Ever since Vox slotted Celestion’s T.530—a “beefed-up” G12 general purpose radio speaker—into the AC15, and rock n’ roll jangled its way into Britain’s hearts back in the late 50s, the yin of amplifier power and the yang of sweet guitar speaker tone have been locked in constant battle.

We’re lucky though. Make a magnet bigger and you can change the tonal balance of a speaker as well as boosting its power rating. A voice coil former that’s better at repelling heat (a side-effect of more power) also gives us additional tonal qualities: percussiveness, more midrange character or if you want it, greater neutrality. Change the size of the coil for yet more tonal variation: make the thing sizzle, or make it dark and warm. Make the speaker a different size and, well, 10-incher move faster and 15s may rumble like some deep baritone.

Sometimes I’m asked, “why so many speakers?”, but with so many variables at play there could be a whole lot more. As you thumb your way through this catalogue you’ll see it’s part history book as we trace the Celestion range through the years, and bear witness to all the favourites that have stood the test of time, as tastes and gear have changed. You’ll also see there are plenty of newer models too (we’ve launched six this past three years alone) all born from the white heat of that battle between power and tone.

And these days, gear really is changing. Now amp modelling and profiling, DAWs and plug-ins have taken music-making firmly into the digital domain, so the tone has followed. For Celestion, this manifests itself in the form of impulse responses: stunningly accurate, downloadable versions of Celestion speakers that are as portable as your digital rig with the accuracy, flexibility and repeatability that this technology so effortlessly provides. Available as well as or instead of the original speakers that made it all possible. In the end, the tone always wins.

Dr. Decibel. Ipswich, December 2019.

THE LOUDSPEAKERS

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PARTNERS IN TONE

BILLY CORGAN

“The Voice of Rock & Roll”
From the 60s to the present day, the unmistakable sound of the Celestion Alnico magnet guitar speaker with its trademark laid-back attack continues to shape popular music. Back then, we answered the call from our friends at Vox and Marshall for a dedicated guitar loudspeaker which became the now-famous ‘Blue’. That speaker has gone on to inspire a complete range of speakers designed to deliver the much-loved Celestion Alnico character with a variety of tonal flavours and power ratings.

The legendary Blue is widely acknowledged as the benchmark for guitar speaker perfection. Noted for its high-frequency brilliance and sparkle, the upper mids sing, the low mids are slightly scooped and the bass perfectly rounded. It’s a speaker that evokes rich definition, developing a beautiful, musical compression when pushed.

Bringing a modern edge to the Celestion Alnico range, the Gold is defined by softer high-frequencies with a more defined upper-mid vocal character. With strong projection in the lows and low-mids, the Gold is recognised as the punchiest of the Alnicos, perfect for huge rhythm voicings and saturated vocal lead tones.

For amps from 1-watt to 90-watt, the superbly balanced Cream combines power handling capability with a seemingly never-ending supply of Alnico tone. It has quickly earned a reputation for smooth, sophisticated mids, further characterised by a fine-grained detail that adds a high-definition quality to the speaker’s vocal range, yielding more expressiveness than you ever thought possible.

The mellowness of the original Blue, with the speed and response of a 10” driver. The G10 Gold blends unmistakable Alnico class with a rich low-end, creamy mid-range and vintage chiming top-end. It is springy, warm, revealing and highly expressive adding a classy sheen to any amp with depth and shimmer.

Bringing the instantly familiar, broken-in Celestion alnico vibe, the Ruby is arguably recognised as the warmest of the Celestion Alnicos, oozing a richly musical vintage warmth, with mellow highs and a smooth, vintage midrange. And as 35-watts a power handling, it’s ideal for use with mid-powered amps and combos.

For amps from 1-watt to 90-watt, the superbly balanced Cream combines power handling capability with a seemingly never-ending supply of Alnico tone. It has quickly earned a reputation for smooth, sophisticated mids, further characterised by a fine-grained detail that adds a high-definition quality to the speaker’s vocal range, yielding more expressiveness than you ever thought possible.

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The legendary Blue is widely acknowledged as the benchmark for guitar speaker perfection. Noted for its high-frequency brilliance and sparkle, the upper mids sing, the low mids are slightly scooped and the bass perfectly rounded. It’s a speaker that evokes rich definition, developing a beautiful, musical compression when pushed.

Bringing a modern edge to the Celestion Alnico range, the Gold is defined by softer high-frequencies with a more defined upper-mid vocal character. With strong projection in the lows and low-mids, the Gold is recognised as the punchiest of the Alnicos, perfect for huge rhythm voicings and saturated vocal lead tones.

