

Note on the Firmware Release for the Digital Conference System ATUC-50

To use the "takon" Talk-Request On Request command through an externally controlled IP control, you need to edit the external control program. For details, refer to the "IP Control Protocol Specifications".

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Intended Devices

Use the digital conference system ATUC-50 with the latest updates, as shown in the chart below.

Model	Update version	Comments
ATUC-50CU	Ver 1.5.0	
ATUC-50DU	Ver 1.5.0	
ATUC-50INT	Exempt	Continue using version 1.5.0.

Additional Functions

Ver 1.5.0

- The ATUC-50 system now supports the interpretation unit (ATUC-50INT) and can do simultaneous interpretation for up to three languages.
- We have added a preset name to the preset import/export information.

- You can now select the preset name if you are selecting a preset using CU operations.
- The name of the preset is now displayed on the header of the web mode screen.
- We have added a menu for putting all DUs in Talk OFF automatically, even if one DU is in Talk ON. Previously, if all DUs were not in Talk OFF, settings could not be changed.
- We have made the settings for sensitivity and the settings for Mic 2 input operations independent for the speech detection function.
- The LED on the back of the DU can now be dimmed.
- We have added a function for locking the monitor channel selection buttons (fixing monitor to the floor channel) on the DU.
- We have added a display for CU Link Mode to System Info.

Improvements

Ver 1.5.0

- We have stabilized operations for when there are several DUs that are in Talk ON at the same time for operating Voice on the DUs via auto check.
- We have corrected the system so that, whether operating from the CU or Web Remote, when a fixed IP address is set, an error does not occur, even when the gateway address is not set.
- We have stabilized operations when recording request commands are sent continuously in IP Remote.
- We have solved the problem in which you could not change the SFX playback level in IP Remote.
- We have solved the problem in which the parameters for SFX playback/cancel were disabled in the IP Remote.
- To prevent misuse of commands, we have eliminated the "takon" Talk-Request On Request command, and have added a new "prmit" Talk Permission Request command for IP control.
- We have solved the problem in which a part of the logs were not output to downloaded logs.
- We have solved the problem in which the auto track function did not work when recording at a fast writing speed to a slow USB memory device.
- The panel lock function for the CU is now enabled after restarting.

Ver 1.1.0

- We have stabilized system operations while the feedback suppressor is operating.
- Playback of speech files that are less than 2 seconds long via SFX is now supported.

About the Firmware Update

Precautions

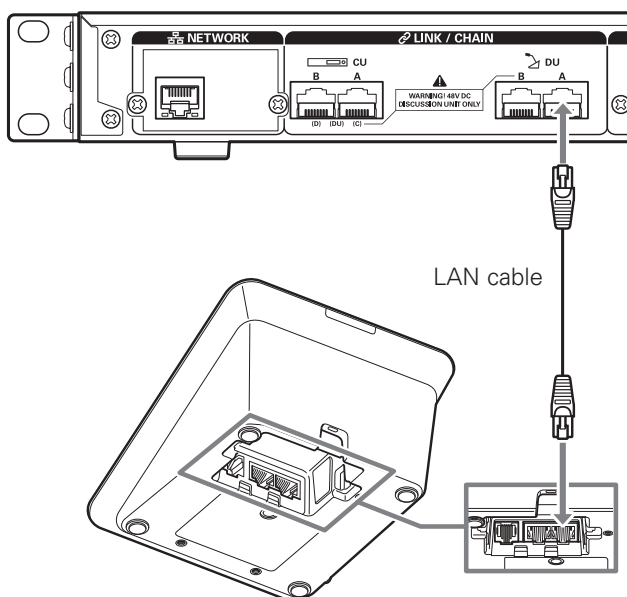
- Always download the latest firmware when doing firmware updates. Check our website (www.audio-technica.com/world_map/) for the latest information on firmware.
- Read the following procedures carefully when executing an update.
- You can also do updates via Web Remote from [Settings & Maintenance] → [System Settings] → [Utilities]. For details, refer to the instruction manual.
- While updating, do not perform any functions on the devices.
- While updating, do not turn off the power or unplug the power cable.
- While updating DUs, do not disconnect the cable (LAN cable) connected to the CU.
- If the update fails and the device does not start, or if the DUs cannot be identified, do a force update to try recovering.
- Contact your local Audio-Technica dealer if you cannot recover with a force update.
- Typically, the settings for the device are saved even when updating. However, just for good measure, we recommend saving them to a preset or writing down the setting values.

