Guitar Loudspeakers

celestion.com
90 years of tone

2014 is an important year at Celestion as we celebrate an amazing 90 years of designing and building loudspeakers. Since the birth of the world’s first dedicated guitar speaker, the Celestion Blue, our speakers have been used to articulate some of the all-time great guitar performances. Through the decades we’ve drawn on our experience, know-how and passion for great sound to create new and exciting speakers that have given voice to guitar players of all genres and playing styles. And this, the year of our 90th birthday, is no exception, as we continue the tradition by introducing no less than four new models.

We’re proud to be the people that make the speakers, but it’s you that makes the music. We wouldn’t be here without you.

The Speakers

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Classic Series

For more than 50 years, Celestion has combined paper, metal, wire and magnets to form an essential part of the sound of guitar music. Ever since rock & roll exploded onto the music scene, classic Celestion speakers have played a major role in creating the soundtrack of every decade. And today, we use our years of experience to develop guitar loudspeakers that are insisted upon by players across all musical genres, drawing on our rich sonic legacy while also taking full advantage of modern materials and manufacturing processes. The result of our ongoing development is a comprehensive range of vintage and modern voiced speakers with ceramic or neodymium magnets available with a range of power handling capabilities and in 12” or 10” chassis sizes. These Classic Series speakers are the choice of amplifier designers and players around the world, ensuring Celestion’s ongoing reputation as The Voice of Rock & Roll.

In the year of our 90th anniversary, Celestion’s tradition of innovation is exemplified by four new 12” Classic Series speakers; the G12-35XC, A-Type, V-Type and G12H-75 Creamback.
The 35XC is built using tried-and-tested materials and construction methods, and incorporates several new design features and techniques. Drawing on 90 years' experience, we've been able to create a uniquely versatile speaker whose attributes will be familiar to those who know Pulsonic coned speakers.

Capable of delivering open and musical cleans without sacrificing an immensely satisfying crunch or searing, overdriven lead lines, the 35XC is made to engage your musical soul. This speaker exhibits poise, tonal evenness and freedom from souring colourations, characteristics typical of speakers with Pulsonic cones, as well as adding a little more sparkle and air to your sound.

A 90th Anniversary gift from Celestion to players who won't compromise in their search for great tone.

Developed for our 90th Anniversary year the G12-35XC has been created as a special Limited Edition and hand assembled at our facility in England.

Sure to become an instant and collectible classic, this exceptional guitar speaker incorporates all the tonal characteristics that has made Celestion the world’s favourite guitar speaker, along with a little Pulsonic mojo. Sweeter and more natural, it goes deeper yet still sparkles and shines; all with the famous Celestion vocal roar.
Celestion guitar speakers have been an important part of British guitar tone since the birth of Rock & Roll. Traditionally, they’re known for lively and vocal midrange character with plenty of sparkle and chime, which turns into an exciting growl when overdriven, often compressing when pushed hard.

Inspired by our favourite modern American tones, the A-Type is a different kind of guitar speaker from Celestion. Of course, it still has the musical and revealing three-dimensional quality that is the heart and soul of a Celestion guitar speaker, however it features a more laid-back midrange which reveals body and complexity in the upper register, accompanied by full and rounded low frequencies.

The A-Type conveys a fluid, even performance with an increased headroom threshold that allows your amp’s tone to shine through. Clean players will love the smooth articulation; for rockers the brooding, powerful low end threatens thunder that’s only a heavy riff away!

### General Specifications

- **Nominal diameter**: 12”, 305mm
- **Power rating**: 50W
- **Nominal impedance**: 8Ω & 16Ω
- **Sensitivity**: 96dB
- **Chassis type**: Pressed steel
- **Voice coil diameter**: 1.75”, 44.5mm
- **Voice coil material**: Round copper
- **Magnet type**: Ceramic
- **Magnet weight**: 35oz, 0.99kg
- **Frequency range**: 75-5000Hz
- **Resonance frequency, Fs**: 75Hz
- **DC resistance, Re**: 6.2Ω & 12.7Ω

### Mounting Information

- **Diameter**: 12.2”, 309mm
- **Overall depth**: 5.1”, 130mm
- **Magnet structure diameter**: 5.7”, 145mm
- **Cut-out diameter**: 11.1”, 283mm
- **Mounting slot dims**: 0.31”, 7.9mm Ø
- **Number of mounting slots**: 8
- **Mounting slot PCD**: 11.7”, 297mm
- **Unit weight**: 7.7lb, 3.5kg

**New A-Type**

Built on 90 years of experience, know-how and passion for great sound, the V-Type has been created using a carefully balanced ‘recipe’ of old and new design techniques. Weapon of choice for Richard Fortus of Guns n’ Roses, it delivers authentic Celestion tone together with vintage musicality and a thrilling, tactile responsiveness that leaves you feeling connected to the music and makes you want to keep on playing.

Whatever your style, the V-Type provides a heady and exciting sound, with a superbly balanced tonal signature. Cleans are true across the lows, mids and highs, with just enough upper-mid chime and HF sparkle to add clarity and definition. Crank it up for a sizzling overdrive and raw rock tones, with plenty of midband warmth to give body and substance to lead note playing.

