

# **ATND1061LK**

# **ATND1061DAN**

Beamforming Array Microphone

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## **Notes on Firmware Release**

# Update details

## Ver.1.4.0

### Added functions

- Login function has been added to Web Remote.
- Microphone can now restart from Web Remote.

### Improvements

- We have improved accuracy in detecting the talker's position.
- IP address containing periods can now be entered by copying and pasting.
- The IP control command "Talker Position Notification" now supports TCP.
- We have fixed a problem that the elevation angle of room settings would reset to 0° when using "Recall Preset."
- We have fixed a problem that changing other settings became impossible when the voice lift setting was set to specific values.

# Notes on the Past Firmware Release

## Ver.1.3.1

### Improvements

- When the protocol is set to “VISCA over IP” in the camera linking function, the port number can be changed.

## Ver.1.3.0

### Added functions

- We have added an output selection for coverage and priority beams when using the voice lift function.

### Improvements

- We have made an improvement so it is easy to correct the detected talker position by setting the room reverberation to high or low.
- We have reduced the connection time between Digital Microphone Manager and the microphone and the preset saving time.
- We have improved a problem in which the ATND1061 could not be detected on the network by the Digital Microphone Manager or Locate application.
- We have changed the default values of the Command Link settings to Off.
- We have solved the problem of calling camera presets due to far-end audio while using both camera link and AEC.
- We have solved the problem of camera linking being disabled when “Settings&Maintenance” > “Camera” > “Enabled” is switched between ON and OFF during use of the camera linking function.
- The error message “[0220] (Camera communication error)” that appears when the camera is disconnected now disappears automatically when the camera is reconnected.
- We have changed the display of the IP address on the “Network” screen.

## Ver.1.2.1

### Improvements

- We have fixed a problem that caused some settings to be lost.
- We have improved a problem in which the device would restart at an unintended time during operation.
- We have fixed a problem in which the ATND1061 could not be detected on the network by the Digital Microphone Manager or Locate application.

## Notes on the Past Firmware Release

- We have adjusted the microphone indicator lamp display.
- We have solved the problem of the microphone's mute status not matching the mute status of the Digital Microphone Manager when the microphone was restarted.

### Ver.1.2.0

#### Added functions

- We have added the voice lift function.
- "Command Link" now supports IP control.

#### Improvements

- We have improved the marker display and the performance of the talker detection function.
- We have also made other minor improvements.

### Ver.1.1.0

#### Added functions

- We have added the camera linking function with PTZ cameras.

#### Improvements

- We have improved the performance of the talker detection function.
- In the talker detection function, markers are no longer displayed outside the area.
- In the IP control, talker location notification command now judges no speech when an AEC reference input is made.
- We have also made other minor improvements.

### Ver.1.0.4

#### Improvements

- We have resolved a bug where Command Link settings for the IR Remote would not work properly.

## Notes on the Past Firmware Release

- We have improved the beamforming algorithm by way of increasing the accuracy of speaker direction recognition and optimizing Beam Sensitivity settings.
- We have also made other minor improvements.

# Supported version

The firmware (Ver. 1.4.0) of this product is compatible with Digital Microphone Manager Ver. 1.5.0. When updating the firmware of this product, be sure to update Digital Microphone Manager.

# Precautions

- Always download the latest firmware when performing firmware updates. Check our website ([https://www.audio-technica.com/world\\_map/](https://www.audio-technica.com/world_map/)) for the latest information on firmware.
- Read the following procedures carefully when executing an update.
- None of the product's functions will be available while the update is in progress.
- While updating, do not disconnect any cables from the product.
- While updating, do not disconnect the LAN cable connected to the control device.
- If the update fails and the product does not start, perform a forced update procedure to recover.
- Contact your local Audio-Technica dealer if you cannot recover with a forced update.
- Device settings for the product are saved even when updating. However, just for good measure, we recommend saving them to a preset or writing down the setting values.

# About the firmware update

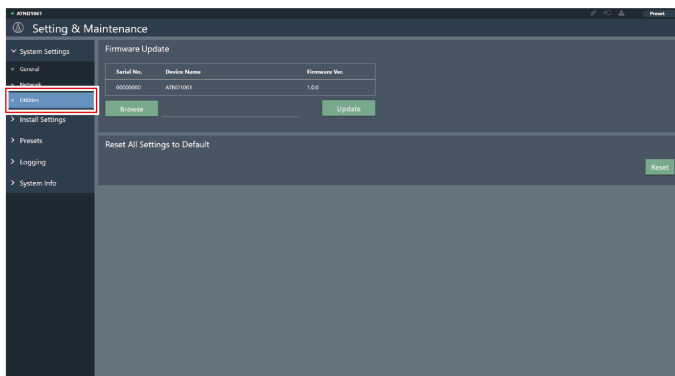
Microphone firmware can be updated using the Web Remote or Digital Microphone Manager. Before starting the update, connect the microphone with the control device. See the user manual for information on how to connect the microphone.

