

DAC2 D

Software Version 2.3 Manual Addendum

Version 2.3 Software for DAC2 D

Version 2.3 is designed to make your DAC2 D easier to use. It is more responsive to user commands and it is more compatible with automation systems and with the Benchmark LA4 and HPA4 line amplifiers.

New Features in Version 2.3:

- Added a new 'COMPATIBILITY' mode to provide improved compatibility with LA4 and HPA4 line amplifiers. This feature sets the volume control to maximum on all inputs (HT light on, same level as HT mode). It also disables the MUTE and DIM. The remote control VOLUME and INPUT UP/DOWN keys will be ignored in this mode.
- Volume control is more responsive when moved slowly.
- EEPROM setting storage is now fully redundant to prevent data loss and data corruption.
- Eliminated STANDBY mode (confusing feature which caused difficulties with automation systems).
- One press to turn on or off (simplifies remote control and automation).
- Added AUTO_ON function to allow compatibility with switched AC.
- Added automatic storage of last non-dimmed volume setting, recalled upon power up.
- Set DIM at 20 dB less than last non-dimmed volume setting.
- Improved gain tracking between analog and digital inputs.
- Max gain in all digital modes is now equal.
- Unit will not enter DIM in response to a rotation of the volume control.
- Unit will exit DIM if DIM volume is raised above last non-dimmed volume setting.
- Servo does not make fine adjustments when digital inputs are active (this makes servo action quicker and quieter).
- Added second volume control look up table. By default, software is designed to be used with the 2016 DAC2 boards which are calibrated to +24 dBu at 0 dBFS. By adding a jumper to P1 on the control board, the software can be used with pre-2016 boards which are calibrated to +23 dBu at 0 dBFS. When properly configured, analog and digital sources should be reproduced at the same level (assuming the RCA input is 2 VRMS at 0 dBFS). The 2016 boards will produce 2 VRMS at 0 dBFS. Pre 2016 boards were 1 dB lower.
- DIM state is stored in memory. Recalled upon power up.
- In AUTO_ON mode, DIM and MUTE are disabled on power up.

Instructions for COMPATIBILITY Mode:

Simultaneously press the MUTE and INPUT_UP keys and hold for 3 seconds. This will toggle the COMPATIBILITY mode on or off. When the COMPATIBILITY mode is on, the HT light will be on for all inputs and the MUTE button will be deactivated. The volume control knob will move to the HT position.

The COMPATIBILITY mode disables the following keys on the REMOTE CONTROL:

- VOLUME UP
- VOLUME DOWN
- INPUT UP
- INPUT DOWN
- MUTE
- DIM

Instructions for AUTO_ON:

Starting with the unit off, press and hold POWER button for 3 seconds to activate AUTO_ON mode. Starting with the unit on, press and hold POWER button for 3 seconds to deactivate AUTO_ON mode. The unit will power down if AUTO_ON is successfully canceled. When AUTO_ON mode is active, any attempt to turn the unit off will MUTE the audio. The front-panel POWER button will toggle MUTE on and off when AUTO_ON is active.

Technical Support:

CALL TOLL FREE: 1 (800) 262-4675

(M-F, 9AM - 5 PM, New York)

We are here to help! Please don't hesitate to call.

ADDITIONAL TELEPHONE NUMBERS:

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