



Introducing IPD LoadLibrary

IPD Series intelligent amplifiers are delivered without any loudspeaker/system presets initially stored on-board the unit (except the default). We have created a dedicated user area for IPD Series on the Lab.gruppen website, where you can access and download our officially released IPD LoadLibrary of presets for IPD 1200 and IPD 2400 amplifiers.

Please visit www.ipdseries.com for quick access to the IPD Series user area.

The IPD LoadLibrary contains preset settings for many popular and leading loudspeaker systems. Each preset contains specific Crossover, Delay, EQ, Level, and Limiter configuration and are intended to provide you with a quick and easy route to optimizing your loudspeaker system for best results.

The IPD LoadLibrary will be updated and maintained regularly to provide optimum settings and guaranteed performance, and is subject to continual improvement and development.

What are IPD LoadLibrary Presets?

IPD LoadLibrary Presets are made using a combination of Peak, and RMS limiters which are factory optimized for the intended use and are determined by the preset chosen. It is therefore necessary to ensure you use the closest match to your intended application so that the RMS Limiter Profile relates to your speaker type (e.g. Sub, Full Range, Stage Monitor).

IPD Series presets are downloadable as a .zip file from the LoadLibrary area as described above. These presets contain various settings including 'generic start up files' to get you started with creating your own presets, 'advanced generic settings' – for quick set up of the most common loudspeaker settings, and 'manufacturer presets' for use with specific well-known loudspeaker models.

How to use IPD LoadLibrary Presets?

Utilizing IntelliDrive Controller software, the methods for importing presets that have been downloaded from the website and stored on a local PC are listed below. Please also refer to the Quick Start Guide / User Manual which can be found on the website in the IPD Series user area at www.ipdseries.com.

Computer Store/Recall: Single Preset

This is the easiest way to recall a single preset and should be used if you need to keep presets already stored on the device. It allows you to choose a desired target slot to store the newly loaded preset. To do this:

1. Enter the *Mixer View* of the device you wish to store the presets within
2. Press the [Recall From Computer] button situated at the top right of the screen
3. A file browser window will open – navigate to the location where the unzipped preset file is stored – these will have the file extension *.icpreset*
4. Select the required file and press the open button
5. The preset is now loaded into the operating IPD device
6. To store the preset in the device, choose which slot is required (2-100) from the dropdown list
7. Press the [Store on Device] button
8. The preset is now stored on the device

Hardware - Restore Presets

This method imports and stores presets from a directory on the computer into the slots as specified by the prefixed number e.g. 02_ will be stored into the unit in slot 2.

WARNING

Ensure any presets you wish to keep, are first stored on a computer before using this method as it will overwrite all settings in the relevant preset slots on the device.

1. Enter the *Mixer View* of the device you wish to store the presets on
2. Click on *Hardware* in the Menu Bar (at the top of IntelliDrive Controller Window)
3. Click *Restore Presets*
4. Select the folder containing the presets
5. Click *OK* – the presets will now be loaded into the device overwriting any other presets already stored in that range (e.g. 7 presets with prefix numbers 1-7 will overwrite 7 presets 1-7 in the unit)
6. Recall the preset required from the device memory via software (recall from device) or from the Hardware front panel MENU > PRESETS > LOAD > select desired preset > Load no/YES



Generic Speaker Presets

The folder containing these presets are named “*generic speaker presets*” and contain the following preset files for loading individually via Computer Store/Recall method or as a complete set using the Hardware - Restore Presets method.

All settings are unlocked and editable and are designed as a starting point for creating your own settings. Pick the closest settings to your needs for quick setup and limiter performance.

WARNING

You should check limiter settings match the intended loudspeaker ratings.

For example, a loudspeaker nominally rated at 300 W RMS @8 Ohm should be entered into the Speaker Protect Limiter calculator (on IntelliDrive Controller) as $W = 300$, $\text{Ohms} = 8$ – this will give a Vpk rating of 69 V. The same will be true for a 600 W into 4 Ohm speaker = 69 V.

