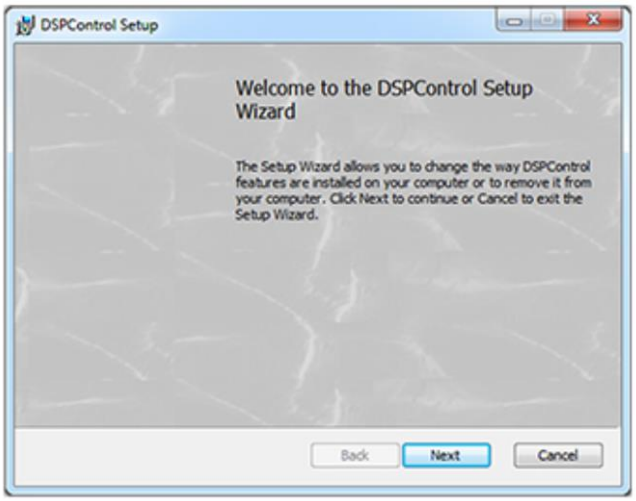
DSP. *ProDGnet*

Remote processing, control and management are carried out through ***ProDGnet*** software.

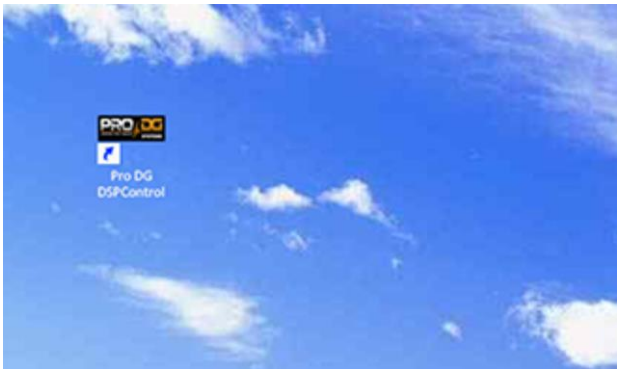
ProDGnet software allows an instantaneous and intuitive view of the status of all systems, as well as absolute control of the different parameters individually (unit by unit).

To operate the Control Software on your PC, the first step before starting the installation process is to choose the version appropriate for your PC's operating system. For more information, please contact our technical support department at: sat@prodgsystems.com

Once the appropriate version has been obtained and the installation process for it is initiated, the following menu will appear:



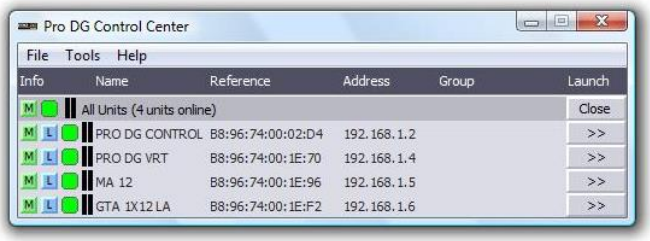
Once the installation process is complete, a shortcut to the Control Software will be created on your desktop:



Before launching the Control Software, do not forget to connect the sound system via Ethernet.

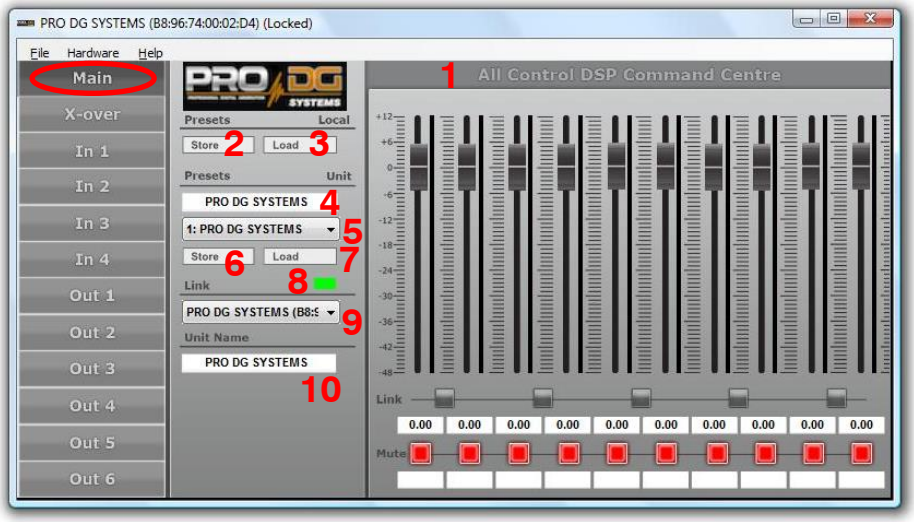


Upon starting the program, the following menu will be displayed:



Click the button >> for the unit you wish to work with.

After selecting the unit you wish to work with, the following main menu will appear:



In this menu, you can adjust the Input and Output Gain (1). The "Store" section (2) is used to save presets to your PC, while "Load" (3) allows you to load presets from your PC to the unit. "Preset Name" (4) is used to assign a name to a preset. The pop-up window (5) displays all the presets stored on the unit.

Further down, you will find a second "Store" option (6), which is used to save (overwrite) any changes made to the selected preset, as well as a "Load" option (7) for loading presets that have been saved to the unit.

