



	WX-9016	WX-9032	WX-9064	WX-9096	WX-9128
Size (W x H x D) [mm]	348 x 123 x 220	348 x 164 x 220	348 x 246 x 220	348 x 328 x 220	368 x 469 x 318
Weight [kg]	5.7	8.3	13.4	18.5	26.4
Power consumption [W]	50	83	149	215	281

*Side frames are included with 112ch and 128ch models.

Main specifications				
Product configuration	Main unit	WX-9000		
	Expansion unit	AU-WX9000EPIO		
Power supply		AC 100V~240V		
		(when using AC adapter)		
Input		DC 8V~36V		
	Number of Channels	Max. 128ch		
	Connector	BNC		
	Signal type	Voltage (AC/DC)		
		IEPE (TEDS supported)		
	Range	0.1 / 0.2 / 0.5 / 1 / 2 / 5 / 10 / 20 / 50V		
	Quantization bit depth	24bit / 16bit		
	Isolation between channels	Isolated every 2ch		
	MIC set	FLAT / A / C		
	HPF	10Hz / 20Hz		
Dynamic Range		137dB (FFT-based)		
	Max. Recording Rate	32.768MB/s		
		16bit : 256kHz×64ch		
		24bit : 256kHz×32ch		
Output	Range	±5V		
	Connector	BNC		
Synchronized Operation	WX-9000 Synchronization	Up to 2 units (max. 256ch)		

GPS Input	Number of Input Channels	1
	Connector	DX10A-20S (50)
	Supported GPS receiver	TZ-GR8015R
Voice memo	Sampling frequency	8kHz
	Quantization bit depth	8bit
	File format	WAV
Operating conditions	Operating temperature/humidity	0-40°C/10-80% (no condensation)
	Storage temperature/humidity	-20 to 60°C/5 to 90% (non-condensing)
	Operating air pressure range	860 ~1060hPa
	Vibration resistance	MIL-STD-810H Figure 514.8C-2
Communication Interface		Gigabit Ethernet
Recording Media		2.5-inch SATA SSD

Included accessories

AC adapter*1, SSD cartridge*2, Quick start guide, Earphone, Microphone,
NOTE: The English Instructions for Use can be downloaded from
<<https://datarecorder.jp/en/>>, and for WX9K Navi Software please contact via the website.

Options

Cable connection adapter, Connection cable between units, SD card cartridge, Side frame, Remote control, GPS receiver

*1. The number of AC adapters included varies depending on the number of channels configured.
*2. SSD is not included. Please prepare by yourself.



The photo shows the 16ch model.

TEAC CORPORATION

1-47 Ochiai, Tama-shi, Tokyo 206-8530, Japan +81-42-356-9154

TEAC AMERICA INC. <https://datarecorder.jp/en/>
10410 Pioneer Blvd. Unit #3, Santa Fe Springs, California 90670, U.S.A. +1-323-726-0303

TEAC EUROPE GmbH. <https://teac.eu/en/>
Bahnstrasse 12, 65205 Wiesbaden-Erbenheim, Germany +49-(0)611-7158-362

TEAC SALES & TRADING(Shenzhen) CO.,LTD.
Room 817,Block A, Hailrun Complex, 6021 Shennan Blvd.,Futian District,ShenZhen,China +86-755-8831-1561

Copyright© 2025 TEAC CORPORATION. All rights reserved.

Other company names and product names in this document are the trademarks or registered trademarks of their respective owners.
Features and specifications are subject to change without notice.
Precaution : To ensure safe handling and operation, read the Instruction Manual before use.
Do not install in places with a lot of water, moisture, steam, oily smoke, etc. Doing so may cause fire, electric shock, or malfunction.

PRINTED IN JAPAN 0125・ISD-254

TEAC

Wideband Data Recorder

WX-9000

Successor to the WX-7000 series

Enhancement and Evolution

To the highest, pinnacle level of data recorders

Standalone Distributed placement Channel-to-channel isolation
Improved convenience of adding channels
High sampling x Recording rate improvement



Supports up to 128 channels with additional expansion units.

Features and specifications are subject to change without notice.

Inheriting the performance of WX-7000, with further enhanced and improved functions and convenience

Further, wideband

Sampling frequency

UP!

WX-7000

WX-9000

Max. 256kHz (100kHz bandwidth)

With a higher sampling rate than the existing 80kHz, signals up to the DC100kHz band can now be recorded.

Improved number of recording channels

Max. number of recording channels

UP!

Max.recording rate : 32.768MB/s

The improved recording rate significantly increases the maximum number of recording channels.

Standalone

TEAC

Easy to operate with touch panel

Recording

Playback

Settings

Operation

Settings and operations can be performed using the main unit's touch panel or jog dial. Recorded waveforms can also be displayed on the touch panel. Everything can be done in one unit.

