

The World's First Recording Digitization

Registration No.	Number 00198		
Registration Date	September 15, 2015	Registration Category	Category 1

Name (Model, etc.)	【 Digital Recording System and produced LP Records 】 (1)The first commercial PCM Digital Recording LP Records (Record No.: NCB-7003／NCC-8004-N) (2)PCM Digital Recorder for Record Mastering (Model No.: DENON DN-023R) (3)LP Record produced by the PCM digital recordings (Record No.: NCC-8501-N)
Location	(1)(3) Minato-ku, Tokyo (2) Ota-ku, Tokyo NIPPON COLUMBIA CO., LTD.
Owner (Custodian)	NIPPON COLUMBIA CO., LTD.
Manufacturer (Company)	NIPPON COLUMBIA CO., LTD.
Year Manufactured	(1)1971 (2)1972 (3)1972
Year first appeared	(1)1971 (2)1972 (3)1972
Reason For Selection	The resources on early digital recording are made up of the following three types of items: (1) Two record discs, “Something” and “Uzu: The World Of Stomu Yamash'ta”, produced by Nippon Columbia using the world's first PCM/digital recorder prototyped by the NHK Science & Technical Research Laboratories. These were very favorably received and the demand for practical PCM/digital recorders intensified. (2) The world's first PCM/digital recorder for professional master records, developed jointly by Nippon Columbia and the NHK Science & Technical Research Laboratories. With a four-head VTR as a data recorder, it was capable of up to 8-channel recording; reducing the number of channels could also increase the data reliability. It was capable of splice editing, necessary for producing records, advance signal playback for record cutting, half-speed playback for wide band cutting and other functions. It was put to use in recording studios from April 1972 and was awarded the Montreux International Diplome D'honneur Technique Award in 1980. (3) Records made using (2) above. The recording of Mozart's “The Hunt” and other string quartets by the Smetana Quartet went on to become a well-known and popular record for many years.
Registration Standard	1-B (Show a uniquely Japanese scientific or technological development from an international perspective.)

Open/Closed to Public	Closed to public
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Photo	
(1)  1. “Something”  2. “Uzu: The World Of Stomu Yamash'ta”	(2)  (3) 
Other useful information	