phil Collins</td>
<td>“Hello, I must be going”</td>
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<td>“Te Deum”</td>
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<td>Stravinsky</td>
<td>“Firebird”</td>
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<td>Mahler</td>
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<td>Gershwin</td>
<td>“American in Paris”</td>
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<td>Dvorak</td>
<td>Cello Concerto</td>
<td>Decca</td>
<td>410 144-2</td>
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5 Year Guarantee
This Celestion loudspeaker is guaranteed against faulty material and workmanship for a period of 5 years from the date of original purchase, subject to the following restrictions:
1. That the equipment has not been dismantled, modified or tampered with by any person other than an authorised representative.
2. That the equipment has not been abused or operated in conjunction with unsuitable or faulty parts.
3. That the equipment has not suffered mechanical damage or derangement in transit. Should service be required, notify your dealer or local agent and have him arrange onward shipment to your local service department if he confirms the need for attention. In case of difficulty contact the service department directly. Do not despatch goods without the prior agreement of the appointed Celestion service department. If asked to return product for inspection, and, or, repair, the service department will issue authorised return labels which should be affixed to the carefully packed goods, preferably in the original cartons, and returned pre-paid. Insurance is recommended as goods are returned at the owners risk: Celestion Limited cannot be held liable for loss or damage in transit. Packing, Insurance and freight on the return journey will be paid by the Celestion service department if guaranteed work proves to be necessary.
Please complete and register the attached guarantee card within 14 days of purchasing. Failure to register in no way limits or invalidates the guarantee, but in the event of service being required delay may result since the service department cannot begin work until the original sale has been verified. This guarantee is in addition to and in no way detracts from your statutory rights as a consumer.

Garantie 5 ans
Cette enceinte CElestion est garantie pendant une période de 5 ans contre les vices de fabrication ou rupture de matériaux, à partir de la date d’acquisition initiale sous réserve des conditions suivantes:
1. Que l’équipement n’ait pas été démonté, modifié ou “trafiqû” par une personne autre que votre représentant agréé.
2. Que l’équipement n’ait pas été employé de manière abusive ou utilisé avec des appareils inappropriés ou défectueux.
3. Que l’équipement n’ait pas été endommagé ou abîmé lors d’un transport.
Si votre enceinte a besoin d’être dépannée, veuillez en aviser votre revendeur ou l’agent local et le charger d’effectuer si nécessaire, le retour à notre service de dépannage local. En cas de difficultés, adressez-vous directement à notre service de dépannage. N’expédiez pas de marchandises sans l’accord préalable du service de dépannage. CElestion agréé: ces marchandises devront être emballées avec soin, de préférence dans les cartons d’origine avant de les retourner en port payé. Il est recommandé d’assurer les expéditions, les marchandises voyageant aux risques du propriétaire. CElestion ne saurait être tenu responsable des pertes ou dégâts de transport. L’emballage, l’assurance et le fret pour l’expédition du retour au propriétaire seront couverts par le service de dépannage CElestion, s’il s’avère nécessaire d’effectuer une intervention sous garantie. Veuillez remplir et enregistrer la carte de garantie ci-jointe dans les 14 jours qui suivent l’achat. Toute omission quant à l’enregistrement ne limite pas la garantie et ne l’Invalide pas mais au cas où le dépannage s’avérerait nécessaire, ceci risquerait d’entrainer un retard du fait que le service de dépannage ne peut commencer à travailler tant que la date de vente initiale n’a pas été vérifiée. Cette garantie s’ajoute à vos droits statutaires en tant que consommateur et ne les limite aucunement.