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Updates

Always use the most recent firmware for this unit.
Please visit the TASCAM website (<http://tascam.com/>) to check for the latest firmware.

New functions

V1.20 additions

- The unit is now compatible with TASCAM HS Editor.
- A flash start screen has been added for the flash start function.
- An RC-HS20PD ONLINE Key RECORD setting has been added to the General tab of the REMOTE SETUP screen.

NOTE

For details, see "New function in Firmware V1.20" in the HS-2 addendum.

V1.10 additions

- The unit now supports the TASCAM RC-900 universal remote control unit.
- An ANALOG Ref LVL ADJUST page has been added to the SYSTEM SETUP screen. On this page, you can make fine adjustments to the analog input and output reference level.

NOTE

For details, see "New function in Firmware V1.10" in the HS-2 addendum.

V1.01 additions

- The unit now responds to P2 Control Vari Pitch commands, and control from video synchronizers is possible.

- The following TELNET commands are now supported.
 - MECHA STATUS SENSE
 - CURRENT TRACK (TAKE) TIME SENSE
 - IMPORT ADL

Maintenance items

V1.20 fixes

- Operation stability has been improved.

V1.10 fixes

- In playlist mode, playing back after changing the Start Point on the ADJUST screen resulted in playback errors in some cases. This has been fixed.
- In timeline mode, synchronization error marks (UNLKxx) would not be added to WAV files. This has been fixed.
- During recording, even if you turn input monitoring on for a track that was not enabled for recording, the incoming sound from the audio input connectors could not be heard. This has been fixed.
- The following RS-232C commands did not function. This has been fixed.
 - Operation Mode
 - Media Remain Sense
 - Media Format
- If you changed the following settings when the REC MODE item was set to Mirror on the REC MODE page of the REC SETUP screen, iXML data from before the change were written to WAV files on the media not currently selected (i.e. the slave media). This has been fixed.
 - Frame Type setting on the SETUP page of the SYNC T/C screen
 - Bit Length setting on the FILE FORMAT page of the REC SETUP screen
 - The letter before the take number on the NEXT TAKE NAME screen
- Operation stability has been improved.

V1.01 fixes

- The fader volume setting of a connected RC-HS20PD is now effective even when no CF card is loaded.
- The following settings are now saved in the unit itself rather than in a file.
 - Input monitoring
 - Keyboard type
 - Monitoring position (PreFader/PostFader setting on AUDIO I/O screen OUTPUT page)
- When using an external keyboard, if Caps Lock was enabled, Function key operations could not be used. This has been fixed.

- When a data reading error occurs now, the unit stops and an error message appears only after all the read audio data is output.
- The unit did not respond to drop frame flags in the timecode of time data returned via the RS-422 connector. This has been fixed.
- When the Pause Mode was set to NO SPLIT, when recording was restarted from a paused state, recording for the full duration of remaining recordable time was not possible. This has been fixed.
- When a mark was set on the Playlist Adjust screen, the mark icon would not be shown. This has been fixed.
- When copying a take, sometimes copying would not be possible because the unit mistakenly determined that the copy destination lacked sufficient space or that it contained a file with the same name. This has been fixed.
- If the playback duration registered in a playlist is longer than the actual length of the file, it will now be adjusted to the actual length.
- Setting marks in files that were not created by this unit would not always work properly. This has been fixed.
- After importing an AES31 file, the timecode frame type shown on the screen and output were different. This has been fixed.
- Even if the Frame Type item on the SETUP page of the SYNC T/C screen was changed, the value shown for the Frame Type on the project information pop-up on the project screen was not changed in some cases. This has been fixed.
- In timeline mode, when Pause Mode is set to SPLIT, after pausing recording, the position where recording restarts has now been changed so that it is the same position as when recording is restarted after recording has been stopped.
- JAM SYNC did not synchronize in some cases. This has been fixed.
- In timeline mode, if you turned Chase OFF during Chase playback, playback would restart from the beginning of the timeline. This has been changed so that now playback continues from the position where Chase was turned OFF.
- In take mode, after pausing recording, an auto mark would not be added when recording was restarted. This has been fixed.
- When the time display mode is T/C, in modes other than timeline, entering locate times greater than 24:00 is now possible.
- Since files that are 2 GB or larger can only be played back until the 2GB point, the unit no longer recognizes files that are 2 GB or larger as takes.
- On some USB keyboards, inputting the “}” character was not possible. This has been fixed.
- In playlist mode, if another entry was flash started just before the end of the last entry, the flash started entry would end suddenly and playback of the next entry would start. This has been fixed.
- In timeline mode, after setting the maximum number of marks (99) and then deleting some of these marks, new marks would all be named with the number “99”. This has been fixed.
- Touching the CURRENT button on the Playlist Adjust screen did not always load the current time. This has been fixed.
- If an error occurred when importing an AES31 file, an error warning was not always given. This has been fixed.
- In playlist mode, after setting a mark when paused, switching to the Adjust screen would cause this mark information to be lost. This has been fixed.
- Audio Over marks were sometimes placed in positions that differed from the actual points where the audio level overloaded. This has been fixed.
- The TOTAL SIZE and TOTAL TIME values shown in the session INFO pop-up message were less than the actual values in some cases. This has been fixed.
- If the TOP button was touched immediately after deleting a folder from USB flash memory on the BROWSE screen, the front panel would become unusable. This has been fixed.
- If recording occurred when the REC MODE item was set to Mirror on the REC MODE page of the REC SETUP screen, the WAV file iXML “TAKE” field value would be one greater than it should have been. This has been fixed.
- If a take were exported when a locked SD card was set as the current media, exporting would not complete. This has been fixed.
- The setting of the LINK SPEED item on the ETHERNET page of the REMOTE SETUP screen would not be backed up, and would be reset to Auto each time the unit was started. This has been fixed.
- If a card without any projects was loaded in the slot not selected as the current media, exporting of sessions and takes was not possible. This has been fixed.
- If the unit was started when a card was loaded that did not have any sessions in the current project, project settings would not be loaded. This has been fixed.
- When using SAVE AS to overwrite an existing file with an AES31/PPL file, instead of the named file, it would be saved as the currently loaded AES31/PPL file. This has been fixed.
- When the User button of the Load Preset item on the Backup/Startup page of the SYSTEM SETUP screen was used to load the User Preset data, the setting of the INPUT SOURCE item on the INPUT page of the AUDIO I/O screen would not be changed to the User Preset setting. This has been fixed.
- Operation stability has been improved.