For amps from 1-watt to 90-watt, the superbly balanced Cream combines power handling capability with a seemingly never-ending supply of Alnico tone. It has quickly earned a reputation for smooth, sophisticated mids, further characterised by a fine-grained detail that adds a high-definition quality to the speaker’s vocal range, yielding more expressiveness than you ever thought possible.
**PARTNERS IN TONE**

**TONY IOMMI**

“Celestion is the voice of rock. Always has been. Always will be.”

**“Since Day One, Celestion speakers have been a big part of my sound.”**

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**GREENBACK**

As the blues gave birth to hard rock, Celestion Greenbacks proved to be the right tone at the right time. Offering a higher power rating than Alnico speakers, the G12M and G12H with its ceramic magnet and responsive feel was a perfect complement to players who were driving their amps harder and harder. The speakers that gave us Clapton’s Bluesbreaker tone on All Your Love and the sonic bombast of Hendrix’s Star Spangled Banner at Woodstock, remain the benchmark by which all others are measured.

---

**G12H ANNIVERSARY**

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 and swagger to soft amp tones, easily cutting through loud stage levels for chord work, and imparting a hard edge to single notes.

Recapturing the legendary sound of Celestion’s 10-inch speakers from the 1970s, the G10 Greenback delivers a surprisingly meaty tone. Low in output but with the weighty low-end balance of a 12", it features a complex mid-range and smooth, vintage top-end. In small combos this speaker adds real class, and in a 4x10 gives rise to a raunchy, full-bodied tone, rich in low-end thump.

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**G12M GREENBACK**

The G12M Greenback has evolved over the decades but still retains its essential, sought-after tone. This model is voiced with additional broad mid-range attack and restrained top-end to give a forward, punchy attitude to chords and a soaring lead tone without fuzz. With its well-controlled low-end it can be used simply in low-powered amps, or in multiples for high-power rock heads, bringing drive and definition to modern high-gain amps.

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**G12EVH EDDIE VAN HALEN SIGNATURE SPEAKER**

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 rework the book on guitar sound. 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.

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The ever popular Creamback is the undisputed reference point for sweet, harmonically rich tone and also for the way in which the output of an amplifier should be articulated as it tips from clean to crunch and through to fully saturated overdrive. But what if you need Creamback sonics and response with more than 30 Watts power handling? Enter the Creambacks.

**PARTNERS IN TONE**

**JOE PERRY**

“They are beyond the mechanical fact that they are speakers. They’re iconic and the name Celestion literally puts you in another zone... they always have for me.”

The G12H-75 Creamback provides 75-watts of power handling and 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, thickening single notes for a highly articulate, vocal character.

Every ounce a Classic Celestion, the Neo Creamback delivers all the magical tone you’d get from a conventional Creamback at around half the weight of a traditional speaker, thanks to its Neodymium magnet. Expect the same low end punch, warm, vocal midrange and sweet highs that made the Creamback famous: push it hard and enjoy the ‘race-car growl’ that sets pulses racing.

**PARTNERS IN TONE**

**KENNY WAYNE SHEPHERD**

“When I wanted a speaker that’s road worthy, studio ready, and has that fat vintage tone, I went to the company that makes music history, Celestion.”

**G12H-75 CREAMBACK**

- **12” Diameter**
- **1 1/4” Voice Coil**
- **65 Watts**
- **8/16 Ohm**
- **97 dB**

**G10 CREAMBACK**

- **10” Diameter**
- **1 1/4” Voice Coil**
- **45 Watts**
- **8/16 Ohm**
- **96 dB**

Bringing vintage tone to modern-day amps, the G12M-65 Creamback delivers the familiar, woody tone of the G12M Greenback along with greater power handling. This brings with it low end grunt complementing the warm and vocal mid range, crunchy upper-mids and sweet, refined highs.

**G12M-65 CREAMBACK**

- **12” Diameter**
- **1 1/4” Voice Coil**
- **65 Watts**
- **8/16 Ohm**
- **97 dB**

**NEO CREAMBACK**

- **12” Diameter**
- **1 1/4” Voice Coil**
- **60 Watts**
- **8/16 Ohm**
- **97 dB**

**G12M CREAMBACK**

- **12” Diameter**
- **1 1/4” Voice Coil**
- **65 Watts**
- **8/16 Ohm**
- **97 dB**

Everything guitarists love about Celestion Creambacks, wrapped up in a 10-inch package. Warm, expressive, detailed and well-balanced, this speaker performs beautifully in singles, pairs or 4x10 configurations.