## Updating using Web Remote

### 1 Download the latest firmware from our website and unzip the compressed file.

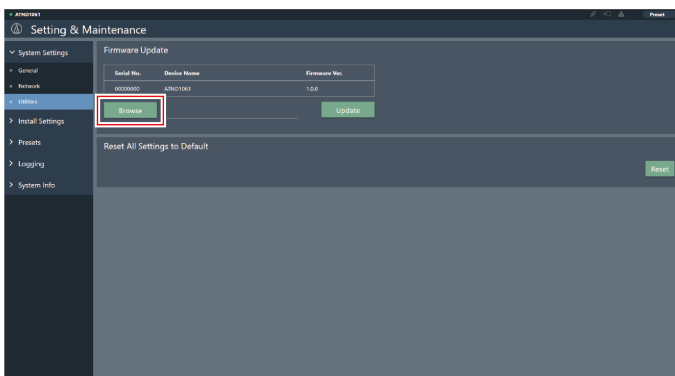
- Save the unzipped file on your local disk or in a folder.

### 2 Launch Web Remote and click “Utilities” under “System Settings”.



### 3 Use the “Serial No.”, “Device Name”, and “Firmware Ver.” shown on the screen to determine whether the microphone is subject to an update.

### 4 Click “Browse”.

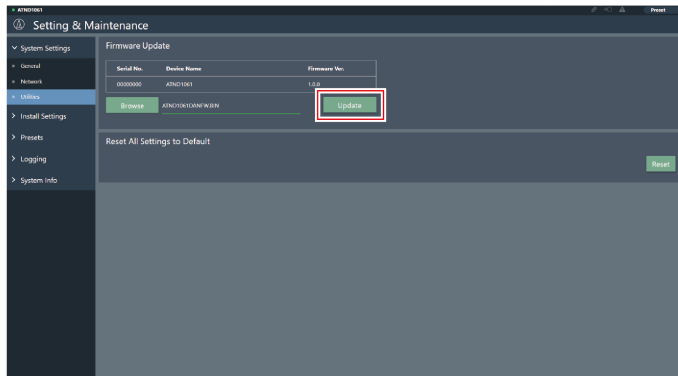


### 5 Select a file to be updated from the file selection screen.

### 6 Click “Update”.



## About the firmware update



» The update will start. Once the update is complete, the microphone will automatically reboot.

### 7 Check the firmware version.

- Confirm that the update has completed correctly in “System Info”.

### 8 Reset the microphone to the factory default settings.



- Due to additional firmware functions and improvement details, Web Remote may possibly display and function incorrectly after updating. If this occurs, delete your history and cache on your web browser.

## Updating using Digital Microphone Manager

### 1 Download the latest firmware from our website and unzip the compressed file.

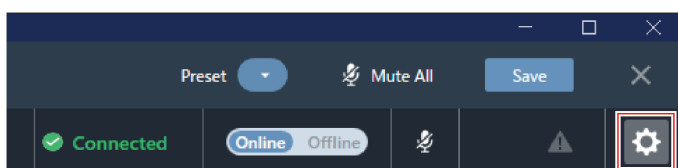
- Save the unzipped file on your local disk or in a folder.

### 2 Launch Digital Microphone Manager.

### 3 Select a microphone in the main area.

» The microphone settings screen appears.

### 4 Click the area in the red box.



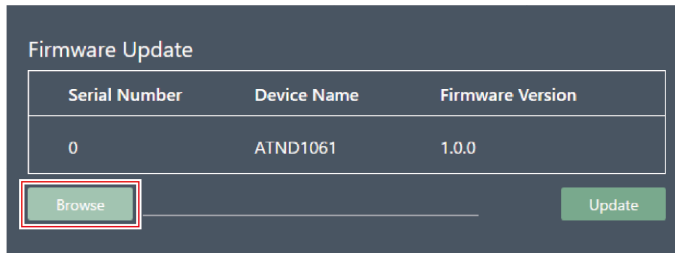
» The Settings & Maintenance screen appears.

