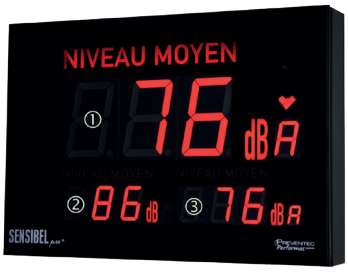
CARRE BLEU 2A

Attenuation or cut-off sound pressure recorder limiter

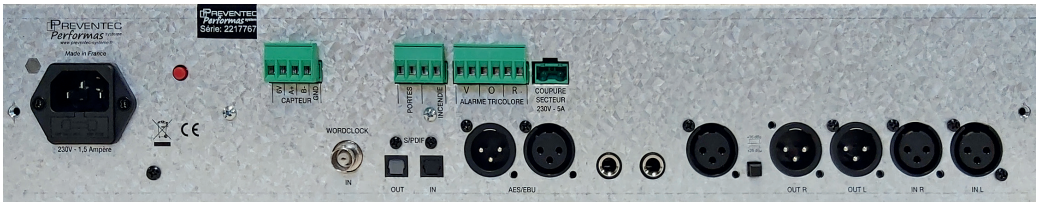
CARRE BLEU 2A is a Sound Pressure Limiter Recorder Display (L,E,A) meeting the NF S31-122-1 standard relating to places with amplified sound diffusion

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

- **Attenuation or cut** from overall sound pressure levels or **audio electrical levels.**
- CARRE BLEU 2A 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 history to USB key.
- 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 88mm 2U format (with anti-tear).
- Power source: 220V



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



Rear panel

The CARRE BLEU 2A 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 from:
  - Weighted global level A and/or C, classification 2A of standard NF S31-122.
  - 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.
  - Outputs for luminous alarms and 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.

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