### General Specifications

- **Nominal diameter**: 12”, 305mm
- **Power rating**: 70W
- **Nominal impedance**: 8Ω & 16Ω
- **Sensitivity**: 96dB
- **Chassis type**: Pressed steel
- **Voice coil diameter**: 1.75”, 44.5mm
- **Voice coil material**: Round copper
- **Magnet type**: Ceramic
- **Magnet weight**: 31oz, 0.88kg
- **Frequency range**: 75-5000Hz
- **Resonance frequency, Fs**: 75Hz
- **DC resistance, Re**: 7.3Ω & 12.9Ω

### Mounting Information

- **Diameter**: 12.2”, 309mm
- **Overall depth**: 4.84”, 123mm
- **Magnet structure diameter**: 5.3”, 134mm
- **Cut-out diameter**: 11.1”, 283mm
- **Mounting slot dims**: 0.31”, 7.9mm Ø
- **Number of mounting slots**: 8
- **Mounting slot PCD**: 11.7”, 297mm
- **Unit weight**: 7.2lb, 3.3kg

**New V-Type**
Back in the late 60s, the G12H was created by fixing an 'H' type (heavy) magnet to the body of a G12M guitar speaker. Result: a speaker with more power and a different tonal balance, firmer bass and a more pronounced top end. So we added an 'H' magnet to the G12M-65 Creamback, to create a speaker that delivers the sonic signature of a G12H combined with Creamback levels of power handling.

The result is the G12H-75 Creamback. It provides 75-watts of power handling with ease and has unmistakable G12H tone, with a tighter low end than the G12M-65 Creamback and a punchier, more dynamic high end. The H magnet brings additional focus, body and girth to the Creamback tone. It thickens single notes, resulting in a highly articulate, vocal character. These additional characteristics mean that the G12H-75 Creamback offers exceptional performance when used for lead guitar and sounds massive loaded into a 4x12 cab!

The G12M Greenback is perhaps the definitive vintage Celestion ceramic magnet guitar speaker. Developed in the mid-sixties, it was quickly adopted by players like Hendrix, Clapton, Beck and Page, who typified the louder and more aggressive blues rock playing styles that came to characterize that era.

The G12M-65 Creamback produces the familiar woody G12M tone, but handles greater power making it ideally suited for today’s amps, when a vintage tone is desired. The increased power handling brings with it low end grunt complementing the warm and vocal mid range, crunchy upper-mids and sweet, refined highs.
The G12M Greenback has evolved over the decades but still retains its essential, sought-after tone. Angus Young has been a Greenback devotee since the early days of AC/DC. This model is voiced with additional broad mid-range attack and restrained top-end to give a forward, punchy attitude to chords and a searing lead tone without fizzle. With its well-controlled low-end it can be used singly in low-powered amps, or in multiples for high-power rock heads. It’s an ideal speaker to bring drive and definition to modern high gain amps.

**G12M Greenback**

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**Mounting Information**

| Diameter               | 12.2", 309mm |
| Overall depth          | 5.1", 130mm |
| Magnet structure diameter | 5.9", 150mm |
| Cut-out diameter       | 11.1", 283mm |
| Mounting slot dims     | 0.31", 7.9mm Ø |
| Number of mounting slots | 4 |
| Mounting slot PCD      | 11.7", 297mm |
| Unit weight            | 7.9lb, 3.6kg |

Originally re-released 20 years ago, the G12H remains hugely popular with players who want to deliver authentic hard rock swagger. With a strong, aggressive low-end and powerful low-mids, the G12H penetrates any mix with an attacking upper mid-range and an ice-cool top-end. Used singly or in quartets it provides serious attitude to soft amp tones, easily cutting through loud stage levels for chord work, and imparting a hard edge to single notes. A favourite in the ‘boutique’ amplifier market, the G12H is often used on its own or paired with a Celestion Blue or Gold for a full-bodied sound that adds ceramic attitude to the chime of an Alnico speaker.

**G12H Anniversary**

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</table>

**Mounting Information**

| Diameter               | 12.2", 309mm |
| Overall depth          | 5.3", 135mm |
| Magnet structure diameter | 6.1", 156mm |
| Cut-out diameter       | 11.1", 283mm |
| Mounting slot dims     | 0.31", 7.9mm Ø |
| Number of mounting slots | 4 |
| Mounting slot PCD      | 11.7", 297mm |
| Unit weight            | 10.4lb, 4.7kg |
**Back in 1986 a new breed of hard rock player was on the rise. To meet the demands of the players and their increasingly ‘hot-rodded’ amplifiers, we set out to develop a modern speaker, capable of handling much more power and overdrive. To achieve this, we coupled our ‘H’ magnet (the closest in performance to Alnico) with a new cone and voice coil employing contemporary materials.**

Our most revealing speaker, the Vintage 30 features enormously detailed and complex overtones, a warm low-end, a famously rich vocal mid-range and a beautifully detailed top-end. Used singly to reveal the complexities in hand-wired boutique amps, or in quartets for a wonderfully intricate vintage three dimensional crunch, the Vintage 30 sound has been captured on thousands of recordings by players including Slash and Peter Frampton and bands ranging from Gov’t Mule to Killswitch Engage.

### GENERAL SPECIFICATIONS
- **Nominal diameter**: 12", 305mm
- **Power rating**: 60W
- **Nominal impedance**: 8Ω & 16Ω
- **Sensitivity**: 99dB
- **Chassis type**: Pressed steel
- **Voice coil diameter**: 1.75", 44.5mm
- **Voice coil material**: Round copper
- **Magnet type**: Ceramic
- **Magnet weight**: 50oz, 1.42kg
- **Frequency range**: 70-5000Hz
- **Resonance frequency, Fs**: 75Hz
- **DC resistance, Re**: 7.3Ω & 12.9Ω

### MOUNTING INFORMATION
- **Diameter**: 12.2", 309mm
- **Overall depth**: 5.3", 135mm
- **Magnet structure diameter**: 6.1", 156mm
- **Cut-out diameter**: 11.1", 283mm
- **Mounting slot dims**: 0.31", 7.9mm Ø
- **Number of mounting slots**: 4
- **Mounting slot PCD**: 11.7", 297mm
- **Unit weight**: 10.4lb, 4.7kg

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**Developed in the late ’70s, the Classic Lead uses a fibreglass voice coil former to deliver an 80W power rating and a unique dynamic sound.**

A firm favourite with lead guitarists, the Classic Lead features a tightly controlled low-end, with strong high bass / low mid punch, aggressive mid range attack and a powerful yet controlled top-end.

