

The digital synthesizer equipped with expressive FM sound generation

Registration No.	Number 00284		
Registration Date	September 10, 2019	Registration Category	Category 1

Name (Model, etc.)	Digital Synthesizer DX7
Location	Hamamatsu-shi, Shizuoka
	Yamaha Corporation
Owner (Custodian)	Yamaha Corporation
Manufacturer (Company)	Nippon Gakki Co., Ltd. (now Yamaha Corporation)
Year Manufactured	1983
Year first appeared	1983
Reason For Selection	A fully digital synthesizer that became a hit with professionals and amateurs alike because it was sold at a price both could afford. It was developed with the goal of achieving new, fully expressive sounds and was equipped with sound generation using frequency modulation (FM) synthesis with the carrier and the modulator, in contrast to existing electronic sounds that had been created using additive or subtractive synthesis. This new, sharp sound was called “FM sound” and gained many supporters, especially in popular music. It is valuable as the model that pioneered a new generation of synthesizers.
Registration Standard	1-B (Show a uniquely Japanese scientific or technological development from an international perspective.)

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Other useful information	