

## Audio Guide Number list 3

 Voice sample

History Walk: 1990s to Today	
78	Birth of the Silent Piano: U5AS (1993)
79	Golf clubs with forged titanium: EOS Ti-22 (1991)
80	Overview of the 1990s
81	Workstation with realistic tone and rich expressive power: SY-99 (1991)  [Demo performance by Chick Corea]
82	Synthesizer equipped with Virtual Acoustic sound generation which simulates the sound production structure of musical instruments to create sound: VL-1 (1993) 
83	Speaker system featuring handmade speakers, made in a limited edition of only 200 sets worldwide and added to New York's Museum of Modern Art (MoMA) collection: YST-SD90 (1991)
84	The digital recording console that the world had been waiting for: O2R (1995)
85	Silent Series instruments appear one after another (from 1995)
86	Full concert grand piano performed by Sviatoslav Richter, one of the leading pianists of the 20th century, at his last concerts in Japan (1994): CFIIIS
87	"Wearable" electronic instrument: Miburi (1995)
89	Skis made in Japan that won an Olympic gold medal: Proto SL (1993)
90	Overview since 2000: new challenges under a business centered on sound and music
91	Violin perfected with advice from top violinists: Artida YVN500S (2011)
92	Digital DJ gear that easily gives an authentic DJ feel: DJX-IIB (2000) 
93	Electronic entertainment instrument shaped like a trumpet but played by singing: EZ-TP (2004) 
94	Silent Taisho harp, created by Yamaha that can also be played with a bow: Violyre SH-30 (2001) 
95	New concept in electronic entertainment instruments, selected for New York's Museum of Modern Art (MoMA) permanent collection: Tenori-on (2008) 
96	Electronic piano with the theme of presence as an element of interior design: MODUS (2007)
97	Electronic entertainment instrument shaped like a guitar but played by pressing buttons to determine the chord: EZ-EG (2002) 
98	The world's first digital sound projector to achieve 5.1-channel surround sound in a single unit: YSP-1 (2004)
99	Wind instrument born out of research to recreate the sound of saxophone with a synthesizer: Venova YVS-100 (2017) 

Sound Solution Display Area & Virtual Stage	
100	History of Yamaha mixer development: Analog mixer (from 1969)
101	Large-scale digital mixer for live events: PM1D (2001)
102	Digital signal processors
103	Changes in music production tools
104	Vocaloid and Hatsune Miku
105	Speaker systems for live events
106	Speaker systems for commercial spaces and offices
107	Recording studio monitor speakers
108	Home speaker systems
109	Office conferencing systems
110	Virtual Stage: Enjoy virtual live performance with overwhelming realism!



INNOVATION  ROAD

## How to Use the Audio Guide

Listen to audio explanations using a guide device available for loan at the reception desk, or on your smartphone.



### Using your smartphone

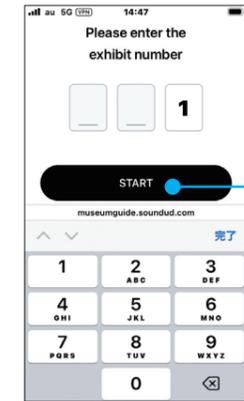
#### 1 Scan the QR code

The SoundUD Corporate Museum Guide web app opens.



#### 2 Playback the Audio Guide

Enter an Audio Guide Number, and press "START."



**START**

### Using the guide device

#### 1 Turn the power on

Press and hold the power button.

#### 2 Play the Audio Guide

An Audio Guide Number is displayed for each exhibit.

Enter the Audio Guide Number into the device and press the play button.

\*To listen again from the start, enter the Audio Guide Number again and press the play button.