For power chords it has the tone to make its presence felt but the subtle high-frequency roll-off makes it ideal for solos, able to project single notes on loud stages without becoming shrill.

### GENERAL SPECIFICATIONS
- **Nominal diameter**: 12", 305mm
- **Power rating**: 80W
- **Nominal impedance**: 8Ω & 16Ω
- **Sensitivity**: 100dB
- **Chassis type**: Pressed steel
- **Voice coil diameter**: 1.75", 44.5mm
- **Voice coil material**: Round copper
- **Magnet type**: Ceramic
- **Magnet weight**: 50oz, 1.42kg
- **Frequency range**: 80-5000Hz
- **Resonance frequency, Fs**: 85Hz
- **DC resistance, Re**: 6.9Ω & 11.8Ω

### MOUNTING INFORMATION
- **Diameter**: 12.2", 309mm
- **Overall depth**: 5.3", 135mm
- **Magnet structure diameter**: 6.1", 156mm
- **Cut-out diameter**: 11.1", 283mm
- **Mounting slot dims**: 0.31", 7.9mm Ø
- **Number of mounting slots**: 4
- **Mounting slot PCD**: 11.7", 297mm
- **Unit weight**: 10.4lb, 4.7kg
**G12T-75**

Featured in the world’s top selling 4x12 cabinet, the G12T-75 is a high powered rock player's dream.

Built to meet the demands of high gain amplifiers, the G12T-75 combines a huge, tightly controlled low-end and aggressive mid-range with a softened top-end that adds a welcome sweetness to overdrive, distortion and aggressive upper harmonics. These are the characteristics that make the G12T-75 the weapon of choice for Yngwie Malmsteen.

**GENERAL SPECIFICATIONS**

- Nominal diameter: 12", 305mm
- Power rating: 75W
- Nominal impedance: 8Ω & 16Ω
- Sensitivity: 97dB
- Chassis type: Pressed steel
- Voice coil diameter: 1.75", 44.5mm
- Voice coil material: Round copper
- Magnet type: Ceramic
- Magnet weight: 35oz, 0.99kg
- Frequency range: 80-5000Hz
- Resonance frequency, Fs: 85Hz
- DC resistance, Re: 6.7Ω & 12.9Ω

**MOUNTING INFORMATION**

- Diameter: 12.2", 309mm
- Overall depth: 5.0", 127mm
- Magnet structure diameter: 5.7", 145mm
- Cut-out diameter: 11.1", 283mm
- Mounting slot dims: 0.31", 7.9mm Ø
- Number of mounting slots: 4
- Mounting slot PCD: 11.7", 297mm
- Unit weight: 7.7lb, 3.5kg

**G12K-100**

Celestion’s very own monster of rock, the G12K-100 makes full use of the heaviest G12 magnet to combine huge power handling with superb clarity across a wide frequency response.

A massive bottom-end, rock-hard mid-range and restrained top-end make this the perfect speaker to add thump and grind to modern high-gain tones.

Loaded in 4x12s it delivers its famous sledgehammer lows, as favoured by Slipknot’s Mick Thomson, but it also often finds use in small boutique combos, bringing a powerful mix of low-end warmth and mid-range attack.

**GENERAL SPECIFICATIONS**

- Nominal diameter: 12", 305mm
- Power rating: 100W
- Nominal impedance: 8Ω
- Sensitivity: 99dB
- Chassis type: Pressed steel
- Voice coil diameter: 1.75", 44.5mm
- Voice coil material: Round copper
- Magnet type: Ceramic
- Magnet weight: 50oz, 1.42kg
- Frequency range: 80-5500Hz
- Resonance frequency, Fs: 85Hz
- DC resistance, Re: 7Ω

**MOUNTING INFORMATION**

- Diameter: 12.2", 309mm
- Overall depth: 5.3", 135mm
- Magnet structure diameter: 6.1", 156mm
- Cut-out diameter: 11.1", 283mm
- Mounting slot dims: 0.31", 7.9mm Ø
- Number of mounting slots: 4
- Mounting slot PCD: 11.7", 297mm
- Unit weight: 10.4lb, 4.7kg
G12 Century Vintage

In developing the G12 Century Vintage we set out to use our Neodymium technology to design a modern speaker with a distinctly classic vibe. The result is a unique blend of extraordinary note definition and vintage character.

Exceptionally lightweight and loud, with a tightly controlled low-end, the Century Vintage exhibits a clear, powerful mid-range and crisp, bright top-end. With super-fast attack and superb tracking, it’s ideal for use in amps favoured by high-speed guitar players – both high gain rockers and clean country pickers.

**GENERAL SPECIFICATIONS**

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G10 Greenback

We set out to recapture the legendary sound of Celestion’s 1970s 10s, when developing the G10 Greenback. What we created was a 10" speaker with a surprisingly meaty tone.

Low in output but with the weighty low-end balance of a 12", the G10 Greenback features a complex, creamy mid-range and smooth, vintage top-end.

In small combos this speaker adds real class, and when combined in a 4x10 gives rise to a raunchy, full-bodied tone, rich in low-end thump.

**GENERAL SPECIFICATIONS**

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This classy 10" is a true ‘modern vintage’ guitar speaker, delivering an exceptionally well balanced tone with real Celestion pedigree. Satisfyingly deep lows are complemented by sweet and clear upper mids and an articulate, well-defined top end.

The G10N-40 has a natural versatility that makes this speaker suited for a wide range of musical styles. Loaded into small combos, it articulates a lush, warm clean sound with the right amount of detail in the upper register. Meanwhile, the balanced response means this resourceful speaker is still able to deliver true British grind when pushed to the limit.

