



	64ch model	48ch model	32ch model	16ch model
External dimensions (W x H x D)	approx. 300 x 197 x 200mm	approx. 300 x 153 x 200mm	approx. 300 x 109 x 200mm	approx. 300 x 65 x 200mm
Weight*	approx. 10kg	approx. 7.7kg	approx. 5.4kg	approx. 3.1kg
Power consumption	AR-LXPA1000 (Analog) x 4	approx. 81W	approx. 64W	approx. 47W
	AR-LXST1000 (Strain) x 4	approx. 133W	approx. 103W	approx. 73W
				approx. 30W
				approx. 43W

* Not including AC adapters, media and optional boards

Specifications

Product configuration	Main unit LX-1000	Up to 4 amplifiers can be incorporated.
	Expansion unit AU-LX1000EPIO	Up to 4 amplifiers can be incorporated.
Power supply	AC100V – 240V (from included AC adaptor), DC 8V – 36V	
Maximum number of channels	Analog recording: up to 64 ch / pulse recording: 2 ch	*A cooling fan is necessary if even one AR-LXST1000 is installed.
Cooling	No external cooling required (Fanless: up to 32 ch)	
Sampling frequencies	102.4kHz series	102.4k / 51.2k / 25.6k / 12.8k / 5.12k / 2.56k / 1.28kHz
	100kHz series	100k / 50k / 20k / 10k / 5k / 1kHz
	96kHz series	96k / 48k / 24k / 12k / 6k / 3k / 1.5kHz
	65.54kHz series	65.536k / 32.768k / 16.384k / 8.192k / 4.096k / 2.048k / 1.024kHz
	Low speed sampling	500 / 200 / 100 / 50 / 10 / 5 / 1Hz
Quantization bit depth	16bit / 24bit	
Interface for PC	Gigabit Ethernet (1000BASE-T) x 1 port	
Recording media	SDHC / SDXC card (8GB – 128GB, CLASS 10 or more) / PC direct recordable	
Maximum recording rate	3.2Mbyte/s	40kHz band (102.4kHz sampling) x 16-bit x 16ch
Synchronized operation	LX-1000 Synchronization	Up to 4 units
	VR-24 synchronization	1 unit
Pulse input (standard equipment)	Number of input channels	2
	Input connector type	BNC
	Input format	Unbalanced
	Input impedance	100kΩ
	Input voltage	±50V maximum (threshold ±20V)
	Input frequency	450kHz maximum
	Threshold	±0.5V / ±1V / ±2.5V / ±5V / ±10V / ±20V (switchable)
	Division ratio setting	1 – 255
	Moving average	1, 2, 4, 8, 16
GPS input (standard equipment)	Number of input channels	1ch
	Input connectors	DX10A-20S (50)
	Recommended GPS module	GARMIN GPS18x-5Hz
Voice memo input and output	Sampling frequency	8kHz
	Quantization bit depth	8 bit
	File format	WAV
Operating conditions	Operating temperature / humidity range	0 to 40°C / 10 to 80% (no condensation)
	Storage temperature / humidity range	–20 to 60°C / 5 to 90% (no condensation)
	Operating air pressure range	860 – 1060hPa
	Vibration resistance	MIL-STD-810E Figure 514.4-1, 2, 3

Accessories

- CD-ROM × 1
Contents: Instructions for Use, LXX Navi software*, LXX Navi Operation Manual
- AC adapter
LX-1000 only ×1
System with LX-1000 and one AU-LX1000EPIO unit ×1
System with LX-1000 and two AU-LX1000EPIO units ×2
System with LX-1000 and three AU-LX1000EPIO units ×2
- AC adapter power cords same as number of AC adapters
- Microphone for voice memos ×1
- Earphone ×1
- Front handle (TZ-LXFH1000) ×1

Options

- BU-LX1000 Battery Box
- ER-LXRC1000 Remote control unit
- TZ-LXFAN1000 Cooling fan unit
- NP-7LS Battery pack
- JL-2PLUS Battery Charger
- LXGPS18X (5Hz) GPS receiver
- CS-LX1016 Carrying Case (for up to 16ch)
- CS-LX1032 Carrying Case (for up to 32ch)
- TZ-LXVMK series Vehicle Mount Adapter
- CL-DRDC DC power cable



BU-LX1000
Mounting image with 16CH model

* Batteries and battery charger are sold separately.
Continuous operation time on battery unit: approx. 7 hours

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TEAC

DATA RECORDER LX-1000



32ch model



64ch model



48ch model



16ch model

In Pursuit of Data Recording Further challenges to recording, and evolution