**G10 CREAMBACK**

- **10” Diameter**
- **1 1/4” Voice Coil**
- **45 Watts**
- **8/16 Ohm**
- **96 dB**
FOREVER CELESTION

As the blues-infused 70s gave way to the harder rocking 80s, the only thing higher than the guitar amp gain was the hairstyles. And so a new range of speakers evolved, capable of articulating the complex, overdriven sounds and blistering lead lines of the time, with the ability to handle increasingly high amplifier outputs.

VINTAGE 30

Back in 1986 we combined an ‘H’ magnet (the closest in performance to Alnico) with a new cone and voice coil employing contemporary materials to create our most revealing speaker, the Vintage 30. This legend features enormously detailed and complex overtones, a warm low-end, a famously rich vocal mid-range and a beautifully detailed top-end. It reveals the complexities in hand-wired boutique amps, and exhibits a wonderfully intricate vintage three dimensional crunch.

G10 VINTAGE

With the fast response of a 10" but with the strong and creamy vocal tones of a 12", the G10 packs an impressive punch and 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.

G12-65

With its fast attack and tightly controlled low-end, the G12-65 became a firm favourite with hard rock players by the early 80s, particularly in 4x12s. And still today, 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.

CLASSIC LEAD 80

A natural evolution of the G12-80 and a firm favourite with lead guitarists, the Classic Lead uses a fibreglass voice coil former to deliver an 80W power rating and a unique dynamic sound. With a tightly controlled low-end, strong high bass / low mid punch, aggressive mid range attack and a powerful yet controlled top-end, power chords make their presence felt while the subtle high-frequency roll-off makes this speaker ideal for solos.

G12-80

With its fast attack and tightly controlled low-end, the G12-80 became a firm favourite with hard rock players by the early 80s, particularly in 4x12s. And still today, 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.

PARTNERS IN TONE

“Celestion speakers speak honestly and clearly. They enable me to hear what I’m thinking.”

““

PARTNERS IN TONE

SLASH

“I’ve been using Celestion Vintage 30 speakers my whole career and can’t imagine using anything else.”

VINTAGE 30

Voice Coil

1 3/4"

1 3/4"

1 3/4"

PARTNERS IN TONE

SLASH

“I’ve been using Celestion Vintage 30 speakers my whole career and can’t imagine using anything else.”

VINTAGE 30

Voice Coil

1 3/4"

1 3/4"

1 3/4"

PARTNERS IN TONE

SLASH

“I’ve been using Celestion Vintage 30 speakers my whole career and can’t imagine using anything else.”

VINTAGE 30

Voice Coil

1 3/4"

1 3/4"

1 3/4"

PARTNERS IN TONE

SLASH

“I’ve been using Celestion Vintage 30 speakers my whole career and can’t imagine using anything else.”

VINTAGE 30

Voice Coil

1 3/4"

1 3/4"

1 3/4"

PARTNERS IN TONE

SLASH

“I’ve been using Celestion Vintage 30 speakers my whole career and can’t imagine using anything else.”

VINTAGE 30

Voice Coil

1 3/4"

1 3/4"

1 3/4"
Fashions in guitar amplification are constantly evolving. The current desire for increased portability calls for loudspeakers that deliver greater power handling or reduced weight, and sometimes both. But it’s reassuring to know that whatever the size of your cab or the output of your amp, you’ll never have to choose between power and tone.

**POWER AND TONE**

**G12T-75**
- 12" Diameter
- 1½" Voice Coil
- 75 Watts
- 8/16 Ohm
- 97 dB

Featured in the world’s top selling 4x12 cabinet, 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. A high powered rock player’s dream come true.

**G12K-100**
- 12" Diameter
- 1½" Voice Coil
- 100 Watts
- 8 Ohm
- 99 dB

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.

**G12H-150 REDBACK**
- 12" Diameter
- 2½" Voice Coil
- 150 Watts
- 8/16 Ohm
- 100 dB

Designed for extreme power handling without compromising tone, the G12H-150 Redback delivers balance, responsiveness and superb playability, all with muscular ease. With a tight, well-controlled low end, detailed midrange and more relaxed treble, expect tons of smooth, clean tone in pedal/combo configurations, or simply hook one up to your 100-watt head for giant slabs of tone.

**NEO COPPERBACK**
- 12" Diameter
- 2½" Voice Coil
- 250 Watts
- 8/16 Ohm
- 100 dB

Rated at 250-watts but weighing in at just 5lbs/2.3Kgs, the highly-musical Neo 250 Copperback supplies tons of tone. For players who prefer more transparency and less midrange vocal intensity, this Neodymium-magnet speaker reveals the best from your amplifier and playing without additional colouration. The speaker’s unique response has a tight low end, neutral low mids, a clear, open upper-mid definition and well-controlled high treble, providing unparalleled dynamics and all the headroom and touch sensitivity you could possibly need.

