



	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. 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
GPS input (standard equipment)	Moving average	1, 2, 4, 8, 16
	Number of input channels	1ch
	Input connectors	DX10A-20S (50)
	Recommended GPS module	GARMIN GPS18x-5Hz
	Sampling frequency	8kHz
Voice memo input and output	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 x 1
Contents: Instructions for Use, LXX Navi software*, LXX Navi Operation Manual
- AC adapter x1
LX-1000 only x1
System with LX-1000 and one AU-LX1000EPIO unit x1
System with LX-1000 and two AU-LX1000EPIO units x2
System with LX-1000 and three AU-LX1000EPIO units x2
- AC adapter power cords same as number of AC adapters
- Microphone for voice memos x1
- Earphone x1
- Front handle (TZ-LXFH1000) x1

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

TEAC and TAFMat are trademarks of TEAC CORPORATION, registered in the U.S. and other countries. SDXC Logo is a trademark of SD-3C, LLC. Other company names, product names and logos in this document are the trademarks or registered trademarks of their respective owners. Features and specifications are subject to change without notice.

TEAC EUROPE GmbH.

Bahnstrasse 12, 65205 Wiesbaden-Erbenheim, Germany
Tel.: +49-(0)611-7158-651 +49-(0)611-7158-392
e-mail: info@teac.eu URL: https://teac.eu

TEAC

DATA RECORDER LX-1000



32ch model



64ch model



48ch model



16ch model

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



