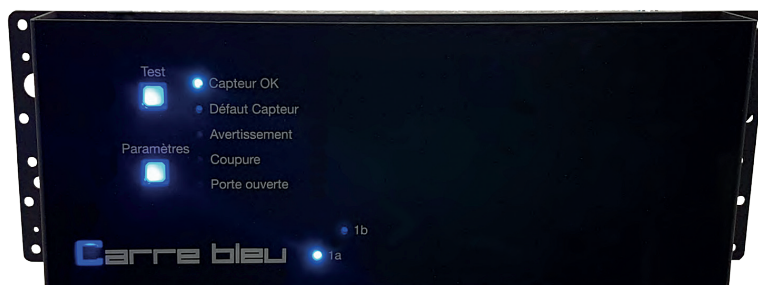


CARRE BLEU 1B

Octave band cut-off sound pressure recorder limiter

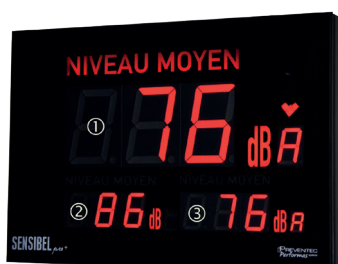
CARRE BLEU 1B is a Limiter Recorder Display (L,E,A) of acoustic pressure meeting the standard NF S31-122-1 relating to places of amplified sound diffusion

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



- Power outage in relation to **overall level** sound pressure thresholds.
- Power outage in relation to acoustic pressure thresholds per **octave band**.
- The limiter has an on-board web server to facilitate setting, viewing the history and displaying 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
- Measurement of sound pressure by octave bands from 31Hz to 8000Hz, measurement chain meeting class 2.
- 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.
- Optional remote displays.
- Dimensions: 285 x 110 x 40mm.
- Power source: 220V



CARRE BLEU 1B +AFF
with triple display
(dB(A), dB(C), LPC)
to inform the public.



Rear panel

Le CARRE BLEU 1B operates:

- **In mute mode** on the sound equipment. CARRE BLEU monitors the sound levels to avoid exceeding the programmed values, it limits the sound level from the levels by octave bands: 31Hz, 63Hz, 125Hz, 250Hz, 500Hz, 1KHz, 2KHz, 4KHz, 8KHz classification 1B of standard NF S31-122-1.
- Configuration by web server, protection of settings by password.
- If one or more octaves to be monitored are reached, the limiter temporarily shuts down (adjustable) the mains supply to the sound system.
- Cut from an average level in dB(A) and dB(C) or by octave bands.
- Outputs for luminous alarms or displays.
- **Record mode**
 - Recording of LAeq and LReq 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.