
Contents

Updates.....	1
How to obtain the RS-232C protocol specifications.....	1
Maintenance items.....	1
Drive firmware T.0D fix.....	1
V1.18 fix.....	1
V1.17 fixes.....	1
V1.16 fix.....	1
V1.15 fixes.....	1
V1.14 fixes.....	2
V1.13 fix.....	2
V1.12 fix.....	2
V1.11 fixes	2
V1.10 fixes	2
Confirmation of firmware version	3
Firmware update procedures	3
Checking the drive firmware version	4
Drive firmware update procedures.....	4

Updates

Always use the most recent firmware for this device. Please visit the TEAC Global Site (<http://teac-global.com/>) to check for the latest firmware.

How to obtain the RS-232C protocol specifications

The RS-232C protocol specifications can be downloaded from the product information DOWNLOADS page of the TEAC Global Site (<http://teac-global.com/>).

Maintenance items

Drive firmware T.0D fix

- With drive firmware “T.0C”, some CDs took a long time to load. The drive firmware has been updated to “T.0D” to resolve this issue. Before updating the drive firmware to “T.0D”, update the unit firmware to “V1.18”. If the unit firmware is already “V1.18”, there is no need to update the unit firmware.

NOTE

If the drive firmware is not “1.0A” or “T.0C”, there is no need to update the unit firmware to “V1.18”.

CAUTION

If the drive firmware is “1.0A” or “T.0C”, update the unit firmware to “V1.18” before updating the drive firmware to “T.0D”.

V1.18 fix

- With drive firmware “1.0A”, some CDs could not be played back. The drive firmware has been updated to “T.0C” to resolve this issue. Before updating the drive firmware to “T.0C”, update the unit firmware to “V1.18”.

NOTE

If the drive firmware is not “1.0A”, there is no need to update the unit firmware to “V1.18”.

CAUTION

If the drive firmware is “1.0A”, update the unit firmware to “V1.18” before updating the drive firmware to “T.0C”.

V1.17 fixes

- Some MP3 files could not be played back. This has been fixed.
- Some data CDs created using the Mac OS could not be played back. This has been fixed.
- Operation stability has been improved.

V1.16 fix

- Some audio CDs (CD-DA format) could not be played back. This has been fixed.

V1.15 fixes

- With a CD-DA that did not have ISRC* data, after repeated track skipping and searching forward and backward, an unusual amount of time would sometimes be required before playback. This has been fixed.

*The International Standard Recording Code (ISRC) is used to identify recordings (sound recordings and

music video recordings).

- If using a CD-DA that did not start from track number 1, designating tracks using the main unit or remote control number buttons was not possible sometimes. This has been fixed.

V1.14 fixes

- If you pressed the **CALL** button during single playback mode, the unit would exit single playback mode. This has been fixed.
- When using media with MP3 or WAV files, the number of files would not be shown correctly or the playback order would be wrong in some cases. This has been fixed.
- When program playback and repeat modes were both active, pressing the **PAUSE** button when stopped to pause playback and then starting playback would cause playback to start from the last track in the program. This has been fixed.
- When searching by index, a long time would pass before searching would complete in some cases. This has been fixed.

V1.13 fix

Program settings were lost when a disc was ejected. This has been fixed.

V1.12 fix

In response to the RS-232C MECHA STATUS SENSE (0x50) command, the unit would always output preparing for disc ejection (0x01) even when stopped, playing back or ready for playback. This has been fixed.

V1.11 fixes

- When the fade out time was set, it did not function properly when the **II (pause) [JOG]** button on the unit or the **II PAUSE** button on the remote control was pushed. This has been fixed.
- If the resume and power on play functions were ON, the resume function did not work when the power was turned ON. This has been fixed.
- When playing back tracks with the flash start function, playback could become unstable depending on the condition of the audio CD. This has been fixed.

V1.10 fixes

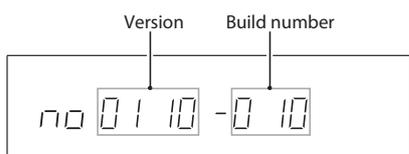
- The precision of playback time display has been improved for MP3/WAV files (32/48 kHz).
- If you pressed the **CALL** button in program mode to start playback from a paused state, playback started from the first track in the saved program. This has been changed so that now playback starts from the pause point.

- Pressing the **SKIP** **⏮** button when stopped in program mode started playback from the first track in the saved program. This has been changed so that now playback starts from the final track in the saved program.

Confirmation of firmware version

Confirm the firmware version of your CD-500/500B before conducting a firmware update.

- 1 Turn the unit's power ON.
- 2 Enter menu mode, and select the `Z1 INFO` menu item. For details, see the "Menu operation basics" section of the "4 - Menu" chapter in the CD-500/500B Owner's Manual.
- 3 Press the **PITCH [MENU]** knob on the main unit or the **ENTER** button on the remote control to show the system firmware version on the display.



If the firmware version shown here is the same or newer than the firmware version that you planned to update to, then there is no need to update it.