Checking the firmware version

Before conducting a firmware update, check the firmware version currently installed in your HS-2.

- 1 Turn the unit power ON.
- 2 Press the MENU key on the front panel to open the MENU screen.
- 3 Press the VERSION INFO button.
Check the SYSTEM VERSION here. If this firmware version is the same as or newer than the version that you intend to use for updating, there is no need to update the unit.

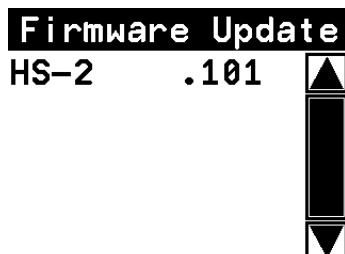
Firmware update procedures

- 1 Download the latest version of the firmware from the TASCAM website (<http://tascam.com/>).
- 2 Use a computer to copy the downloaded firmware to the root folder of an SD card or CF card to prepare a card to conduct the update.
- 3 Confirm that the copying has completed successfully and follow the correct procedures to remove the SD/CF card from the computer.
- 4 Insert the card that you prepared for the update into the SD/CF card slot on the front panel of the unit.
- 5 On the Home Screen, touch the recording media (remaining time) button to open the MEDIA SELECT screen, and select the card that you inserted as the current media.

NOTE

The card must be in the slot selected as the current media. Updating is not possible if it is in any other slot.

- 6 Turn the unit's power off once. Then, restart the unit while pressing and holding both the PAUSE and REC keys. The unit will start in update mode and the screen will show the updater file(s).



NOTE

If the above screen does not appear, turn the power off once, and then turn the power on again while pressing and holding the PAUSE and REC keys. Keep pressing the PAUSE and REC keys firmly until the above screen appears

TIPS

- The screen above shows a list of firmware update files in the root folder of the currently selected media in the unit. The firmware copied in step 2 should appear. No Update File appears instead if there is no update file.
 - A maximum of five lines of firmware files are shown. If the number of files exceeds this maximum, use the scrollbar with the up and down arrow buttons that appears on the right side of the screen or the DATA dial to scroll through the list.
- 7 Touch the name of the firmware file that you want to use to update. The following screen appears.

Firmware Update

HS-2.101

1.00 -> 1.01

build 0100 build 0185

Are you sure ?

NO

YES

The left side shows the number of the current version, and the right side shows the number of the update version.

NOTE

The screen above is just an example. The actual display will be different.

- 8 Touch the YES button to start the update.

CAUTION

Do not turn the power off while updating.

- 9 After updating completes, Complete and PLEASE POWER OFF appear at the bottom of the screen. Turn the power off once and then restart the unit.
- 10 See "Confirming the firmware version" above and confirm that the SYSTEM VERSION (firmware version) is the newest one. This completes updating the unit.