**PARTNERS IN TONE**

**KERRY KING**
- plays G12K-100

**JOE SATRIANI**
- plays G12T-75
PARTNERS IN TONE
RICHARD FORTUS

“When I first heard a 412 cabinet loaded with A-Type/V-Type Celestions, I couldn’t believe my ears.”

“Partners in Tone
Steffen Kemmerer

“Celestion is an integral part of my sound as my guitars and amps and I won’t play anything but the best!”

VT JUNIOR

Delivering the same balance and musicality as its big brother, the VT junior brings all the speed and response you’d expect from a 10, along with an additional low mid punch and high end sparkle.

A-TYPE

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.

V-TYPE

The V-Type 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. Cleans are true across the low, mids and highs, with just enough upper-mid chime and HF sparkle to add clarity and definition. Or 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.

G15V-100 FULLBACK

Retaining Celestion’s classic, harmonically complex and finely detailed mid-range, the larger cone of the Fullback shifts this characteristic down a register. Clean sounds are warm and expressive, revealing and enhancing the qualities of your amp and guitar without unnecessary colouration. Overdrive sounds are complex and musical, push harder for a weighty, contralto growl, with a softer, warmer mid-range.

“Partners in Tone
Richard Fortus

“When I first heard a 412 cabinet loaded with A-Type/V-Type Celestions, I couldn’t believe my ears.”

“Partners in Tone
Steffen Kemmerer

“When I first heard a 412 cabinet loaded with A-Type/V-Type Celestions, I couldn’t believe my ears.”

ACCESS ALL AREAS

For ambitious players looking for bold, original tones to break new sonic ground, these innovative speakers look to the future, providing emotional flavours for guitarists seeking out their signature sound.

“Partners in Tone
Steffen Kemmerer

“When I first heard a 412 cabinet loaded with A-Type/V-Type Celestions, I couldn’t believe my ears.”

“Partners in Tone
Steffen Kemmerer

“When I first heard a 412 cabinet loaded with A-Type/V-Type Celestions, I couldn’t believe my ears.”
As the original name in guitar loudspeakers, we’re dedicated to delivering great tone regardless of genre, playing style or budget. Nobody knows more than us about designing and manufacturing guitar speakers and the Celestion Originals are proof of that. This range is built to exacting standards for collector-quality performance and reliability, delivering Celestion tone and performance in some of the world’s best-selling amps and cabs.

The Midnight 60 continues Celestion’s tradition of delivering rich, classic British tone in innovative new ways, featuring the moving parts that were inspired by the V-Type design, but with a different magnet assembly which has the effect of shifting the tonal balance to give a sonic character more reminiscent of Celestion’s vintage G12L speaker. Whatever the genre, Midnight 60 provides an exhilarating sound in the classic Celestion style. Cleaners are well-balanced with just enough top end to make the high frequencies sparkle. Overdriven this speaker brings soaring rock tones, with plenty of low-end warmth and mid-bend character.

Conceived in the late ’90s as the G12P-80, the Celestion Seventy 80 has become one of the most widespread guitar speakers we’ve ever produced, finding its way into an extensive range of amps and cabs. Delivering a detailed and crisply defined tone, the Seventy 80 has a tightly controlled low-end with a punchy, aggressive upper mid-range. The top-end response is glassy and clear for enhanced treble and a full-range feel without compromising its undeniable Celestion character.

As the original name in guitar loudspeakers, we’re dedicated to delivering great tone regardless of genre, playing style or budget. Nobody knows more than us about designing and manufacturing guitar speakers and the Celestion Originals are proof of that. This range is built to exacting standards for collector-quality performance and reliability, delivering Celestion tone and performance in some of the world’s best-selling amps and cabs.

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! And there’s also a 4Ω version, making it ready, willing and able to blast new life into junior combos like the Fender® Champ.

Rich and expressive, the Ten 30 combines warm lows with a vocal mid-range and a articulate top end. The clean sound is open and revealing, push hard and you’re rewarded with full-blooded Celestion grind.

Celestion. Why bother with anything else?

PARTNERS IN TONE
RICK NIELSEN

WAYNE SERMON

PARTNERS IN TONE
IMPULSE RESPONSES

Authentic Celestion Tones in Digital Format

Nobody knows more about guitar speaker tone than Celestion. So who better than Celestion to bring you stunning combinations of speakers, microphones and their placements in a range of Impulse Response digital downloads. Captured by award-winning recording engineers in world-class facilities using state-of-the-art recording equipment, Celestion IRs empower you to escape the limitations of a single mic and cabinet setup and explore a universe of possibilities to create your own perfect tone. And once you’ve found it, you’ll be able to recreate it precisely, anytime, anywhere – at home or on the road.