- **DEFAULT PRESET**

This is the IPD default ship setting – It cannot be overwritten and is stored in preset slot 1

- **02_ST FLAT**

FOR USE WITH STEREO SPEAKER SYSTEM

Stereo Preset – 2 channel input (Analog/AES 1 = Output 1, Analog/AES 2 = Output 2)

All level settings at Nominal,

No EQ except an HF shelf @ 20 kHz to ensure linear HF output

- **03_ST FR FOH**

FOR USE WITH STEREO FULL RANGE SPEAKERS

Stereo Preset – 2 channel input (Analog/AES 1 = Output 1, Analog/AES 2 = Output 2)

All level settings at Nominal,

No EQ except an HF shelf @ 20 kHz to ensure linear HF output

Crossover both channels LPF = BW18 @ 30 Hz

- **04_ST SUB 80 Hz**

FOR USE WITH SUBWOOFERS

Stereo Preset – 2 channel input (Analog/AES 1 = Output 1, Analog/AES 2 = Output 2)

Levels +4 dB Sub

EQ Boost for Sub

HF shelf @ 20 kHz to ensure linear HF output

Crossover Sub HPF = BW18 @ 30 Hz and LPF = LR24 @ 80 Hz

- **05_SUB TOP 80 Hz**

FOR USE WITH SUBWOOFER AND PASSIVE TOP SPEAKER

A Two-Way preset – Single Input (Analog/AES 1 > Output 1 = Sub, Output 2 = Top)

Levels +4 dB Sub, 0 dB Top,

EQ Boost for Sub

HF shelf @ 20 kHz to ensure linear HF output

Crossover Sub HPF = BW18 @ 30 Hz and LPF = LR24 @ 80 Hz

Crossover Top HPF = LR24 @ 80 Hz

- **06_MON 2W**

FOR USE WITH A 2-WAY STAGE MONITOR / FOLDBACK SPEAKER

A Two-Way preset – Single Input (Analog/AES 1 > Output 1 = Sub, Output 2 = Top)

Levels +6 dB LOW Driver, -6 dB HIGH Driver

Custom EQ for maximizing clarity and gain before feedback

HF shelf @ 20 kHz to ensure linear HF output

Crossover LOW HPF = LR24 @ 50 Hz and LPF = LR24 @ 980 Hz

Crossover HIGH HPF = LR24 @ 980 Hz

- **07_FOH 2W**

FOR USE WITH A 2 WAY FRONT OF HOUSE / PA LOUDSPEAKER

A Two-Way preset – Single Input (Analog/AES 1 > Output 1 = Sub, Output 2 = Top)

Levels +6 dB LOW Driver, -6 dB HIGH Driver

Custom EQ for maximizing clarity and gain before feedback

HF shelf @ 20 kHz to ensure linear HF output

Crossover LOW HPF = LR24 @ 50 Hz and LPF = LR24 @ 980 Hz

Crossover HIGH HPF = LR24 @ 980 Hz

- **08_70V system**

FOR USE AS PART OF A 70V LINE (CONSTANT VOLTAGE) SYSTEM

This is for use in a 70 V RMS (100 Vpk) line system

IPD2400 only!



Advanced Speaker Presets Templates

The folder containing these presets are named "advanced speaker preset templates" and contain the following preset files for loading individually via Computer Store/Recall method or as a complete set using the Hardware - Restore Presets method.

These presets are designed as a base starting point for you to add your settings for the intended loudspeaker and to customize the filters and power output as required.

(Watt ratings are at 8 ohms)

Full Range Settings

Stereo Preset – 2 channel input - Analog/AES 1 = Output 1 , Analog/AES 2 = Output 2

