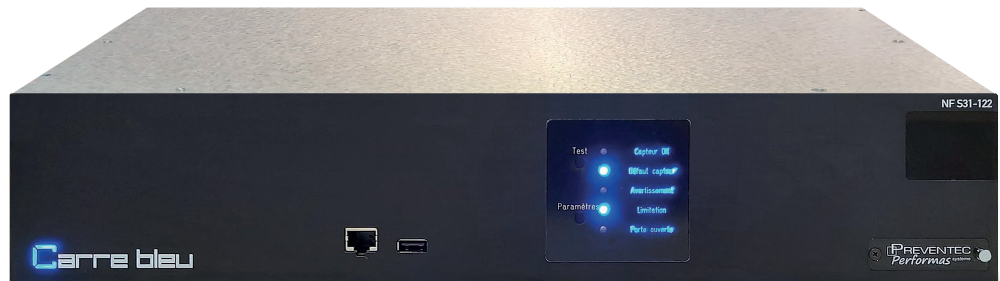


CARRE BLEU 2B

Octave band attenuation or cut-off sound pressure recorder limiter

CARRE BLEU 2B is a Limiter Recorder Display (L,E,A) of acoustic pressure meeting the standard NF S31-122-1 relating to places of amplified sound diffusion

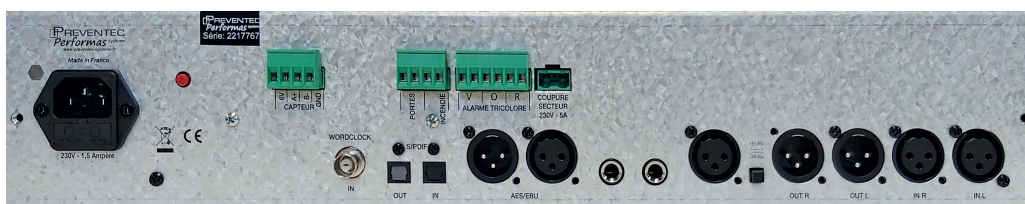
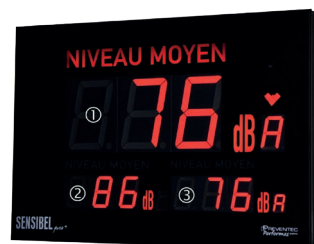
Compliant with standard NF S31-122-1
Analog and digital audio standard AES/EBU and SPDIF



- **Attenuation or cut** from overall sound pressure levels and octave band relative to setpoint levels.
- CARRE BLEU 2B has an embedded web server to facilitate configuration, viewing of the history and display of events in accordance with the NF S31-122-1 standard.
- Viewing (without software) and transfer of the history on USB key or via the web server.
- Real-time visualization of sound evolutions (web pages) on any browser and OS
- Sound level meter equipped with a system allowing the control of the correct operation of the measurement chain
- Data recording over 12 months.
- Management of the opening of doors/windows (lowering of thresholds), fire alarm management

- Visual warning (rotating light, kelson ear, light column) as an option.
- Supplied with 20m cable to connect the measurement microphone and RJ45 cable.
- Dimensions : 447 x 315 x 88 mm. 2U format (with anti-tear).
- Power source: 220V

CARRE BLEU 2B+AFF with triple display (dB(A), dB(C), LPC) and 10mn display to inform the public.



Rear panel

The CARRE BLEU 2B operates in 2 modes :

- **In attenuation mode** on the sound equipment, it manages the sound level in real time to avoid exceeding the programmed values.
It limits the sound level by octave bands: 31Hz, 63Hz, 125Hz, 250Hz, 500Hz, 1KHz, 2KHz, 4KHz, 8KHz classification 2B of standard NF S31-122-1.
 - Configuration by web server, protection of settings by password.
 - Possibility of limitation in relation to the electrical signal overall audio.
 - 30dB attenuation range.
- **In cut-off mode** if the thresholds to be monitored are reached, the limiter temporarily shuts down the mains supply (adjustable).

- Break in global level A, in global level C and by octave bands.
- Outputs for luminous alarms or displays.

• Record mode

- Recording of LAeq and LCEq 1 min and 10 or 15 min (Decree n°2017-1244 of August 7, 2017).
- Recording of Leq 1 min for each octave band.
- Recording of the maximum Lpc over each period of one minute.
- 12 month recording period.
- Automatic summer/winter time change.
- Verification and follow-up of the sound level meter measurement.