











Olympus Voice Recorder Specifications

		DM-720	VP-10	WS-853	WS-852	VN-541PC	
							
General	Stereo / Mono (Built-in microphone)	Stereo/Tresmic	Stereo	Stereo	Stereo	Mono	
	Recording Format	PCM/MP3	PCM/MP3/WMA	MP3	MP3	WMA	
	Internal Memory	4GB	4GB	8GB	4GB	4GB	
	External Memory	microSD	-	microSD	microSD	-	
	PC Connectivity	USB Direct	USB Direct	USB Direct	USB Direct	microUSB cable	
	Plug-in power	✓	-	✓	✓	✓	
Recording	Overall frequency response	Internal microphone frequency range	20~20,000Hz(Center Mic ON)	50~17,000Hz	70~17,000Hz	70~17,000Hz	40~13,000Hz
		PCM 48kHz/16bit	20~23,000Hz	-	-	-	-
		44.1kHz/16bit	20~21,000Hz	-	-	-	-
		22.05kHz/16bit	-	50~10,000Hz	-	-	-
		MP3 44.1kHz/320kbps	20~21,000Hz	-	-	-	-
		44.1kHz/128kbps	20~17,000Hz	50~17,000Hz	40~17,000Hz	40~17,000Hz	-
		44.1kHz/64kbps (mono)	20~13,000Hz	-	40~15,000Hz	40~15,000Hz	-
		44.1kHz/48kbps (mono)	-	-	-	-	-
		11.025kHz/8kbps (mono)	20~3,500Hz	-	40~3,500Hz	40~3,500Hz	-
		WMA 44.1kHz/32kbps (mono)	-	50~13,000Hz	-	-	200~13,000Hz (TALK) 40~13,000Hz (MUSIC)
	22.05kHz/16kbps (mono)	-	-	-	-	200~7,000Hz (MEMO)	
	8kHz/8kbps (mono)	-	-	-	-	-	
	8kHz/5kbps (mono)	-	50~3,000Hz	-	-	200~3,000Hz (LP)	
	Recording time	PCM 48kHz/16bit	5hr.	-	-	-	-
		44.1kHz/16bit	5hr. 30min.	-	-	-	-
		22.05kHz/16bit	-	12 hr.	-	-	-
		MP3 44.1kHz/320kbps	24hr. 30min.	-	-	-	-
		44.1kHz/128kbps	61hr.	66 hr.	130hr.	65hr.	-
		44.1kHz/64kbps (mono)	123hr.	-	260hr.	131hr.	-
		11.025kHz/8kbps (mono)	985hr.	-	2080hr.	1040hr.	-
WMA 44.1kHz/32kbps (mono)		-	258 hr.	-	-	Approx. 251hr. (TALK/MUSIC)	
22.05kHz/16kbps (mono)		-	-	-	-	Approx. 495hr. (MEMO)	
8kHz/8kbps (mono)		-	-	-	-	-	
8kHz/5kbps (mono)	-	1620 hr.	-	-	Approx. 1570hr. (LP)		

Olympus Voice Recorder Specifications

	DM-720	VP-10	WS-853	WS-852	VN-541PC	
						
Recording cont.	Microphone sensitivity	Hi/Mid/Lo/Auto	Hi/Lo	Hi/Lo/Auto	Hi/Lo/Auto *Linked with Recording Scene Setting MEMO: Hi, TALK: AUTO MUSIC: Lo, LP: AUTO	
	Manual recording level setting	✓	-	-	-	
	Voice activated recording	VCVA/Voice Sync.	VCVA	VCVA/Voice Sync.	VCVA/Voice Sync.	
	Timer recording	✓	-	-	-	
	Zoom microphone	✓	-	-	-	
	Anti-Rustle	-	✓	-	-	
Playback	Lowcut filter	✓	✓	✓	✓ * Always ON w/o MUSIC	
	Music player mode	✓	✓	-	-	
	Noise cancel	✓	✓	✓	✓	
	Voice playback	✓	-	-	-	
	Voice balancer	✓	✓	✓	✓	
	Equalizer	✓	-	-	-	
	Playback speed control	3.5X - 0.5X	2X - 0.5X	2X - 0.5X	2X - 0.5X	
	A-B repeat	✓	-	✓	✓	
	Shadowing	✓	✓	-	-	
	Intro playback	✓	✓	-	-	
Others	Recording & playback scene select	✓	✓	✓ (only recording)	✓ (only recording)	
	File divide	✓	PCM/MP3	✓	✓	
	Index mark	✓	✓	✓	✓ (Max. 99)	
	Calendar search	✓	✓ (date search)	✓	✓	
	Voice guidance	✓	-	-	-	
	Simple mode (Selectable font size)	-	-	✓	✓	
	Power requirements	AAA alkaline battery x1, or AAA Ni-MH rechargeable battery x1	AAA alkaline battery x1, or AAA Ni-MH rechargeable battery x1	AAA alkaline battery x2, or AAA Ni-MH rechargeable battery x2	AAA alkaline battery x2	AAA alkaline battery x2
	External power supply	A514 AC adapter	A514 AC adapter	-	-	-
	Battery life	Recording 52hr. Playback(Earphone) 35hr.	50hr. 29hr.	110hr. 90hr.	110hr. 90hr.	Approx. 60hr. Approx. 46hr.
	Internal battery charge	✓	✓	✓	-	-
Speaker / Maximum output	Built-in φ18mm round dynamic speaker/ 150mW	Built-in φ10mm round dynamic speaker/ 90mW	Built-in φ20mm round dynamic speaker/ 250mW	Built-in φ20mm round dynamic speaker/ 250mW	Built-in φ20mm round dynamic speaker/ 200mW	
Dimensions (HxWxD) mm	105.9 x 39.6 x 14.4mm	17 x 130 x 17 mm	111.5 x 39 x 18mm	111.5 x 39 x 18mm	108 x 37.5 x 20mm	
Weight (including batteries)	72g	37.5g	77g	77g	67g	