For more information visit celestionplus.com

FINALLY, A DEDICATED GUITAR SPEAKER FOR AMP MODELLERS AND IRs

FULL RANGE | LIVE RESPONSE

The world’s first dedicated guitar loudspeaker for use with amp modellers and IRs, the F12-X200 is a truly full range driver that delivers a frequency response from 60Hz all the way up to 20kHz.

With the high frequencies reproduced by an integrated Celestion compression driver, the F12-X200 delivers the full spectrum of audible frequencies for the most accurate output possible, whatever your environment and set-up. Its response is remarkably neutral, with Celestion technology built-in to ensure there are no unwanted colourations that can overpower the input signal.

Check out page 34 for our recommended F12-X200 1x12 cabinet design.

F12-X200

12”

2”

200

8

97

The lighter moving mass and straighter sided cone of the type commonly used with guitar speakers gives the X200 the feel and live response of a traditional guitar speaker, delivering all the physical feedback you’d expect from playing through a conventional guitar rig.

PARTNERS IN TONE

JEFF STINCO

“The IRs are absolutely stunning. I now use them live on all my sounds.”

STEVES STEVENS

“The Celestion IRs make a laughing stock of the other ones out there. Finally... done right. Couldn’t be more impressed!”

“The IRs are absolutely stunning. I now use them live on all my sounds.”

“Finally... done right. Couldn’t be more impressed!”
PARTNERS IN TONE
RICKY PHILIPS

“I experimented with many different amp heads, but I realized the unchangeable constant was a cabinet filled with Celestion speakers.”

PARTNERS IN TONE
REX BROWN

“I’m literally blown away by these speakers! Thunder!!”

PULSE 10

With its robust steel chassis, PULSE 10, provides a rock-solid bass performance whether alone in a single speaker combo, in a 4x10 or even an 8x10 cab. Expect a tight, punchy low end with a warm mid-range that’s full of presence, bringing focus and articulation to your playing. This heavy-duty driver truly delivers bass you can feel as well as hear.

PULSE 12

For bass players demanding well-defined clarity and stunning articulation together with a rich, full tone, PULSE 12 bass speakers deliver an ideal combination of responsiveness and rock solid low end. The Kevlar-loaded cone pulses with up to 200 watts of raw bass power. Expect each note to deliver a thick, percussive attack along with the mid-range necessary to break through in any performance situation.

PULSE 15

With a longer voice coil for increased ‘throw’ and a multi-roll surround that provides exceptional linearity and superb bass extension, the 400-watt PULSE 15 is impeccably-designed sonic artillery. Featuring a Kevlar loaded cone and rigid steel chassis designed for maximum energy transfer, this robust and reliable speaker truly is a powerhouse of deep bass tone.

For those that bring rumble and thunder, Celestion has created PULSE – a range of three powerful, dependable, ferrite magnet bass speakers built to deliver your sound with all the punch and clarity you need to hold down the bottom end in any musical situation. Rigid steel frames ensure maximum energy transfer, highly responsive Kevlar-loaded cones enhance the dynamics, extra-long voice coils extend ‘throw’ and multi-roll surrounds increase bass response.
BASS SPEAKERS

Expect a potent combination of technology and tone from Celestion bass speakers, built to deliver the exceptional performance demanded by modern amplifiers, while meeting the sonic demands of a wide range of players and playing styles. With a choice of 10”, 12” and 15” chassis sizes, impedances and magnet types, the Celestion Bass Speaker range provides amp builders and players looking to upgrade their rigs with a comprehensive range of options.

PARTNERS IN TONE
TROY SANDERS plays BL10-100X

BL10-100X

10” Ferrite 100Watts 8 Ohm 94dB

Built for bass without compromise, the 100-watt BL10-100X delivers heavy duty presence with drive, clarity and a full-bodied tone. Fast and articulate, this dependable performer brings clarity and definition to every note.

PARTNERS IN TONE
CESAR CHANONA

“In my 20 years of playing only Celestion has given me all of the bass, definition and power I need to sound my best.”

BN10-200X

10” Neo 200Watts 8 Ohm 96dB

Expression and musicality come as standard with the 200-watt BN10-200X. Light in weight but not certainly not in performance, this neodymium magnet bass speaker delivers a rich warm tone combined with a powerful low end punch.