Firmware update procedures

Prepare a completely blank CD-R or CD-RW and a computer that can create a data CD.

CAUTION

Be very careful not to cut the power to the unit during firmware updating. If the power should be interrupted during firmware updating, the unit could become unstartable or otherwise damaged.

1 Download the file

Download the latest firmware from the TEAC Global Site (<http://teac-global.com/>). Uncompress the downloaded file if it is in a ZIP format or otherwise compressed.

2 Create a data CD for updating the unit

Write the downloaded firmware files to the disc. (V1.18, for example, uses 8 firmware files: C5B00118.upd, C5C00118.upd, C5D00118.upd, C5M00118.upd, C5R00118.upd, C5R10118.upd, C5S00118.upd, C5S10118.upd) Use ISO 9660 Level 1 (MS-DOS-compatible) Disc At Once format to write the CD-R or CD-RW.

3 Update the firmware

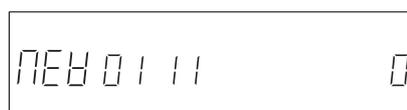
- 1) Turn the unit's power on.
- 2) Confirm that `no disc` appears on the display. While pressing and holding both the **SEARCH ◀** [A.CUE] and **SEARCH ▶** [A.READY] buttons on the unit, press the **EJECT** button.
- 3) Confirm that `UPDATE IN` appears on the display, and insert the update data CD.



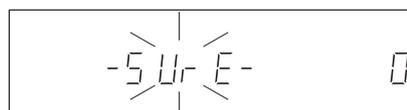
- 4) Press the unit's **PITCH [MENU]** knob once to show `OLD XXXX` (current version) on the display. Press it again repeatedly to show `NEW XXXX` (update version), followed by `SURE` and then `UPDATE` to start updating.



Current version



Update version



Update confirmation



Updating in progress

- 5) After updating completes, `COMPLETE` appears on the display.



- 6) Press the **EJECT** button to eject the update data CD, and then turn the power off.

4 Confirmation of firmware version

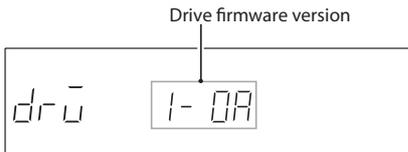
Follow the "Confirmation of firmware version" instructions above to check that the system firmware version is now the most recent version of the firmware.

This completes the procedure for updating this unit.

Checking the drive firmware version

Before conducting a drive firmware update, check the drive firmware version of your CD-500/500B.

- 1 Turn the unit's power ON.
- 2 After confirming that no disc appears on the display, while pressing and holding the 9 and SHIFT buttons on the main unit, press the PITCH [MENU] knob to show the drive firmware version on the display.



If the drive firmware shown here is not "1.0A" or "T.0C", there is no need to update it.

Drive firmware update procedures

Prepare a completely blank CD-R or CD-RW and a computer that can create a data CD.

CAUTION

Be very careful not to cut the power to the unit during firmware updating. If the power should be interrupted during firmware updating, the unit could become unstartable or otherwise damaged.

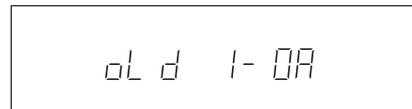
- 1 **Download the file**
Download the latest firmware from the TEAC Global Site (<http://teac-global.com/>). Uncompress the downloaded file if it is in a ZIP format or otherwise compressed.
- 2 **Create a data CD for updating the drive**
Write the downloaded firmware to a disc. Write a CD-R or CD-RW disc using ISO 9660 Level 1 (MS-DOS compatible) Disc at Once format.
- 3 **Update the firmware**
 - 1) Turn the unit's power on.
 - 2) After confirming that "no disc" appears on the display, while pressing and holding both the STOP and CALL buttons, press the EJECT button.
If the drive is subject to update, "DRV UPDATE" will appear on the display.



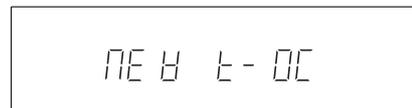
NOTE

If the drive is not subject to update, "DRV UPDATE" will not appear on the display. In this case, the following update procedures are not necessary.

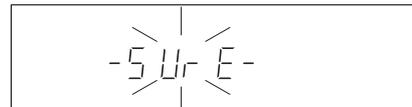
- 3) After confirming that DRV UPDATE appears on the display, insert the drive firmware update data CD.
After the data has completed loading, the disc will be ejected. Remove the disc when this occurs.
- 4) Press the main unit **PITCH [MENU]** knob repeatedly to view, in order, OLD XXXX (current version), NEW XXXX (update version) SURE (confirming you want to update) and UPDATE (updating starts).



Current drive firmware version



Update drive firmware version



Update confirmation



Updating in progress

The update takes about 40 seconds to complete.

- 5) When the update completes and "COMPLETE" appears on the display, turn the unit off.



4. Confirm the drive firmware version

Referring to "Checking the drive firmware version", confirm that the drive firmware version is now the latest one.

This completes the drive update.