**GENERAL SPECIFICATIONS**

- **Nominal diameter** . . . . . . . . . . . . .10", 254mm
- **Power rating** . . . . . . . . . . . . . . . . . . . . . . . .40W
- **Nominal impedance** . . . . . . . . . . . . .8Ω & 16Ω
- **Sensitivity** . . . . . . . . . . . . . . . . . . . . . .95dB
- **Chassis type** . . . . . . . . . . . . . . Pressed steel
- **Voice coil diameter** . . . . .1.75", 44.5mm
- **Voice coil material** . . . . . . . . . .Round copper
- **Magnet type** . . . . . . . . . . . . . . . . . . . .Ceramic
- **Magnet weight** . . . . . . . . . . . . . . . .20oz, 0.57kg
- **Frequency range** . . . . . . . . . .90-5000Hz
- **Resonance frequency, Fs** . . . . . . . . . .90Hz
- **DC resistance, Re** . . . . . . . . . .6.9Ω & 12.86Ω

**MOUNTING INFORMATION**

- **Diameter** . . . . . . . . . . . . . . . .10.1", 256mm
- **Overall depth** . . . . . . . . . . . .4", 102mm
- **Magnet structure diameter** . . .4.5", 114mm
- **Cut-out diameter** . . . . . . . . .9.1", 230mm
- **Mounting slot dims** . . . .0.25 x 0.43", 6.5 x 11mm
- **Number of mounting slots** . . . . . . . .8
- **Mounting slot PCD** . . . . . . .9.6", 245mm
- **Unit weight** . . . . . . . . . . . .4.2lb, 1.9kg

The G10 Vintage is a 10" speaker with tons of attitude. Using a powerful ceramic magnet and the same voice coil design as the Vintage 30, it packs an impressive punch with its 60W power handling.

With the fast response of a 10" but with the strong and creamy vocal tones of a 12", the G10 is the ideal choice to add depth to hollow-sounding amps, or for players who want to get humbucker-type girth from single-coils. Can be used singly to add vocal warmth to small valve combos, or in quartets for a weightier but still lively attack.

**GENERAL SPECIFICATIONS**

- **Nominal diameter** . . . . . . . . . . .10", 254mm
- **Power rating** . . . . . . . . . . . . . . . . . . . . .60W
- **Nominal impedance** . . . . . . . . . . . . .8Ω & 16Ω
- **Sensitivity** . . . . . . . . . . . . . . . . . . . . .97dB
- **Chassis type** . . . . . . . . . . . . . . Pressed steel
- **Voice coil diameter** . . . . .1.75", 44.5mm
- **Voice coil material** . . . . . . . . . .Round copper
- **Magnet type** . . . . . . . . . . . . . . . . . . .Ceramic
- **Magnet weight** . . . . . . . . . . . . . . . .31oz, 0.88kg
- **Frequency range** . . . . . . . . .100-5500Hz
- **Resonance frequency, Fs** . . . . . .115Hz
- **DC resistance, Re** . . . . . . . . .7.47Ω & 12.33Ω

**MOUNTING INFORMATION**

- **Diameter** . . . . . . . . . . . . . . . .10.1", 256mm
- **Overall depth** . . . . . . . . . . .4.1", 104mm
- **Magnet structure diameter** . .5.3", 134mm
- **Cut-out diameter** . . . . . . . . .9.0", 229mm
- **Mounting slot dims** . . . .0.2 x 0.3", 6 x 8mm
- **Number of mounting slots** . .4
- **Mounting slot PCD** . . . . .9.6", 245mm
- **Unit weight** . . . . . . . . . . . .5.3lb, 2.4kg
This classic guitar speaker actually started life as a radio speaker that was modified specifically for use in electric guitar amplifiers. In its original incarnation as the G12 T530 it appeared in several colour variations, but it was the Blue version, fitted as standard into Vox AC30 amps, that secured its place in guitar tone history.

The Blue found favour with notable guitarists like Brian May, due to its glorious dampened attack, warm lows, mellow upper-mids and brilliant bell-like top-end. When coupled with a suitable amplifier it evokes rich definition and develops beautiful musical compression when pushed. According to tone enthusiasts worldwide, the Blue is the benchmark for guitar speaker perfection.

By the late 1950s, the electric guitar had propelled itself from sideman status to centre-stage. With ever more flamboyant guitarists taking the lead, our friends at Vox and Marshall identified the need for a dedicated guitar speaker to handle the increasingly loud and raucous performances. In response, Celestion designed the G12 T530 – the now famous ‘Blue’. The rigid construction and Alnico magnets made them ideal for a new generation of electric guitarists, experimenting increasingly with volume and overdrive. Soon the Blue became the sound of the ’60s British Invasion, and 50 years on we can listen back to hundreds of classic guitar moments voiced by the Celestion Blue, from The Beatles’ I Feel Fine to Bryan Adams’ Summer of 69.

In 2006 the Blue was joined by the Gold, an Alnico speaker that retains the essential character of a played in Blue but with greater power handling, making it ideal for use in modern amplifier designs. The Gold has become a firm favourite with some of today’s hottest players, and in 2008 was joined by the G10 Gold, making that legendary Celestion Alnico sound available for fans of ten-inch speakers.
Building on the platform of the Blue, the Gold is a higher-powered, Alnico-magnet speaker that recreates the unmistakable sonic signature of a ‘well played-in’ original. Over time, the high frequencies of a Blue soften and become less chalky as the cone becomes more flexible – a much sought after characteristic that the Gold exhibits straight out of the box. Also present in the Gold sound from the outset is an added warmth and complexity in the midrange which, coupled with the classic Alnico qualities of a laid-back attack, rounded low end and brilliant bell-like highs, deliver huge rhythm voicings and saturated vocal lead tones.

The Gold is a wonderfully expressive and revealing loudspeaker, affording guitarists an unprecedented degree of dynamic control. It has already become a favourite for many working players worldwide whether picking and bending with Brad Paisley, rocking with Carl Verheyen of Supertramp or grinding with Bill Kelliher of Mastodon.