BN10-300X

10” Neo 300Watts 4 Ohm 96dB

Delivering superb low end projection and a detailed mid-range that only an advanced Celestion neodymium motor could be capable of. Available exclusively in 4Ω, the BN10-300X is an excellent and very lightweight tone machine.
Deploying Neo-magnet ‘BN’ speakers can dramatically reduce the weight of a bass cabinet or combo – a welcome development for any hard-working bass player – while the availability of 4Ω and 8Ω impedance options provides flexibility for configuring single or multiple driver cabinets. And it all comes with legendary Celestion performance and dependability, delivering the bottom line night after night.

PARTNERS IN TONE
TOMMY STINSON
“I’m loving these 15-inch Celestions. They work great!”

PARTNERS IN TONE
ADEN BUBECK
plays BN15-400X

BASS SPEAKERS

BL15-300X
15” Ferrite 300 Watts 4 Ohm 96 dB

This 15” steel bass speaker has industry leading engineering built in, together with signature Celestion tone that you can feel with every single note.

BN15-300X
15” Neo 300 Watts 4 Ohm 96 dB

BN15-300X has a lightweight magnet for increased portability and is purpose-built to provide 300-watt power handling and a rich, warm bass tone.

BN15-400X
15” Neo 400 Watts 4 Ohm 96 dB

With 400-watt of thunderous power handling capability, the lightweight neodymium magnet BN15-400X skilfully brings your low end to the forefront.

BN12-300S
12” Neo 300 Watts 4/8 Ohm 95 dB

12-inch bass speakers deliver an ideal combination of responsiveness and rock solid low end. This highly efficient, lightweight neodymium speaker is a strong performer whatever your rhythmic style. The BN12-300S delivers clear, well-balanced bass so you will be confident in your performance whether holding the line or punching through the mix.
### GUITAR LOUDSPEAKER SPECIFICATIONS

**RUBY**

- **Nominal Diameter**: 12" (300mm)
- **Nominal Impedance**: 8Ω & 16Ω
- **Power Rating**: 75W
- **Resonance Frequency**: 70-5000Hz
- **DC Resistance**: 6.7Ω & 13.1Ω
- **SPL (dB)**: 110

**BLUE**

- **Nominal Diameter**: 12" (300mm)
- **Nominal Impedance**: 8Ω & 16Ω
- **Power Rating**: 60W
- **Resonance Frequency**: 70-5000Hz
- **DC Resistance**: 6.5Ω & 13.2Ω

**CREAM**

- **Nominal Diameter**: 12" (300mm)
- **Nominal Impedance**: 8Ω & 16Ω
- **Power Rating**: 60W
- **Resonance Frequency**: 70-5000Hz
- **DC Resistance**: 6.5Ω & 13.2Ω

**GOLD**

- **Nominal Diameter**: 12" (300mm)
- **Nominal Impedance**: 8Ω & 16Ω
- **Power Rating**: 60W
- **Resonance Frequency**: 70-5000Hz
- **DC Resistance**: 6.5Ω & 13.2Ω

**G12M GREENBACK**

- **Nominal Diameter**: 12" (300mm)
- **Nominal Impedance**: 8Ω & 16Ω
- **Power Rating**: 70W
- **Resonance Frequency**: 70-5000Hz
- **DC Resistance**: 6.6Ω & 13.1Ω

**G12H ANNIVERSARY**

- **Nominal Diameter**: 12" (300mm)
- **Nominal Impedance**: 8Ω & 16Ω
- **Power Rating**: 60W
- **Resonance Frequency**: 70-5000Hz
- **DC Resistance**: 6.3Ω & 12.6Ω

**G12E6VH**

- **Nominal Diameter**: 12" (300mm)
- **Nominal Impedance**: 8Ω & 16Ω
- **Power Rating**: 60W
- **Resonance Frequency**: 70-5000Hz
- **DC Resistance**: 6.4Ω & 13.2Ω

**G12M-65 CREAMBACK**

- **Nominal Diameter**: 12" (300mm)
- **Nominal Impedance**: 8Ω & 16Ω
- **Power Rating**: 60W
- **Resonance Frequency**: 70-5000Hz
- **DC Resistance**: 6.5Ω & 13.2Ω