## About the firmware update

**5** Click “Utilities” under “System Settings”.

**6** Use the “Serial Number”, “Device Name”, and “Firmware Version” shown on the screen to determine whether the microphone is subject to an update.

**7** Click “Browse”.

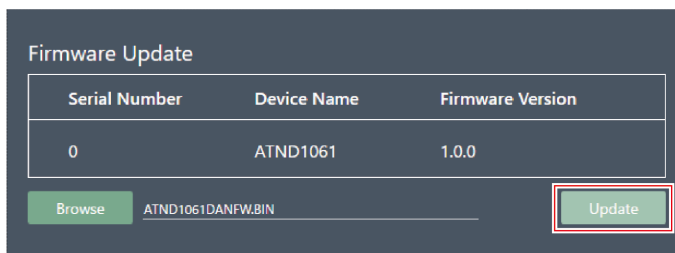


Firmware Update

Serial Number	Device Name	Firmware Version
0	ATND1061	1.0.0

**8** Select a file to be updated from the file selection screen.

**9** Click “Update”.



Firmware Update

Serial Number	Device Name	Firmware Version
0	ATND1061	1.0.0

ATND1061DANFW.BIN

» The update will start. Once the update is complete, the microphone will automatically reboot.

**10** Check the firmware version.

- Confirm that the update has completed correctly in “System Info”.

**11** Reset the microphone to the factory default settings.



- With the latest version of Digital Microphone Manager, firmware can also be downloaded from Digital Microphone Manager. When the “Download for firmware update” appears on the screen, click “Download” to download the latest firmware.

# About the forced update

If interference such as a power outage occurs while the firmware is updating that causes the update to not finish correctly, an error may occur when the product is turned on and the product may not operate normally. If this happens, the microphone can be restored to normal operation by forcibly updating the firmware.

## 1 Set the IP address of the control device to which the microphone will be connected to static.

- The following settings will be configured if the microphone has a startup error due to a failure during the update.  
IP Config Mode: Static  
IP Address: 192.168.33.102  
Subnet Mask: 255.255.255.000
- To connect the microphone to a network, set the IP address of your Windows PC/Mac to an address that can communicate with the address "192.168.33.102". (Example: 192.168.33.100)

## 2 Connect the control device to the same network as the microphone.

## 3 Launch the web browser of the control device.

## 4 Delete your web browser history and cache.

- Web Remote may possibly display and function incorrectly if you don't delete your history and cache on your web browser.

## 5 Enter the microphone's IP address, "192.168.33.102".

### Emergency Update

**Device Status**

Serial No.	Device Name	Firmware Ver.
00000100	ATND-1061	0.0.18

ファイルを選択

選択されていません

Update

Staus: -

Elapsed time: -

» Web Remote will launch in forced update mode.

## 6 Select and open a file to be updated.

## 7 Click "Update".

## About the forced update

### Emergency Update

#### Device Status

Serial No.	Device Name	Firmware Ver.
00000100	ATND-1061	0.0.18

ファイルを選択 ATND1061DANFW.BIN

Update

Status: -

Elapsed time: -

» The update will start. Once the update is complete, the microphone will automatically reboot.  
After the microphone restarts, the IP Config Mode will be switched to "Auto".

## 8 Check the firmware version on the Firmware Update screen of Web Remote or Digital Microphone Manager.

- Check the firmware version to confirm whether the microphone was updated correctly.

## 9 Reset the microphone to the factory default settings.



- Due to additional firmware functions and improvement details, Web Remote may possibly display and function incorrectly after updating. If this occurs, delete your history and cache on your web browser.

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(1) This Agreement shall be governed by the laws of Japan.

(2) It is agreed that any dispute arising in relation to this Agreement or the Licensed Program shall be subject to the jurisdiction of the Tokyo District Court or Tokyo Summary Court in the first instance, depending on the amount sued for.

**株式会社オーディオテクニカ**

〒194-8666 東京都町田市西成瀬2-46-1  
[www.audio-technica.co.jp](http://www.audio-technica.co.jp)

**Audio-Technica Corporation**

2-46-1 Nishi-naruse, Machida, Tokyo 194-8666, Japan  
[www.audio-technica.com](http://www.audio-technica.com)  
©2025 Audio-Technica Corporation  
Global Support Contact: [www.at-globalsupport.com](http://www.at-globalsupport.com)

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