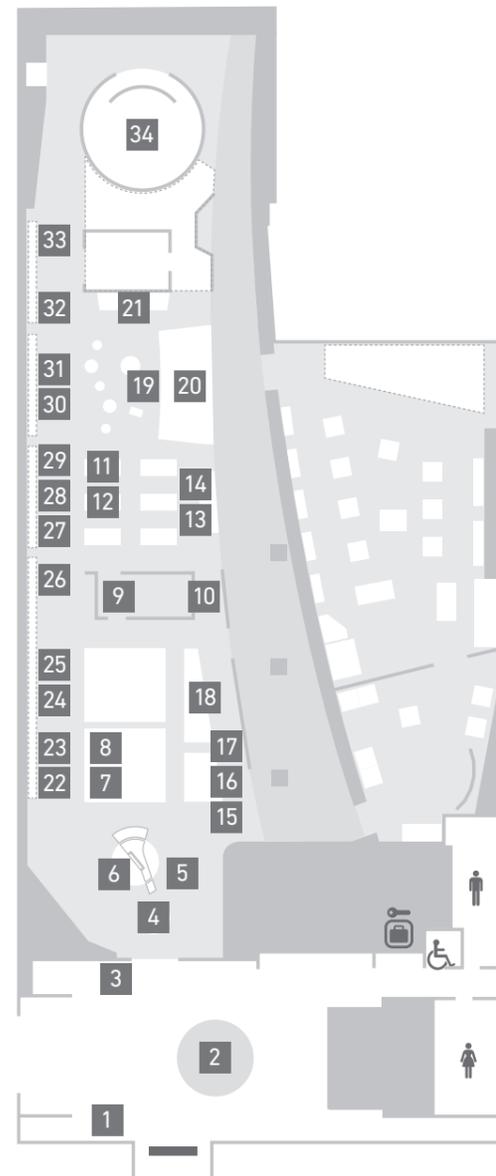


## Audio Guide Number list 1

 Voice sample

Lobby	
1	Innovation Road overview 
2	Mother and child polar bears 
3	Innovation Road logo 
Concept Stage	
4	Concept Stage: Violins 
5	Concept Stage: Saxophones 
6	A piano pleasing to both the ears and eyes: Key Between People 
Musical Instruments Display Area	
7	The pinnacle of Yamaha pianos: The CFX full concert grand piano 
8	Piano brand representative of Vienna, the capital of music: Bösendorfer 
9	Digital pianos with acoustic piano action: AvantGrand N2 & NU1X 
10	Piano that uses its soundboard to amplify digital sounds: Transacoustic piano 
11	Acoustic guitars that can add reverb or chorus without an amplifier or external effects: Transacoustic guitar 
12	Acoustic guitars that adopt a wood modification technology called Acoustic Resonance Enhancement (A.R.E.) to achieve a rich sound as if the instrument had been played for many years. 
13	The story of Carlos Santana and Yamaha, with vintage guitars: SG-175B (1996) & SG-2000 (1976) 
14	Vintage guitars: L Series (1975) 
15	Analog synthesizer with 8-voice polyphony born from the development of the Electone GX-1: CS-80 (1977) 
16	The top model in the DX Series of digital synthesizers, equipped with an FM tone generator: DX-1 (1983) 
17	Synthesizer equipped with a Virtual Acoustic tone generator that simulates the sound production structure of musical instruments to create sound: VP-1 (1994) 
18	Keyboards that recreate the tone of classic masterpieces from yesteryear: reface Series (2015) 
19	Materials, color, and timbre of brass instruments 
20	A symphonic band that embodies the sound of Yamaha: the Yamaha Symphonic Band 
21	Marching festival in the United States, the home of marching bands: Drum Corps International 
Craftsmanship Walk	
22	Structure of the piano 
23	Piano: Soundboard 
24	Piano: Strings and frame 
25	Piano: Coating and polishing - mirror finish 

26	Piano: Adjusting and voicing 
27	Violin manufacture 
28	Guitar design 
29	Guitar coating 
30	Trumpet manufacturing methods 
31	Bending the tube body: Bulge forming 
32	Automotive decorative parts 
Digital Library	
33	Digital Library and Flatone 
Super Surround Theater	
34	108.6-channel power: Super Surround Theater 



## Audio Guide Number list 2

 Voice sample

Innovation Road Map	
35	Innovation Roadmap: Presenting Yamaha's history through four paths 
36	The founding story of Yamaha and its founder Torakusu Yamaha 
37	Establishment of Yamaha Motor Company 
38	Electone development and establishment of the semiconductor factory: The decision that led to Yamaha becoming a global brand 
39	Founding of Yamaha Music School 
History Walk: From Yamaha's Founding up to the 1970s	
40	Reed organ made at the time of the company founding: The original brand name was "Yamaba" (1887) 
41	Hakone Crossing relief: An image symbolizing the story of Yamaha's founding, set into the pedestal of the statue of founder Torakusu Yamaha 
42	Start of manufacturing piano (1900) 
43	Breaking new ground in harmonicas and other new areas (1910s) 
44	Player piano: Semi-automatic piano that plays music by moving the keyboard with pneumatic pressure (1912) 
45	Yamaha Culture Set (1935) 
46	Wooden aircraft propeller (1925) 
47	Yamaha's first motorcycle: YA-1 (1955) 
48	The first Electone electronic organ model: D-1 (1959) 
49	1960s: Entry into the audio business and development of natural sound speakers 
50	1960s: Start of manufacturing instruments for light music 
51	1960s: FRP and sporting & home goods 
52	1960s: The birth of Yamaha wind instruments 
53	1970s: The spread of Electones and emergence of the GX-1 (1975) [Performance by Reiko Kashiwagi] 
54	1970s: Advancements in Yamaha Audio 
55	1970s: Entry into the pro audio business 
56	1970s: Development of tennis rackets 
57	Electone with PAS System: E-70 (1977) 
58	Drum kit loved by drummers around the world: YD-9000 (1977) 
59	The Vienna horn that saved the sound of the Vienna Philharmonic Orchestra: YHR-801 (1978) 
60	The Viennese oboe made by Yamaha specifically for the Vienna Philharmonic Orchestra, and used by only a few hundred players around the world: YOB-804 (1982) 

History Walk: To the 1980s	
61	Overview of the 1980s: The 100th anniversary of the company's founding and a change to the company name 
62	Successful miniaturization of electronic keyboard instruments: The birth of PortaSound (1980) 
63	Yamaha's home computer: YIS (announced in 1981 and released in 1982) 
64	CD player that became a worldwide hit: CD-X1 (1983) 
65	Entry into the badminton equipment business: YB50 Image (1980) 
66	Entry into the percussion business and the TP-500 timpani (1980) 
67	Entry into the golf equipment business (1982) 
68	The first digital keyboard instrument using FM sound source: GS-1 (1981) 
69	Hit digital synthesizer that recorded sales of 150,000 units: DX-7 (1983) 
70	Stage model that amazed Electone fans: FX-1 (1983) 
71	Early digital instruments with MIDI (1980s) 
72	Music sequencer said to be a "studio in the palm of your hand": QY-10 (1990) 
73	Emergence of the digital signal processor: REV-7 (1985) & SPX-90 (1986) 
74	The history of Yamaha digital mixers begins here: DMP-7 (1987) 
75	Digital sound field processor for experiencing concert hall sound at home: DSP-1 (1986) 
76	Yamaha's first video disc player: LV-X1 (1985) 
77	Clavinova, the "third instrument": CVP7 (1985) & CLP50 (1986) 