### GUITAR LOUDSPEAKER FREQUENCY RESPONSE

#### RUBY

- **Frequency (Hz)**: 20 - 20k
- **SPL (dB)**: 90 - 110

#### BLUE

- **Frequency (Hz)**: 20 - 20k
- **SPL (dB)**: 90 - 110

#### CREAM

- **Frequency (Hz)**: 20 - 20k
- **SPL (dB)**: 90 - 110

#### GOLD

- **Frequency (Hz)**: 20 - 20k
- **SPL (dB)**: 90 - 110

#### G12M GREENBACK

- **Frequency (Hz)**: 20 - 20k
- **SPL (dB)**: 90 - 110

#### G12H ANNIVERSARY

- **Frequency (Hz)**: 20 - 20k
- **SPL (dB)**: 90 - 110

#### G12E6VH

- **Frequency (Hz)**: 20 - 20k
- **SPL (dB)**: 90 - 110

#### G12M-65 CREAMBACK

- **Frequency (Hz)**: 20 - 20k
- **SPL (dB)**: 90 - 110

### MOUNTING INFORMATION

- **Cut-out Diameter**: 11.1" (282mm)
- **Mounting Hole PCD**: 11.7" (297mm)
- **Mounting Hole Dimensions**: 0.31", 7.9mm Ø
- **Number of Mounting Holes**: 4

### DC Resistance

- **RUBY**: 6.70 & 13.10
- **BLUE**: 6.40 & 11.80
- **CREAM**: 6.70 & 13.10
- **GOLD**: 8.50 & 17.00
- **G12M GREENBACK**: 7.50 & 15.00
- **G12H ANNIVERSARY**: 7.50 & 15.00
- **G12E6VH**: 7.50 & 15.00
- **G12M-65 CREAMBACK**: 7.50 & 15.00

### Resonance Frequency $F_r$

- **RUBY**: 750Hz
- **BLUE**: 750Hz
- **CREAM**: 750Hz
- **GOLD**: 750Hz
- **G12M GREENBACK**: 750Hz
- **G12H ANNIVERSARY**: 750Hz
- **G12E6VH**: 750Hz
- **G12M-65 CREAMBACK**: 750Hz

### Frequency Range

- **RUBY**: 75-5000Hz
- **BLUE**: 75-5000Hz
- **CREAM**: 75-5000Hz
- **GOLD**: 75-5000Hz
- **G12M GREENBACK**: 75-5000Hz
- **G12H ANNIVERSARY**: 75-5000Hz
- **G12E6VH**: 75-5000Hz
- **G12M-65 CREAMBACK**: 75-5000Hz

### Power Rating

- **RUBY**: 75W
- **BLUE**: 60W
- **CREAM**: 60W
- **GOLD**: 60W
- **G12M GREENBACK**: 70W
- **G12H ANNIVERSARY**: 60W
- **G12E6VH**: 60W
- **G12M-65 CREAMBACK**: 60W
### GUITAR LOUDSPEAKER SPECIFICATIONS

**G12H-150 REBACK**  
**A-TYPE**  
**V-TYPE**  
**MIDNIGHT 60**  
**G12T HOT 100**  
**ROCKET 50**  
**SEVENTY 80**  
**F12-X200**  

#### GENERAL SPECIFICATIONS
- Nominal Diameter: 12"  
- Nominal Impedance: 8Ω  
- Power Rating: 150W  
- Sensitivity: 100dB  
- Voice Coil Diameter: 2"  
- Magnet Type: Ceramic  
- Magnet Weight: 50oz  
- Cut-Out Diameter: 0.31"  
- Chassis Depth*: 3.30"  
- Overall Depth: 3.07"  

#### MOUNTING INFORMATION
- Cut-Out Diameter: 11.1"  
- Diameter: 12.3"  
- Magnet Structure Diameter: 6.6"  
- Mounting Hole PCD: 117mm  
- Number of Mounting Holes: 8  
- Chassis Depth: 3.71"  
- Weight: 700g  

#### RESONANCE FREQUENCY RESPONSE

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<th>Frequency (Hz)</th>
<th>MIDNIGHT 60</th>
<th>G12T HOT 100</th>
<th>ROCKET 50</th>
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<th>F12-X200</th>
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**GUITAR LOUDSPEAKER SPECIFICATIONS**

**G10 GOLD**  
**G10 CREAMBACK**  
**G10 VINTAGE**  
**VT JUNIOR**  
**G15V-100 FULLBACK**

#### MOUNTING INFORMATION
- Cut-Out Diameter: 7.2"  
- Diameter: 8.1"  
- Magnet Structure Diameter: 5.3"  
- Mounting Hole PCD: 113.5mm  
- Number of Mounting Holes: 8  
- Chassis Depth: 2.28"  
- Weight: 810g  

#### RESONANCE FREQUENCY RESPONSE

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<tr>
<th>Frequency (Hz)</th>
<th>G10 GOLD</th>
<th>G10 CREAMBACK</th>
<th>G10 VINTAGE</th>
<th>VT JUNIOR</th>
<th>G15V-100 FULLBACK</th>
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**GUITAR LOUDSPEAKER FREQUENCY RESPONSE**