Updating DUs

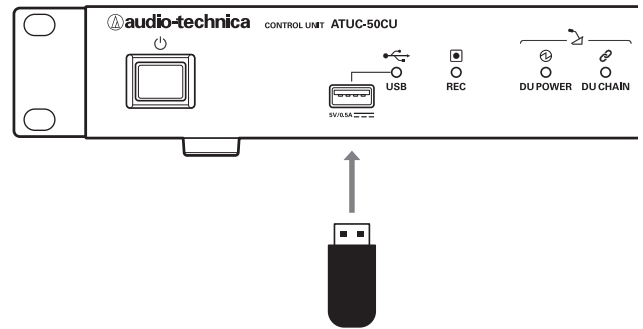
1. Download the latest firmware from our website and decompress the compressed file.
2. Copy the decompressed firmware to the root directory of your USB memory device (FAT16/32).

File name of the firmware
DU: ATUC50DUFW.BIN

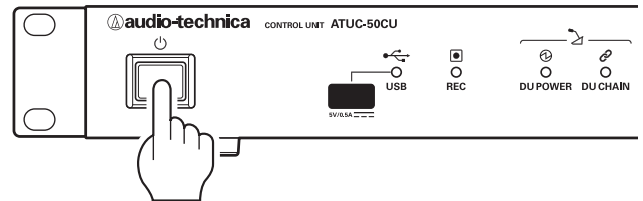
3. Check that the DUs are correctly connected to the CU.



4. While the power of the CU is off, connect the USB memory device to which you saved the firmware.



5. Turn on the power of the CU.



6. Select "50DU", and then press the ENTER button.

```
FW Update mode
>50DU :VerUP Device
```

7. Check the post-update firmware version, and then press the ENTER button.

```
Update to 01.XX.XX
Push ENTER
```

Firmware version

8. The firmware update begins.

- This updates all of the connected DUs. When the update is complete, the number of devices is displayed.
- Do not turn off the CU during update.

```
Updating! DU:001/003
Don't Power OFF!
```

9. Once the update has finished, turn off the power of the CU.

```
Completed!
Please Power OFF
```

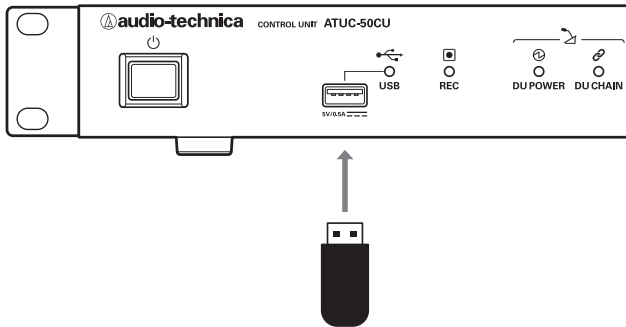
10. Remove the USB memory device.
11. Turn on the power of the CU.
12. Check the version of the DUs on Web Remote.
 - Check that the firmware version after updating is the latest.
13. Delete the firmware that you saved to the USB memory device.

Updating the CU

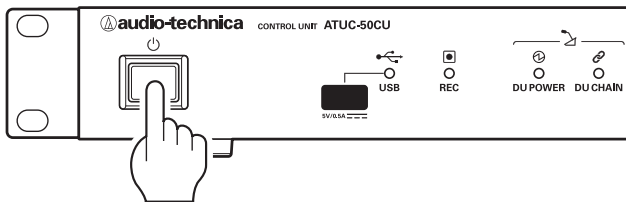
1. Download the latest firmware from our website and decompress the compressed file.
2. Copy the decompressed firmware to the root directory of your USB memory device (FAT16/32).

