CIDELEC

CID-LX

Reliable
Simple
Standalone

MADE IN FRANCE

PORTABLE
RESPIRATORY
POLYGRAPH

Benefit from the combination of CIDELEC technology and the precision of PneaVoX

Signal readings and analyses

OUR OBJECTIVE : ENABLING YOU TO USE ACCURATE, COMPLETE AND RELIABLE RECORDINGS.

STANDALONE

PORTABLE

RELIABLE

SIMPLE

COMFORTABLE

/ HOW IT WORKS

CID-LX

- **Installed** on the patient
- **12 channels** integrated into the device
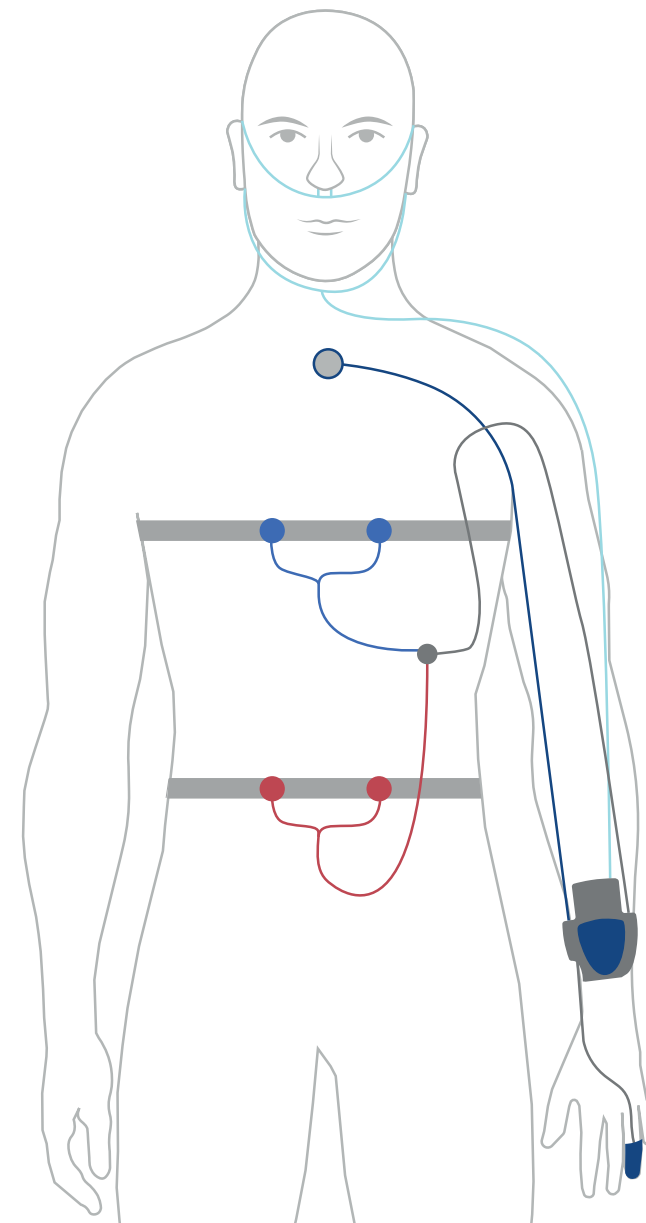- **Use** in polygraph

CIDELEC software

- **Automatic analysis** of the signals
- **Review** of the traces
- **Archiving** of data
- Customisable **summaries**

CLICK 'N CID

GET IT ON **Google Play**

Download on the **App Store**

DOWNLOAD THE APP TO SEE A 3D INSTALLATION OF OUR PRODUCTS.

/ WE OFFER

CIDELEC provides:
- **Training and installation of products on site** by our team,
- **Innovative technology of our systems** to obtain precise and reliable measurements,
- **Analysis and processing of information** with the creation of personalised reports,
- **After-sales service**, technical assistance and technical expertise

CIDELEC

⊙ **DEVICES DESIGNED & MADE IN FRANCE**

CIDELEC, 30 YEARS YOUR PARTNER

/ PERFORMANCE & QUALITIES

For almost 30 years, our devices to aid the diagnosis of sleep-related or sleep-aggravated pathologies have been designed and manufactured in France.

CIDELEC supports you throughout their use: presentation, sales, installation, user training, telephone assistance, after-sales service.

The CID-LX-206d model also has a pressure channel for the connection of a pneumotagraph when the patient uses cPAP/BIPAP treatment.

Technical characteristics CID-LX

12 channels available
Channel 13: only on CID-LX-206d
Dimensions: 32 x 82 x 114 mm- Weight: 135 g- Battery: Li-Po 1700 mAh - 3.7V

CHANNELS	BANDWIDTH	SAMPLING FREQUENCY	STORAGE	PRECISION	POINTS	ELONGATION	OTHER
Breathing sound	200 - 2000 Hz	4000 Hz	Sound intensity at 16 Hz		256		Sensitivity 20 - 80 dB Adaptive threshold
Snoring	20 - 200 Hz	4000 Hz	Sound intensity at 16 Hz		256		Sensitivity 60 - 120 dB Threshold 76 dB
Suprasternal pressure	0.02 - 20 Hz	4000 Hz	8 Hz		4096	+/- 100 Pa	
Position		1 Hz	1 Hz				5 positions
Actimeter		1000 Hz	8 Hz				
Nasal flow	0 - 10 Hz	4000 Hz	256 Hz		65536	+/- 300 Pa	
Machine pressure	0 - 10 Hz	4000 Hz	256 Hz	+/- 25 Pa	4096	0 - 2 kPa	Up to 4 kPa on request
SpO$_2$[1]			75 Hz	+/- 3% 100%) [2]	100	0 - 100%	Averaged over 4 pulse cycles
Pulse rate[1]			8 Hz	+/- 5 BPM [2]	128	40 - 240 BPM [2]	
Photoplethysmogram [1]			75 Hz				
Inductive straps	0.1 - 10 Hz		32 Hz		65536		
Pneumotachograph [3]	0 - 10 Hz	4000 Hz	16 Hz	+/- 4%	4096	+/- 1 litre/s	

(1) NONIN manufacturer
(2) Under the least favourable conditions
(3) Only available on CID-LX-206d

/ PNEAVOX

PneaVoX technology is unique.

One sensor records 3 physiological parameters :
- Buccal and nasal **breathing**,
- **Respiratory effort** via suprasternal pressure to differentiate between obstructive, central and combined apneas,
- **Snoring** (energy, intensity).

Finally, the PneaVoX sound sensor **analyses upper airway resistance** by measuring the sound intensity.

*"The **PneaVoX sound sensor**, to improve differentation between sleep disorders via the analysis of tracheal sounds."*

PNEAVOX®
TECHNOLOGY

/ SCIENTIFIC BIBLIOGRAPHY

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[...]

PURCHASE