Adoption of SATA SSD

TEAC

The recording media used is a readily available and inexpensive 2.5-inch SATA SSD (up to 4TB), which also ensures vibration resistance. A dedicated cartridge is used, and the cartridge can be used as is as removable media. *SSD is not included.

The operation after power-on can be set

Power

Recording

Power outage

Recovery

STOP

Standby recording

Continue recording

Improved convenience for adding channels

TEAC

16ch

32ch

128ch

The number of channels can be increased by 16, up to a maximum of 128.

Channel-to-channel isolation

Isolating every 2 channels makes it less susceptible to noise and interference from other channels.

Distributed placement

TEAC

Main

Expansion

Max. 50m*

The main unit and expansion unit, and between expansion units (single recording), can be extended up to 50m with a cable connection, allowing for distributed placement.

*Cable adapters are optional. *Sampling may be subject to restrictions.

Cable-free with stack connection

Stack connection

The main unit and expansion I/O unit(s) can be connected simply by stacking them together, eliminating the need for cumbersome wiring between devices.

PC control software that has been completely redesigned from the existing Navi software and is now easier to use

WX9KNav

Waveform display

Bar meter display

FFT display

Digital display

The software for configuring the main unit, setting measurement conditions, displaying recorded data, etc. from a PC.

■ Various settings (basic settings, GPS, time, trigger, monitor output, etc.)

■ Sensor settings for each channel (TEDS or actual input)

■ Real-time monitor

■ Checking data after recording

■ Data processing and analysis by PC

System requirements

OS	Microsoft Windows 10 (64-bit version), Windows 11
CPU	Intel® Core™ i5 3.0GHz or higher, 4 Cores or higher
Memory	8GB or more
Storage (HDD/SSD)	1GB or more free space

Sampling frequencies and bands

Series 1		Series 2		Series 3		Series 4	
Fs (kHz)	Band (kHz)	Fs (kHz)	Band (kHz)	Fs (kHz)	Band (kHz)	Fs (kHz)	Band (kHz)
-	-	-	-	256.00	100.00	-	-
192.00	80.00	200.00	80.00	204.80	80.00	131.072	51.20
96.00	40.00	100.00	40.00	102.40	40.00	65.536	25.60
48.00	20.00	50.00	20.00	51.20	20.00	32.768	12.80
24.00	10.00	20.00	8.00	25.60	10.00	16.384	6.40
12.00	5.00	10.00	4.00	12.80	5.00	8.192	3.20
6.00	2.50	5.00	2.00	5.12	2.00	4.096	1.60
3.00	1.25	2.00	0.80	2.56	1.00	2.048	0.80
1.50	0.63	1.00	0.40	1.28	0.50	1.024	0.40

Number of channels that can be recorded simultaneously

Fs (kHz)				Number of channels that can be recorded analog			
Series 1	Series 2	Series 3	Series 4	Stack connection, cable 10m or less		Cable 11m or more	
				24bit	16 bit	24bit	16 bit
-	-	256.00	-	32ch	64ch	-	-
192.00	200.00	204.80	131.072	32ch	80ch	-	8ch
96.00	100.00	102.40	65.536	80ch	128ch	8ch	16ch
48.00	50.00	51.20	32.768	128ch	128ch	16ch	32ch
24.00	20.00	25.60	16.384	128ch	128ch	32ch	64ch
12.00	10.00	12.80	8.192	128ch	128ch	64ch	128ch
6.00	5.00	5.12	4.096	128ch	128ch	128ch	128ch
3.00	2.00	2.56	2.048	128ch	128ch	128ch	128ch
1.50	1.00	1.28	1.024	128ch	128ch	128ch	128ch

Approximate total recording times (4TB SSD / 24-bit recording / no voice memos)

Fs (kHz)	Band (kHz)	16ch	32ch	48ch	64ch	80ch	96ch	112ch	128ch
256.00	100.00	67:48	33:54	-	-	-	-	-	-
204.80	80.00	84:46	42:23	-	-	-	-	-	-
102.40	40.00	169:32	84:46	56:30	42:23	33:54	-	-	-
51.20	20.00	339:03	169:32	113:01	84:46	67:48	56:30	48:26	42:23
25.60	10.00	678:09	339:04	226:03	169:32	135:37	113:01	96:52	84:46
12.80	5.00	1356:19	678:09	452:06	339:03	271:15	226:03	193:45	169:32
5.12	2.00	3390:39	1695:19	1130:13	847:39	678:07	565:06	484:22	423:49
2.56	1.00	6781:30	3390:39	2260:30	1695:19	1356:18	1130:13	968:47	847:39
1.28	0.50	13563:00	6781:19	4521:00	3390:39	2712:36	2260:26	1937:34	1695:19