

Japan's First Monaural LP Cutting Deck

Registration No.	Number 00197		
Registration Date	September 15, 2015	Registration Category	Category 1

Name (Model, etc.)	Cutterhead for Lacquer Disc (Model No.: TYPE C-28-G)		
Location	Minato-ku, Tokyo		
	NIPPON COLUMBIA CO., LTD.		
Owner (Custodian)	NIPPON COLUMBIA CO., LTD.		
Manufacturer (Company)	NIPPON COLUMBIA CO., LTD.		
Year Manufactured	1953		
Year first appeared	1953		
Reason For Selection	A cutting deck mounted with Japan's first full-scale LP recorder, made to order by the NHK Science and Technical Research Laboratories in 1953. This was introduced to prevent modulation noise by an intermediary tape recorder. While it offered good high-frequency characteristics and could record at up to 18 kHz, it was only developed to monaural specifications and was only used for a short time until stereo LPs became popular. It had the drawback of no editing capabilities, but the fact that it offered far better sound quality than the existing devices using intermediary media led to increased demand for the development of an editable intermediary media that was free of modulation noise. This in turn led to the development of digital recording.		
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.)		

Open/Closed to Public	Closed to public		
Photo			
Other useful information			