**Celestion Gold**

**GENERAL SPECIFICATIONS**
- Nominal diameter: . . . . . . . . . . . . . . . . . . . 12" , 305mm
- Power rating: . . . . . . . . . . . . . . . . . . . . . . 50W
- Nominal impedance: . . . . . . . . . . . . 8Ω & 15Ω
- Sensitivity: . . . . . . . . . . . . . . . . . . . . . . 100dB
- Chassis type: . . . . . . . . . . . . . . . . . . . Pressed steel
- Voice coil diameter: . . . . . . . . . . . . 1.75", 44.5mm
- Voice coil material: . . . . . . . . . . . . Round copper
- Magnet type: . . . . . . . . . . . . . . . . . . . . . . . . Alnico
- Frequency range: . . . . . . . . . . . . . . . 75-5000Hz
- Resonance frequency, Fs: . . . . . . . . 75Hz
- DC resistance, Re: . . . . . . . . . . . . . . . 6.4Ω & 11.8Ω

**MOUNTING INFORMATION**
- Diameter: . . . . . . . . . . . . . . . . . . . . . . 12.2", 309mm
- Overall depth: . . . . . . . . . . . . . . . . . . 6.5", 165mm
- Magnet structure diameter: . . . . . . . . 5.0", 128mm
- Cut-out diameter: . . . . . . . . . . . . . . 11.1", 283mm
- Mounting slot dims: . . . . . . . . . . . . . . 0.31", 7.9mm Ø
- Number of mounting slots: . . . . . . . . . . . . . . . . 4
- Mounting slot PCD: . . . . . . . . . . . . . . 11.7", 297mm
- Unit weight: . . . . . . . . . . . . . . . . . . . 9.3lb, 4.2kg

**Celestion G10 Gold**

Following the great reviews we received for the Gold 12", we realised there was also a need for a speaker that conveyed the Alnico mellowness of the original Blue, with the speed and response of a 10" driver.

The G10 Gold is the ultimate 10" speaker, blending unmistakable Alnico class with a rich low-end, creamy mid-range and vintage chiming top-end. Springy, warm, revealing and highly expressive, it can be used singly or in pairs to add a classy sheen to any amp, or in a 4x10 configuration for higher volume depth, warmth and shimmer, with less of the boom associated with 4x12 cabinets.

**GENERAL SPECIFICATIONS**
- Nominal diameter: . . . . . . . . . . . . . . . . . 10", 254mm
- Power rating: . . . . . . . . . . . . . . . . . . . . . . 40W
- Nominal impedance: . . . . . . . . . . . . 8Ω & 15Ω
- Sensitivity: . . . . . . . . . . . . . . . . . . . . . . . . 98dB
- Chassis type: . . . . . . . . . . . . . . . . . . . Pressed steel
- Voice coil diameter: . . . . . . . . . . . . 1.75", 44.5mm
- Voice coil material: . . . . . . . . . . . . Round copper
- Magnet type: . . . . . . . . . . . . . . . . . . . . . . . . Alnico
- Frequency range: . . . . . . . . . . . . . . . . 80-6000Hz
- Resonance frequency, Fs: . . . . . . . . . 80Hz
- DC resistance, Re: . . . . . . . . . . . . . . . 6.66Ω & 13.56Ω

**MOUNTING INFORMATION**
- Diameter: . . . . . . . . . . . . . . . . . . . . . . 10.1", 256mm
- Overall depth: . . . . . . . . . . . . . . . . . . 5.3", 135mm
- Magnet structure diameter: . . . . . . . . 4.7", 119mm
- Cut-out diameter: . . . . . . . . . . . . . . 9.0", 229mm
- Mounting slot dims: . . . . . . . . . . . . . . 0.25 x 0.43", 6.5 x 11mm
- Number of mounting slots: . . . . . . . . . . . . . . . . 8
- Mounting slot PCD: . . . . . . . . . . . . . . 9.6", 244mm
- Unit weight: . . . . . . . . . . . . . . . . . . . 5.9lb, 2.7kg
It’s hard to escape the sound of the G12H, just listen to any Hendrix recording and chances are you’ll be hearing a whole raft of them powering the guitar out of the mix.

These faithful re-creations capture the unmistakable mojo of late 60s rock guitar tones. Unsurpassed in a 4x12 for cranking out towering, huge power chords, the Heritage Series G12H (55) features the 55c/s “bass” cone. This model is famous for its thick syrupy tones, with a deep growling back end, densely complex mid-range and a finely detailed top end.

The Heritage Series G12H (75) features a 75 c/s “lead” cone for an alternative tonal balance that places a little less emphasis on bass frequencies. Choose this version if you prefer a tighter bottom end with a punchy upper mid-range and sparkling highs.

As the precise design, raw material specifications and manufacturing techniques evolve to accommodate new technologies and processes over the years, so the sound of a speaker shifts in subtle increments which, taken collectively, significantly modify the tone. The Celestion Heritage process identifies the most desirable version of a driver from a given point in time, and sets about the painstaking process of regressing the speaker development back to its origins to recapture the particular sonic qualities of the era.

Using original blueprints and materials specifications, no stone is left unturned in pursuit of the original sound. Adhesives and edge treatments that are no longer commercially available are reformulated. Magnet assemblies and coil formers that have been changed or re-designed over time, are once again produced exactly as they were. And authentic labelling is used to bring these exquisite old speakers to life once again.
G12-65

Originally created in the late 70s using more modern materials and techniques for a higher power handling, the G12-65 is widely regarded as one of the best speakers ever produced for use in a 4x12 cabinet.

With its fast attack and tightly controlled low-end, the G12-65 had become a firm favourite with hard rock players by the early 80s. The precisely tuned mid-range and crisp defined top-end contribute to an aggressive crunch sound that punches through the mix while the mid-range warmth and detail give weight and depth to single notes.