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**BASS LOUDSPEAKER SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Rating</th>
<th>Nominal Impedance</th>
<th>Magnet Type</th>
<th>Cone Material</th>
<th>Mounting Hole PCD</th>
<th>Diameter</th>
<th>Cut-out Diameter</th>
<th>Fs</th>
<th>Qts</th>
<th>Qes</th>
<th>Mms</th>
<th>Fs</th>
<th>D</th>
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<tbody>
<tr>
<td>BN15-300S (8)</td>
<td>300W</td>
<td>8Ω</td>
<td>Neodymium</td>
<td>Polyimide</td>
<td>14.5&quot;, 369mm</td>
<td>15.2&quot;</td>
<td>15.2&quot;, 385mm</td>
<td>5.7Ω</td>
<td>0.53</td>
<td>0.361</td>
<td>0.833</td>
<td>8.72</td>
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<tr>
<td>BN15-400X</td>
<td>400W</td>
<td>8Ω</td>
<td>Neodymium</td>
<td>Polyimide</td>
<td>14.5&quot;, 369mm</td>
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**SMALL SIGNAL PARAMETERS**

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<th>Model</th>
<th>Voice Coil Winding Width</th>
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<th>Frequency Range</th>
<th>Surround Material</th>
<th>Former Material</th>
<th>Voice Coil Diameter</th>
<th>Magnet Type</th>
<th>Cone Material</th>
<th>Mounting Hole PCD</th>
<th>Diameter</th>
<th>Cut-out Diameter</th>
<th>Fs</th>
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</thead>
<tbody>
<tr>
<td>BN10-200X</td>
<td>0.51&quot;, 13mm</td>
<td>0.244mm/N</td>
<td>38-3000Hz</td>
<td>Cloth-sealed</td>
<td>Polyimide</td>
<td>2&quot;, 50.8mm</td>
<td>Neodymium</td>
<td>Polyimide</td>
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<tbody>
<tr>
<td>BN10-200X</td>
<td>10&quot;</td>
<td>200W</td>
<td>8Ω</td>
<td>Neodymium</td>
<td>Polyimide</td>
<td>9.6&quot;, 245mm</td>
<td>10&quot;</td>
<td>9.6&quot;, 245mm</td>
<td>5.2Ω</td>
<td>0.42</td>
<td>0.392</td>
<td>0.843</td>
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<td>3.09in</td>
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<tr>
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**MOUNTING INFORMATION**

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**SPL (dB)**

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**CHASSIS DIMENSIONS**

For illustrative purposes only. Refer to Mounting Information for complete, individual loudspeaker dimensions. Measurements shown in mm, to convert to inches, divide by 25.

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**8" LOUDSPEAKERS**

**CONNECTOR TAGS**
Connector tag dimensions are common to all loudspeakers.

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**10" LOUDSPEAKERS**

**ALNICO MAGNET**

**FERRITE/NEO MAGNET**

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**12" LOUDSPEAKERS**

**ALNICO MAGNET**

**FERRITE/NEO MAGNET**

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**15" LOUDSPEAKERS**

**FERRITE/NEO MAGNET**
BUILD YOUR OWN 1X12 CABINET FOR THE F12-X200
FULL RANGE, LIVE RESPONSE LOUDSPEAKER

The world's first dedicated guitar loudspeaker for use with amp modellers and IRs delivers great guitar tone in a conventional open or closed back guitar cabinet. To get the most from the speaker's full range capability, we recommend loading it into a bass reflex cabinet. Here's one you can build yourself.

F12-X200 Small Signal Parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>0.26m/10.24in</td>
</tr>
<tr>
<td>Fs</td>
<td>69.8Hz</td>
</tr>
<tr>
<td>Mms</td>
<td>50.19kg/117.77oz</td>
</tr>
<tr>
<td>Qms</td>
<td>12.07</td>
</tr>
<tr>
<td>Qv</td>
<td>0.631</td>
</tr>
<tr>
<td>Qx</td>
<td>0.777</td>
</tr>
<tr>
<td>Re</td>
<td>5.910</td>
</tr>
<tr>
<td>Vea</td>
<td>47.3/16.7 cu. ft.</td>
</tr>
<tr>
<td>Bl</td>
<td>12.52Tm</td>
</tr>
<tr>
<td>Cms</td>
<td>0.103mm/N</td>
</tr>
<tr>
<td>Rms</td>
<td>1.834kg/s</td>
</tr>
</tbody>
</table>

Units shown in millimetres. To convert to inches, divide figure by 25.

Cut baffle hole to pipe OD (110)

290x18x18 birch ply strips

101.6 ID, 110 OD, PVC pipe

PARTNERS IN TONE
LZZY HALE
plays Vintage 30