



JBL PD6000 SERIES README FILE

INTRODUCTION

JBL PD6000 Series presets are designed to provide optimum system performance for the PD6000 Series loudspeakers when used with Crown I-Tech HD, I-Tech 4x3500HD and DriveCore Install Network Series (DCiN) amplifiers.

Disclaimer: PD6000 limiter settings are intended to provide a starting point for optimum system performance while ensuring reliable system protection. The end user is, however, ultimately responsible for system operation in the field and standard warranty conditions apply in the event of component damage.

PROGRAMMING GUIDELINES

Before downloading the PD6000 device and speaker tuning files, please check for the latest version of HiQnet Audio Architect Software on <http://hiqnet.harmanpro.com/downloads.php>

After downloading and installing Audio Architect software, JBL PD6000 device files are located in the following directory:

\\My Documents\Harman Pro\JBLDeviceFilesAndPreset-AA1.XX\InstalledSound\PD6000 Series

INSTALLING DSP INTO I-Tech HD and I-Tech 4x3500HD DEVICES

To load presets into your I-Tech HD amplifier, it is possible to copy the device file onto a USB key and manually load the entire device file or individual presets from the front panel of the unit. Please see your Crown I-Tech HD manual for complete details.

Presets can also be downloaded using Audio Architect or by establishing network connectivity then performing the following steps:

Audio Architect:

- 1) Wait for Audio Architect to discover the devices (as indicated in Venue Explorer to the left of the venue):
 - a. If auto-populate is enabled, wait for the venue to populate with the discovered devices
 - b. If auto-populate is not enabled, drag and drop the discovered devices into the venue from the Venue Explorer
- 2) Double-click the I-Tech HD power amplifier to be programmed
- 3) On the amplifier menu bar, select: File / Open / Device File
- 4) Navigate to the 'PD6000 Series' device file folder
- 5) Select the device file suitable for your application:
- 6) 'Name Change' panel opens: If you wish to update the amplifier name, select 'Replace'
- 7) Go online by selecting 'Go Online' on the top ribbon under 'Offline Design'. (Note: if you are already online, the device file will load automatically)
- 8) Select 'S' (send) for the relevant amplifier to send DSP setting to the device.

For detailed information on loading/opening PD6000 device files see the Audio Architect Help files.



PRESET RECALL INSTRUCTIONS

- 1) Double-click the desired I-Tech HD amplifier
- 2) Select 'Recall' on the top of the amplifier panel
- 3) Select the desired preset for your application and press 'OK'
- 4) The desired preset will load within a few seconds

Manually via the front panel for I-Tech HD

- 1) Press the 'Menu/Exit'
- 2) Press 'Next' two times to navigate to the 'Preset' menu
- 3) Use the rotary knob next to the display panel to scroll through the presets until the desired preset is highlighted.
- 4) Press the rotary knob to select. A prompt 'Confirm Load (Press & Hold)' will appear. (Note: this will change to 'change cancelled' after approximately 3 seconds)
- 5) Press and hold the rotary knob for 1-2 seconds, until 'Loading Preset...' is displayed
- 6) 'Preset Loaded' message appears for several seconds, after which the current preset name will be displayed
- 7) Press 'Menu / Exit' to navigate back to the main menu

Manually via the front panel for I-Tech 4x3500HD

- 1) Press 'Menu/Exit'
- 2) Highlight '1. Presets' by either using the rotary knob to the left of the screen or the arrows on the screen.
- 3) To select, either press the rotary knob to touch '1. Presets' on the screen
- 4) Touch 'Recall' on the screen
- 5) Scroll through the presets until the desired preset is highlighted in the middle of the screen by either turning the rotary knob, pressing 'Prev' and 'Next' buttons to the right of the screen or touching and dragging the presets on the screen
- 6) To select, either press the rotary knob or touch the desired preset on the screen
- 7) A prompt will display: 'Do you want to recall Preset <Number>:<Preset Name>?'. To select, press either the rotary knob, the 'Menu / Exit' button or the green checkbox symbol to the bottom left of the screen
- 8) Once the preset is loaded, the active preset name will display
- 9) Press 'Menu / Exit' twice to navigate back to the main display

For detailed information on recalling and storing presets, see the Audio Architect Help files.



INSTALLING DSP INTO DCiN DEVICES

DCiN amplifiers utilize 'Speaker Tuning' Libraries. This allows for superior flexibility in programming the DCiN amplifier with regard to channel assignments. Each preset represents a single DSP channel and can be loaded onto any DCiN amplifier channel.

It is recommended that DCiN series amplifiers are set to 28dB amplifier gain. This can be set via the following steps:

- 1) Wait for Audio Architect to discover the devices (as indicated in Venue Explorer to the left of the venue):
 - a. If auto-populate is enabled, wait for the venue to populate with the discovered devices
 - b. If auto-populate is not enabled, drag and drop the discovered devices into the venue from the Venue Explorer
- 2) Double-click the DCiN power amplifier to be programmed
- 3) Double-click CH1 Input block
- 4) Double-click 'Input Configuration'
- 5) Under 'Analog Inputs' and 'Gain Mode' select 28dB

To load DSP data into DCiN amplifier channels:

- 6) With the main amplifier panel open, on the top menu bar select: File / Open / Speaker Tuning
- 7) Select the Speaker Tuning library suitable for your application
- 8) On the main amplifier panel, double-click the 'SPKR' panel
- 9) Select 'Recall'
- 10) Under 'Preset' highlight and select the desired preset for the selected amplifier channel and select 'OK'. The selected DSP is now loaded onto that amplifier channel. Repeat this for all amplifier channels as needed.
- 11) If not already online, go online by selecting 'Go Online' on the top ribbon under 'Offline Design'.
- 12) Select 'S' (send) to send DSP setting to the device. (Note: presets can be loaded in both 'Online' and 'Offline' mode)

PRESET STORE AND RECALL INSTRUCTIONS

Once each channel has been programmed with the correct 'Speaker Tuning Preset', all the channels can be stored as an overall amplifier preset. These presets can be saved as a 'Device File' which contain up to 20 discrete presets.

- 1) To store an amplifier preset, select 'Store' to the right of the preset name from the main amplifier page.
- 2) Type in the preset name and select 'Store' to store the preset.
- 3) To Recall a previously stored amplifier preset: Double-click the desired DCiN amplifier
- 4) Select 'Recall' on the top of the amplifier panel
- 5) Select the desired preset for your application and press 'OK'
- 6) The desired preset will load within a few seconds

Please refer to the appropriate PD6000 preset summary sheet to determine the correct preset to use for your configuration.