- **02_FR30 200 W** - Full Range with High Pass Filter (HPF) of 30 Hz – output 200 W @ 8 Ohms
- **03_FR30 400 W** - Full Range with High Pass Filter (HPF) of 30 Hz – output 400 W @ 8 Ohms
- **04_FR30 600 W** - Full Range with High Pass Filter (HPF) of 30 Hz – output 600 W @ 8 Ohms
- **05_FR50 200 W** - Full Range with High Pass Filter (HPF) of 50 Hz – output 200 W @ 8 Ohms
- **06_FR50 400 W** - Full Range with High Pass Filter (HPF) of 50 Hz – output 400 W @ 8 Ohms
- **07_FR50 600 W** - Full Range with High Pass Filter (HPF) of 50 Hz – output 600 W @ 8 Ohms
- **08_FR80 200 W** - Full Range with High Pass Filter (HPF) of 80 Hz – output 200 W @ 8 Ohms
- **09_FR80 400 W** - Full Range with High Pass Filter (HPF) of 80 Hz – output 400 W @ 8 Ohms
- **10_FR80 600 W** - Full Range with High Pass Filter (HPF) of 80 Hz – output 600 W @ 8 Ohms
- **11_FR100 200 W** - Full Range with High Pass Filter (HPF) of 100 Hz – output 200 W @ 8 Ohms
- **12_FR100 400 W** - Full Range with High Pass Filter (HPF) of 100 Hz – output 400 W @ 8 Ohms
- **13_FR100 600 W** - Full Range with High Pass Filter (HPF) of 100 Hz – output 600 W @ 8 Ohms
- **14_FR120 200 W** - Full Range with High Pass Filter (HPF) of 120 Hz – output 200 W @ 8 Ohms
- **15_FR120 400 W** - Full Range with High Pass Filter (HPF) of 120 Hz – output 400 W @ 8 Ohms
- **16_FR120 600 W** - Full Range with High Pass Filter (HPF) of 120 Hz – output 600 W @ 8 Ohms

Subwoofer Settings

Stereo Preset – 2 channel input - Analog/AES 1 = Output 1 (SUB), Analog/AES 2 = Output 2 (SUB)

- **17_SUB80 200 W** - Subwoofer with Low Pass Filter (LPF) of 80 Hz – output 200 W @ 8 Ohms
- **18_SUB80 400 W** - Subwoofer with Low Pass Filter (LPF) of 80 Hz – output 200 W @ 8 Ohms
- **19_SUB80 600 W** - Subwoofer with Low Pass Filter (LPF) of 80 Hz – output 200 W @ 8 Ohms
- **20_SUB100 200 W** - Subwoofer with Low Pass Filter (LPF) of 100 Hz – output 200 W @ 8 Ohms
- **21_SUB100 400 W** - Subwoofer with Low Pass Filter (LPF) of 100 Hz – output 200 W @ 8 Ohms
- **22_SUB100 600 W** - Subwoofer with Low Pass Filter (LPF) of 100 Hz – output 200 W @ 8 Ohms
- **23_SUB120 200 W** - Subwoofer with Low Pass Filter (LPF) of 120 Hz – output 200 W @ 8 Ohms
- **24_SUB120 400 W** - Subwoofer with Low Pass Filter (LPF) of 120 Hz – output 200 W @ 8 Ohms
- **25_SUB120 600 W** - Subwoofer with Low Pass Filter (LPF) of 120 Hz – output 200 W @ 8 Ohms

Monitor / Foldback Settings

= Two Way Presets - Single Channel input – Analog/AES 1 > Output1 = LOW & Output 2 = HIGH

Optimised RMS Limiter Profiles and Customized EQ settings for maximizing clarity and gain before feedback

- **26_MON2W 400 W 50 W** - Two Way Monitor - Output LF 400 W / HF 50 W @ 8 Ohms
- **27_MON2W 400 W 75 W** - Two Way Monitor - Output LF 400 W / HF 75 W @ 8 Ohms
- **28_MON2W 400 W 100 W** - Two Way Monitor - Output LF 400 W / HF 100 W @ 8 Ohms
- **29_MON2W 400 W 150 W** - Two Way Monitor - Output LF 400 W / HF 150 W @ 8 Ohms
- **30_MON2W 400 W 200 W** - Two Way Monitor - Output LF 400 W / HF 200 W @ 8 Ohms
- **31_MON2W 600 W 100 W** - Two Way Monitor - Output LF 600 W / HF 100 W @ 8 Ohms
- **32_MON2W 600 W 200 W** - Two Way Monitor - Output LF 600 W / HF 200 W @ 8 Ohms
- **33_MON2W 600 W 300 W** - Two Way Monitor - Output LF 600 W / HF 300 W @ 8 Ohms

Should you require further help or information please look at our FAQ section or contact Lab.gruppen Support via <http://support.labgruppen.com/home>