**GENERAL SPECIFICATIONS**
- Nominal diameter: 12”, 305mm
- Power rating: 65W
- Nominal impedance: 8Ω & 15Ω
- Sensitivity: 97dB
- Chassis type: Pressed steel
- Voice coil diameter: 1.75", 44.5mm
- Voice coil material: Round copper
- Magnet type: Ceramic
- Magnet weight: 35oz, 0.99kg
- Frequency range: 80-5000Hz
- Resonance frequency, Fs: 85Hz
- DC resistance, Re: 6.9Ω & 11.8Ω

**MOUNTING INFORMATION**
- Diameter: 12.2", 309mm
- Overall depth: 5.0", 127mm
- Magnet structure diameter: 5.7", 145mm
- Cut-out diameter: 11.1", 283mm
- Mounting slot dims: 0.31", 7.9mm Ø
- Number of mounting slots: 4
- Mounting slot PCD: 11.7", 297mm
- Unit weight: 7.7lb, 3.5kg

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G12M

The original G12M of the 1960s was Celestion’s first guitar speaker to use a ceramic magnet and paved the way for high power guitar amplifiers. The G12M uses a medium weight magnet to produce a sound that is smooth and warm but bright enough to hold its own against any rock backline.

Known simply these days as the ‘Greenback’, the G12M’s fabled tone is characterised by a warm, controlled low-end, a rich, vocal mid-range and a delicate, detailed top-end. Loaded into a 4x12 and driven hard, these speakers exude warm, crunchy chords and sweet searing single-notes.

**GENERAL SPECIFICATIONS**
- Nominal diameter: 12”, 305mm
- Power rating: 20W
- Nominal impedance: 8Ω & 15Ω
- Sensitivity: 96dB
- Chassis type: Pressed steel
- Voice coil diameter: 1.75", 44.5mm
- Voice coil material: Round copper
- Magnet type: Ceramic
- Magnet weight: 35oz, 0.99kg
- Frequency range: 75-5000Hz
- Resonance frequency, Fs: 75Hz
- DC resistance, Re: 6.57Ω & 12.13Ω

**MOUNTING INFORMATION**
- Diameter: 12.2", 309mm
- Overall depth: 5.1", 130mm
- Magnet structure diameter: 5.9", 150mm
- Cut-out diameter: 11.1", 283mm
- Mounting slot dims: 0.31", 7.9mm Ø
- Number of mounting slots: 4
- Mounting slot PCD: 11.7", 297mm
- Unit weight: 7.9lb, 3.6kg
Partners in Tone

Jim Root
Joel Stroetzel
Kenny Wayne Shepherd
Billy Corgan
Peter Frampton
Mick Thomson
Carl Verheyen
Adam Dutkiewicz
Kerry King
Slash

Signature Series

George Lynch
Meet the players who turn speakers into legends

One of the most recognizable names in the world of heavy metal guitar, George Lynch has recorded more than twenty albums, and is famous for his accomplished and inventive guitar playing.

In 2010, George challenged Celestion to build his dream guitar loudspeaker. He wanted a new style of speaker, blending world-renowned Celestion vintage tonality with the capability of providing, on demand, a harder-edged and more modern sound.

We needed to draw on our vast experience of guitar loudspeaker development in order to meet these exacting requirements and after many hours listening and testing, we engineered a speaker with a unique blend of sonic elements taken from models introduced throughout Celestion’s history.

Tonally, the G12-50GL Lynchback incorporates the kind of detail and harmonic complexity found in vintage models of the late 1960s, combined with increased headroom, and the attitude, aggression and mid-band character of some of the more modern Celestion speakers.

The result is an ideal balance between a detailed vintage warmth that makes your lead sound sing, and an up-front attitude that delivers punchier rhythm tones capable of cutting through the mix.

**G12-50GL Lynchback**

**GENERAL SPECIFICATIONS**
- Nominal diameter: 12", 305mm
- Power rating: 50W
- Nominal impedance: 8Ω
- Sensitivity: 97dB
- Chassis type: Pressed steel
- Voice coil diameter: 1.75", 44.5mm
- Voice coil material: Round copper
- Magnet type: Ceramic
- Magnet weight: 35oz, 0.99kg
- Frequency range: 75-5000Hz
- Resonance frequency, Fs: 75Hz

**MOUNTING INFORMATION**
- Diameter: 12.2", 309mm
- Overall depth: 5.1", 130mm
- Magnet structure diameter: 5.7", 145mm
- Cut-out diameter: 11.1", 283mm
- Mounting slot dims: 0.31", 7.9mm Ø
- Number of mounting slots: 4
- Mounting slot PCD: 11.7", 297mm
- Unit weight: 7.7lb, 3.5kg

**FREQUENCY RESPONSE**

[U.S. Frequency Response Curve]
Partners in Tone

Jason Hook
Brian May
Dave Mustaine
Nils Lofgren
Lenny Kravitz
Scott Ian
Matt Bachand

Tony Iommi
Nalle Colt
Glenn Tipton

Signature Series

Brian May
Dave Mustaine
Nils Lofgren
Lenny Kravitz
Glenn Tipton

Celestion Guitar Loudspeakers
Throughout his career, whether in the studio or on the stage, the Celestion 20-watt ‘Greenback’ has played an essential role to Edward Van Halen in making the tones that rewrote the book on guitar sound. When it came time to select speakers for his new EVH Brand 5150-III signature amp, there was only one choice – Celestion.

The Heritage Series G12M faithfully reproduces the sonic qualities of the original ’60s version Greenback used to make EVH tone from day one. With the addition of a black rear can featuring the EVH logo and his unmistakable red, white and black stripes, the G12EVH was born. Unmistakable look, but more importantly unmistakable tone.

EVH™ and the EVH™ logo are the registered trademark of E.L.V.H. Inc. The unique striped design is a copyright (2001) of E.L.V.H. Inc. All rights reserved.