File name of the firmware
CU: ATUC50FWV2.BIN

3. While the power of the CU is off, connect the USB memory device to which you saved the firmware.



4. Turn on the power of the CU.



5. Select "50CU", and then press the ENTER button.

```
FW Update mode
>50CU :VerUP Device
```

6. Check the current firmware version while it appears for about two seconds.

```
50CU Current FW Ver.
01.XX.XX
```

7. Select "OK", and then press the ENTER button.

```
50CU Version UP
▶OK◀ CANCEL
```

8. After checking the post-update firmware version, press the ENTER button.

Current firmware version Firmware version after updating

```
01.XX.XX >> 01.XX.XX
Push ENTER
```

9. The firmware update begins.

- Do not turn off the CU during update.

```
Now Updating 50CU
Don't Power OFF!
```

10. Once the update has finished, turn off the power of the CU.

```
Completed!
Please Power OFF
```

11. Remove the USB memory device.
12. Turn on the power of the CU.
13. Select "Set" → "Administrator" → "[2] System Info" → "03 FW Version".
 - Check that the firmware version after updating is the latest.
14. Delete the firmware that you saved to the USB memory device.

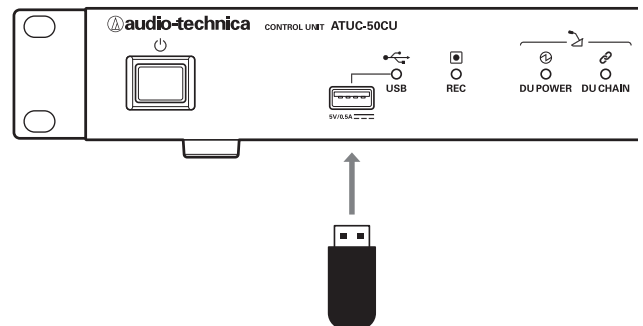
- Due to additional firmware functions and improvement details, Web Remote may possibly display and function incorrectly after updating. If this occurs, delete your history and cache on your web browser. Web Remote will work properly.

Force Updates

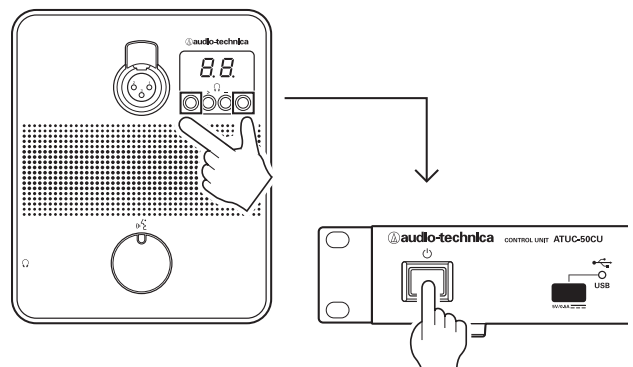
If some interference occurs, such as a power outage, while the firmware is updating and causes the update to not finish correctly, the CU or DUs may not operate normally. If this happens, you can normally recover the CU or DUs by doing a force firmware update, as explained below.

Force Updates for the DUs

1. Check that the DUs are correctly connected to the CU.
2. While the power of the CU is off, connect the USB memory device to which you saved the firmware.



3. While pushing the outer two selection buttons of the DUs to which you want to do a force update, turn on the power of the CU.



4. Select "50DU", and then press the ENTER button.

```
FW Update mode
>50DU :VerUP Device
```

- After checking the post-update firmware version, press ENTER.

Update to 01.XX.XX — Firmware version
Push ENTER

- The force firmware update begins.

- This updates all of the connected DUs. When the update is complete, the number of devices is displayed.
- Do not turn off the CU during update.

Updating! DU:01/03
Don't Power OFF!

