

NTT-AT Begins Offering New Firmware for the FR-1200 Bidirectional Boundary Microphone

March 5, 2026

NTT ADVANCED TECHNOLOGY CORPORATION ("NTT-AT"; Head Office: Shinjuku-ku, Tokyo; President & CEO: Tadashi Ito) today announced the availability of new firmware for the FR-1200 Bidirectional Boundary Microphone. The update enhances core capabilities—manageability, control of the width of Directivity, and application compatibility—enabling flexible use across a wide range of scenarios such as meetings, online streaming, and various audio-capture applications. The firmware can be downloaded from NTT-AT's website and installed by users themselves, allowing existing customers to take advantage of the new features without replacing their units.

1. Key Enhancements

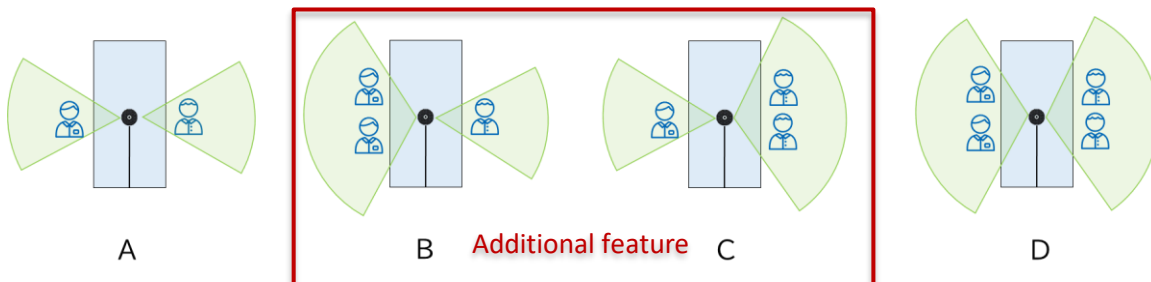
(1) Assignment of a Unique Serial Number

- A unique digital serial number is assigned to each unit.
- When connected to a PC, the unit can be identified via the configuration application or system information, improving manageability when operating multiple units.

(2) Independent Directivity Width Settings for Left and Right Channels

- Width of Directivity (Narrow/Wide) can be configured independently for the left and right channels.
- Delivers optimal sound pickup even when the seating/table layout or the number of speakers differs between the left and right sides.

New feature – Example: 180° mode configuration



(3) Switchable Audio Output Mode to a PC (Stereo / Mix)

- USB audio output can be selected as Stereo or Mix (The same content is sent to both the right and left channels).

- Enables use with applications that support only single-channel input without additional settings or application modifications.
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(4) Direction Selection in Single-Direction Mode

- In addition to the existing “Right-side” single-direction mode, a new “Top-of-microphone” single-direction mode has been added.
- Improves installation flexibility and supports a wider variety of placement environments.

(5) Updated DIP Switch Settings

- The DIP switch configuration has been revised in line with the above feature additions.

Reference: [DIP switch setting overview](#)

■ Previous DIP Switch Settings (Before Update)

	1	2	3	4	5	6	7	8
Function	Sets direction.		Sets width of direction	Sets the blue LEDs	Sets sound processing	Sets analog output	Sets USB output	Sets mute function
ON	Refer to the User Manual for details.		Narrow width of Directivity	Enabled (LEDs where sound is detected illuminate.)	Enabled	Mic output	Loud volume	Enabled
OFF			Broad width of Directivity	Disabled	Disabled	Line output	Small volume	Disabled



■ New DIP Switch Settings (After Update)



	1	2	3	4	5	6	7	8
Function	Sets direction.		Sets width of direction Right Ch	Sets width of direction Left Ch	Output Mode	Sets the blue LEDs	Sets USB output	Sets mute function
ON	Refer to the User Manual for details.		Narrow width of Directivity	Narrow width of Directivity	Stereo (2Ch)	Enabled (LEDs where sound is detected illuminate.)	Loud volume	Enable
OFF			Broad width of Directivity	Broad width of Directivity	Mix (The same content is sent to both the right and left channels.)	Disabled	Small volume	Disabled

2. Updating to the New Firmware

- The firmware will be provided for download from our website (to be released sequentially).

https://keytech.ntt-at.com/imic/manual_imic.html

- Existing users can access the new features by updating the firmware on the microphone they are currently using.

3. Availability

March 6, 2026

4. Future Developments

NTT-AT will continue expanding its product lineup and solutions to deliver high-quality voice communication.

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* The information in this release is current as of the date of announcement and is subject to change without notice.