**GENERAL SPECIFICATIONS**

<table>
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<th>Details</th>
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<tr>
<td>Nominal diameter</td>
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<td>Power rating</td>
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<tr>
<td>Nominal impedance</td>
<td>8Ω &amp; 15Ω</td>
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<td>Voice coil diameter</td>
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<td>Magnet type</td>
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<td>Magnet weight</td>
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<td>Frequency range</td>
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<td>Resonance frequency, Fs</td>
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<td>DC resistance, Re</td>
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**MOUNTING INFORMATION**

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<th>Specification</th>
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<tr>
<td>Overall depth</td>
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<tr>
<td>Magnet structure diameter</td>
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<tr>
<td>Cut-out diameter</td>
<td>11.1&quot;, 283mm</td>
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<tr>
<td>Mounting slot dims</td>
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<td>Number of mounting slots</td>
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<td>Mounting slot PCD</td>
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<tr>
<td>Unit weight</td>
<td>7.9lb, 3.6kg</td>
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</table>

**FREQUENCY RESPONSE**

![Frequency Response Graph](image-url)
# Celestion Originals

As the original name in guitar loudspeakers, nobody knows more about manufacturing guitar drivers than Celestion.

Our Originals Series loudspeakers are constructed from high quality materials and tailored for use in a wide variety of amplifier types, from modelling through to all-valve. Built to exacting standards in our own ultra-modern manufacturing facility, Celestion Originals have earned a global reputation for consistent high quality and reliability, delivering Celestion tone and performance at highly competitive prices to literally hundreds of thousands of guitarists around the world.

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## Seventy 80

One of our best sellers, this speaker meets the expanded frequency range often requested by the new generation of amp manufacturers.

The Seventy 80 is detailed and crisply defined, with a tightly controlled low-end and punchy, aggressive upper mid-range. The top-end response is also subtly increased. Used singly, in pairs or quartets – it is capable of reproducing a wide range of sounds and styles whilst adding the undeniable Celestion character to any amp.

### GENERAL SPECIFICATIONS
- **Nominal diameter**: 12", 305mm
- **Power rating**: 80W
- **Nominal impedance**: 8Ω & 16Ω
- **Sensitivity**: 96dB
- **Chassis type**: Pressed steel
- **Voice coil diameter**: 1.75", 44.5mm
- **Voice coil material**: Round copper
- **Magnet type**: Ceramic
- **Magnet weight**: 31oz, 0.88kg
- **Frequency range**: 80-5000Hz
- **Resonance frequency, Fs**: 85Hz
- **DC resistance, Re**: 6.1Ω & 11.7Ω

### MOUNTING INFORMATION
- **Diameter**: 12.2", 309mm
- **Overall depth**: 4.7", 119mm
- **Magnet structure diameter**: 5.3", 134mm
- **Cut-out diameter**: 11.1", 283mm
- **Mounting slot dims**: 0.31", 7.9mm Ø
- **Number of mounting slots**: 4
- **Mounting slot PCD**: 11.7", 297mm
- **Unit weight**: 6.8lb, 3.1kg

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As the original name in guitar loudspeakers, nobody knows more about manufacturing guitar drivers than Celestion.

Our Originals Series loudspeakers are constructed from high quality materials and tailored for use in a wide variety of amplifier types, from modelling through to all-valve. Built to exacting standards in our own ultra-modern manufacturing facility, Celestion Originals have earned a global reputation for consistent high quality and reliability, delivering Celestion tone and performance at highly competitive prices to literally hundreds of thousands of guitarists around the world.
The Eight 15 is ideal for upgrading your bedroom blaster with authentic British tone. Well-balanced mids and highs complement a surprisingly meaty bottom end - it's just about the biggest sounding eight inch speaker we've ever heard!

### Eight 15 Specifications
- **Nominal diameter:** 8”, 203mm
- **Power rating:** 15W
- **Nominal impedance:** 8Ω & 16Ω
- **Sensitivity:** 95dB
- **Chassis type:** Pressed steel
- **Voice coil diameter:** 1”, 25mm
- **Voice coil material:** Round copper
- **Magnet type:** Ceramic
- **Magnet weight:** 13oz, 0.37kg
- **Frequency range:** 100-5000Hz
- **Resonance frequency, Fs:** 109.7Hz
- **DC resistance, Re:** 6.4Ω & 13.11Ω

### Eight 15 Mounting Information
- **Diameter:** 8.1”, 205mm
- **Overall depth:** 3.3”, 82.6mm
- **Magnet structure diameter:** 3.3”, 82.6mm
- **Cut-out diameter:** 7.2”, 183mm
- **Mounting slot dims:** 0.18x0.31”, 5x8mm Ø
- **Number of mounting slots:** 8
- **Mounting slot PCD:** 7.7”, 195mm
- **Unit weight:** 2.2lb, 1kg

### Rocket 50 Specifications
- **Nominal diameter:** 12”, 305mm
- **Power rating:** 50W
- **Nominal impedance:** 8Ω & 16Ω
- **Sensitivity:** 95dB
- **Chassis type:** Pressed steel
- **Voice coil diameter:** 1.5”, 38.1mm
- **Voice coil material:** Round copper
- **Magnet type:** Ceramic
- **Magnet weight:** 17oz, 0.48kg
- **Frequency range:** 85-5000Hz
- **Resonance frequency, Fs:** 90Hz
- **DC resistance, Re:** 6.7Ω & 11.68Ω

### Rocket 50 Mounting Information
- **Diameter:** 12.2”, 309mm
- **Overall depth:** 4.8”, 122mm
- **Magnet structure diameter:** 3.9”, 100mm
- **Cut-out diameter:** 11.1”, 283mm
- **Mounting slot dims:** 0.31”, 7.9mm Ø
- **Number of mounting slots:** 4
- **Mounting slot PCD:** 11.7”, 297mm
- **Unit weight:** 4.4lb, 2.0kg