- Once the force update has finished, turn off the power of the CU.

Completed!
Please Power OFF

- Remove the USB memory device.

- Turn on the power of the CU.

- Check the version of the DUs on Web Remote.

- Check that the firmware version after updating is the latest.

- Delete the firmware that you saved to the USB memory device.

- Once the update has finished, turn off the power of the CU.

Completed!
Please Power OFF

- Remove the USB memory device.

- Turn on the power of the CU.

- Select "Set" → "Administrator" → "[2] System Info" → "03 FW Version".

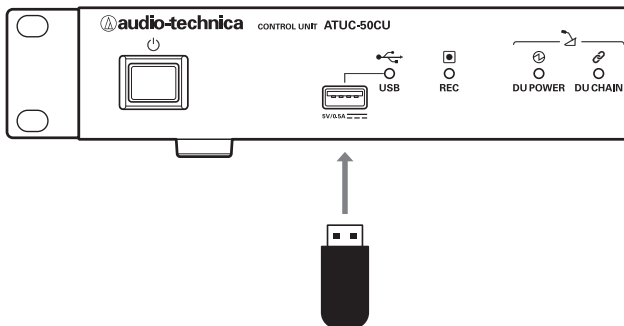
- Check that the firmware version after updating is the latest.

- Delete the firmware that you saved to the USB memory device.

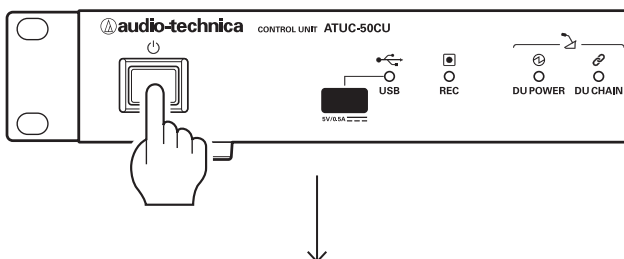
- Due to additional firmware functions and improvement details, Web Remote may possibly display and function incorrectly after updating. If this occurs, delete your history and cache on your web browser. Web Remote will work properly.

Force Updates for the CU

- While the power of the CU is off, connect the USB memory device to which you saved the firmware.



- Turn on the power of the CU.



Forcible FW Update

- The force firmware update begins.

- Do not turn off the CU during update.

Now Updating 50CU
Don't Power OFF!

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Software License Agreement of Audio-Technica Corporation

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- (1) You may transfer the Licensed Program to any other computer possessed by you; provided, however, that in such a case the Licensed Program shall be completely removed from the computer from which the Licensed Program is transferred.
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Article 5. Limitation of Liability

- (1) You shall be liable for any and all direct and indirect damages (such as loss of data, computer failure, cessation of business, and complaints from any third party) and risks arising out of the use of the Licensed Program.
- (2) Audio-Technica shall, in no event, be liable to you and any other third party for any direct, indirect, special, incidental or consequential loss or damage including but not limited to any loss of business values, suspension of business, loss or damage arising out of computer failure, or any other commercial loss or damage.

Article 6. Assignment of Licensed Program

You may assign the right to use the Licensed Program to any third party; provided, however, that in this case you shall completely delete the Licensed Program from the recording media of your computer and shall not possess any reproduction of the Licensed Program, and the assignee shall agree to any and all provisions of this Agreement.

Article 7. Cancellation and Termination of This Agreement

- (1) In the case where you violate any of the provisions of this Agreement, Audio-Technica may cancel this Agreement with immediate effect without demand.
- (2) In the case where this Agreement is canceled, you shall completely delete the Licensed Program from the recording media of your computer and destroy the reproduction of the Licensed Program.
- (3) Audio-Technica shall be exempt from any and all responsibilities for any damage etc. which you or any third party suffer because it becomes impossible to use the Licensed Program as a result of the cancellation of this Agreement.

Article 8. Governing Law and Miscellaneous Provisions

- (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.

Audio-Technica Corp.

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