

Celestion Copperback Digital Dynamic Speaker Responses



Celestion, a manufacturer of guitar and bass loudspeakers and professional audio drivers for sound reinforcement applications, is very announces that the Celestion Copperback collection is available digitally as a Dynamic Speaker Response (DSR,) the next-generation digital speaker responses that capture the sound and feel of the speaker's dynamic, non-linear responses for even greater tonal detail. The new Copperbacks join the extensive collection of Celestion DSRs designed especially for use with SpeakerMix Pro, the self-contained studio-grade DAW plug-in offering ground-breaking levels of detail and stunning guitar and bass speaker tones. The complete Celestion digital collections of IRs and DSRs, as well as the SpeakerMix Pro plug-in, are available for download at [CelestionPlus.com](https://www.celestion.com/plus).

The Celestion Copperback speaker was designed with a different tonal flavour in mind than other classic Celestion guitar speakers. The Copperback is more tonally transparent than others, and through this, reveals the sonic characteristics and detailed nuances of your amp and guitar playing without introducing a great deal of additional colouration that's often generated by cone break-up.

The Copperback's unique characteristics deliver a satisfying combination of tight lows, neutral low-mids, open upper-mid definition and well-controlled high treble,

for the ultimate control over guitar tone - from shimmering, bell-like tones to almost flute-like high gain with a simple tweak of the amplifier's drive setting. The design of the Copperback combines elements taken from Celestion classic guitar speakers which imbue superb musicality. To this is added key characteristics from Celestion's range of professional audio speakers, such as a treated cambric surround, composite voice coil former, curved cone profile and a large paper dust cap that, all put together, enable the speaker to deliver superb transparency and evenness of response.

The unique and innovative Copperback has been faithfully captured in digital form as Dynamic Speaker Responses. Recorded by the company's expert sound engineers using the same meticulous techniques as all of Celestion's best-selling IRs & DSRs, the Copperback DSR was captured with three pro-quality studio microphones - the classic Shure SM57, a Royer R-121 ribbon mic and a Sennheiser MD421. Each of these mics were recorded in six different positions - named within the speaker response files as Balanced, Bright, fat, Thin, Dark and Dark 2 - as well as a rear mic position for the open back cabs. The addition of a Neumann TLM107 room mic provides the user with a huge number of different mic mixes and a range of unique tonal options.

The files for the Celestion Copperback DSRs series are available individually or as a complete set. Explore the full range of sounds for this classic speaker, at a considerable saving over buying the individual files. The Celestion Copperback DSR set includes five cabinet configurations: 1×12 (both open and closed back), 2×12 (both open and closed back) and 4×12 (closed back).

As a host program for the new Copperback as well and the entire line of Celestion DSRs, SpeakerMix Pro presents the genuine next-generation virtual speaker solution. More than just a top-level IR loader and convolution engine for hosting impulse responses-- it offers pristine sound, mixes up to six channels of different responses into a stereo or mono track and even fixes IR sample rate/project mismatches.

With SpeakerMix Pro, users can:

- Discover Celestion's proprietary Dynamic Speaker Responses (DSRs), the next generation in Impulse Response technology that capture the sound and feel of the speaker's dynamic, non-linear response for even more detail and realism.
- Integrate their personal library of Celestion and third-party Impulse Responses to make the most of the tones they already own. SpeakerMix Pro uses its unique DSR algorithm to make existing IRs more dynamic sounding, enhancing their tone with even greater feel.
- Incorporate Celestion's superb room responses (or add your own) into your mix for an authentic 'live' sound. Add room delay for further 'depth' and 'size'.
- Deploy the unique Z-curve function to closely model the dynamic electrical

- coupling between amp and speaker.
- Fine-tune the mic position, enabling the user to adjust the position of the microphone across the speaker until they've found the tone that's just-right (DSR-specific functionality).

The free 14-day demo of the SpeakerMix Pro plugin is available for download and automatically installs with 10 free DSR speaker cabinets curated to give users a broad tone experience across the Celestion range of guitar and bass speakers. Users can upgrade to the full version of SpeakerMix Pro at any time during or after the trial period. Simply purchase the full version of SpeakerMix Pro and select 10 free DSR cabs (choose the preferred DSRs from the available range on the website below during upgrade).

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