### Hot 100 Specifications
- **Nominal diameter:** 12”, 305mm
- **Power rating:** 100W
- **Nominal impedance:** 8Ω & 16Ω
- **Sensitivity:** 97dB
- **Chassis type:** Pressed steel
- **Voice coil diameter:** 2”, 50.8mm
- **Voice coil material:** Round copper
- **Magnet type:** Ceramic
- **Magnet weight:** 35oz, 0.99kg
- **Frequency range:** 80-5000Hz
- **Resonance frequency, Fs:** 86Hz
- **DC resistance, Re:** 6Ω

### Hot 100 Mounting Information
- **Diameter:** 12.2”, 309mm
- **Overall depth:** 4.9”, 124mm
- **Magnet structure diameter:** 5.8”, 148mm
- **Cut-out diameter:** 11.1”, 283mm
- **Mounting slot dims:** 0.31”, 7.9mm Ø
- **Number of mounting slots:** 4
- **Mounting slot PCD:** 11.7”, 297mm
- **Unit weight:** 7.1lb, 3.2kg

### Ten 30 Specifications
- **Nominal diameter:** 10”, 254mm
- **Power rating:** 30W
- **Nominal impedance:** 8Ω & 16Ω
- **Sensitivity:** 95dB
- **Chassis type:** Pressed steel
- **Voice coil diameter:** 1.25”, 31.25mm
- **Voice coil material:** Round copper
- **Magnet type:** Ceramic
- **Magnet weight:** 16oz, 0.45kg
- **Frequency range:** 85-5000Hz
- **Resonance frequency, Fs:** 93.9Hz
- **DC resistance, Re:** 8Ω & 11.07Ω

### Ten 30 Mounting Information
- **Diameter:** 12.2”, 309mm
- **Overall depth:** 4.8”, 122mm
- **Magnet structure diameter:** 3.9”, 100mm
- **Cut-out diameter:** 11.1”, 283mm
- **Mounting slot dims:** 0.31”, 7.9mm Ø
- **Number of mounting slots:** 4
- **Mounting slot PCD:** 11.7”, 297mm
- **Unit weight:** 3.13lb, 1.42kg

Look inside the back of a standard 4x12 and you may well find a quartet of Rocket 50s. This speaker performs well with any playing style, and won’t break the bank.

With a massive 100W power rating, this speaker sits perfectly in high-power or hybrid amplifiers. It voices a modern sound with a big bass presence.

Rich and expressive, the Ten 30 combines warm lows with a vocal mid-range and an articulate top end. The clean sound is open and revealing; push hard and you’re rewarded with full-blooded Celestion grind.
Drawing on our unique heritage in developing guitar loudspeakers and our in-depth technical understanding of high-powered PA drivers, we set out to develop a range of 10”, 12” and 15” bass loudspeakers that encompassed both conventional Ferrite magnet and Neodymium designs.

Early on in the design process we recognised that in order to meet the demands of different music genres and playing styles without compromise, it was necessary to develop two distinct types of speaker with differing characteristics.

**Orange Label**
Highly efficient loudspeakers with fast response times making them ideal for clean, snappy percussive styles including slap bass. Featuring enhanced mid-range punch to cut through the mix, while delivering solid lows.

**Green Label**
Characterised by an extended low end and greater linear excursion, Green label speakers push out every note with a rich warm tone and a powerful low end thump.

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### BN10-200S

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<td>Cone material ............... Kevlar loaded paper</td>
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<tr>
<td>Voice coil winding width .......... 0.47”, 12mm</td>
<td></td>
</tr>
</tbody>
</table>

### BN10-300S

<table>
<thead>
<tr>
<th>GENERAL SPECIFICATIONS</th>
<th>MOUNTING INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal diameter ........ 10”, 254mm</td>
<td>Diameter ........ 10.1”, 256mm</td>
</tr>
<tr>
<td>Power rating ................. 300W</td>
<td>Overall depth ........ 4.4”, 112mm</td>
</tr>
<tr>
<td>Nominal impedance .......... 8Ω</td>
<td>Cut-out diameter ........ 9”, 229mm</td>
</tr>
<tr>
<td>Sensitivity ................. 97dB</td>
<td>Mounting slot dims .......... 0.24x0.31”, 6x8mm Ø</td>
</tr>
<tr>
<td>Magnet type .................. Neodymium</td>
<td>Number of mounting slots .......... 4</td>
</tr>
<tr>
<td>Voice coil diameter .......... 2.5”, 63.5mm</td>
<td>Mounting slot PCD ........ 9.6”, 245mm</td>
</tr>
<tr>
<td>Coil material ............... Copper</td>
<td>Unit weight ........ 3.5lb, 1.6kg</td>
</tr>
<tr>
<td>Cone material ............... Kevlar loaded paper</td>
<td>4Ω also available</td>
</tr>
<tr>
<td>Former material ................. Polyimide</td>
<td>Number of mounting slots .......... 4</td>
</tr>
<tr>
<td>Surround material .............. Cloth-sealed</td>
<td>Mounting slot PCD ........ 9.6”, 245mm</td>
</tr>
<tr>
<td>Frequency range .............. 70-4000Hz</td>
<td>Unit weight ........ 3.5lb, 1.6kg</td>
</tr>
<tr>
<td>Xmax ........................................ 0.078”, 2mm</td>
<td></td>
</tr>
<tr>
<td>Gap depth ......................... 0.31”, 8mm</td>
<td></td>
</tr>
<tr>
<td>Voice coil winding width .......... 0.47”, 12mm</td>
<td></td>
</tr>
</tbody>
</table>
Please note that Celestion adopt a progressive policy and we reserve the right to alter drive unit specifications and/or appearance without prior notice.

LIT0700/0114