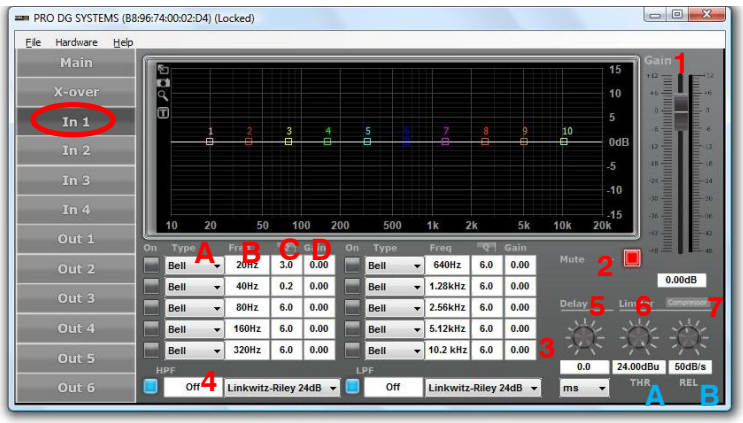
The rectangle (8) will appear red if the unit is not connected to the PC, or green when it is connected.

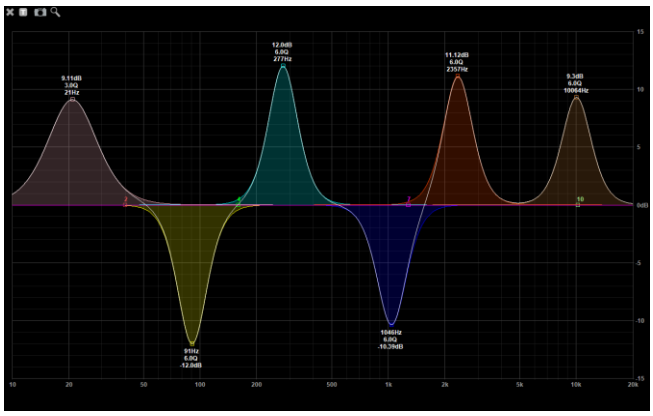
"Link" (9) indicates the version you are currently using. "Unit Name" (10) displays the name of the unit.



In the X-over submenu, you will find: “Output Level” (1) for monitoring the output level. “Link” (2) for linking outputs 1 and 2, 3 and 4, or 5 and 6; the light blue color indicates that the function is active. “Mute” (3) for muting the output; it is active when displayed in red. “Phase Invert” (4) for inverting the phase; it is active when displayed in light blue.

“Cross-Over” (5) is divided into six sections: (A) For setting the frequency. (B) For assigning the filter type and slope (dB/oct). (C) For assigning the high-frequency cutoff. (D) For selecting the filter type (Butterworth, Bessel, or Linkwitz-Riley). (E) Gain (from 0 dB to +12 dB). (F) Delay.

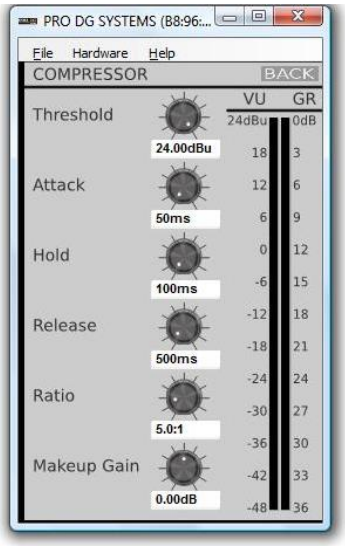




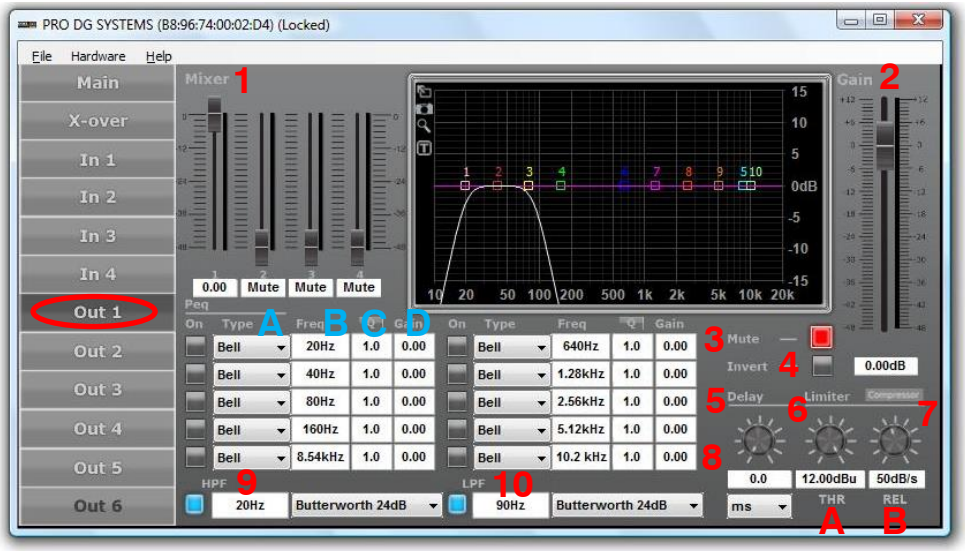
In the "In 1" (Input 1) submenu, you can manage the following: “Input Gain” (1).”Mute” (2) actived when displayed in red. “Parametric Values” (3) ten parameters categorized as follows: Filter Type (A) (Bell, Notch, All-Pass, Low-Shelf, High-Shelf, Band-Pass, High-Pass, and Low-Pass); Frequency (B); Bandwidth (C); and Gain (D).

“HPF” (4) for applying a filter to the input. “Delay” (5) configurable in meters, seconds, milliseconds, feet, inches, millimeters, or thousandths of an inch. “Limiter” (6) consisting of: “THR” (Threshold) (A), ranging from -48 dBu to 24 dBu; and “REL” (Release) (B), ranging from 10 dB/s to 100 dB/s.

Clicking on “Compressor” (7) will bring up this window:
Allows for the adjustment of various compressor settings.



The various subsections described in In 1 (Entry 1) are the same across the different entries.

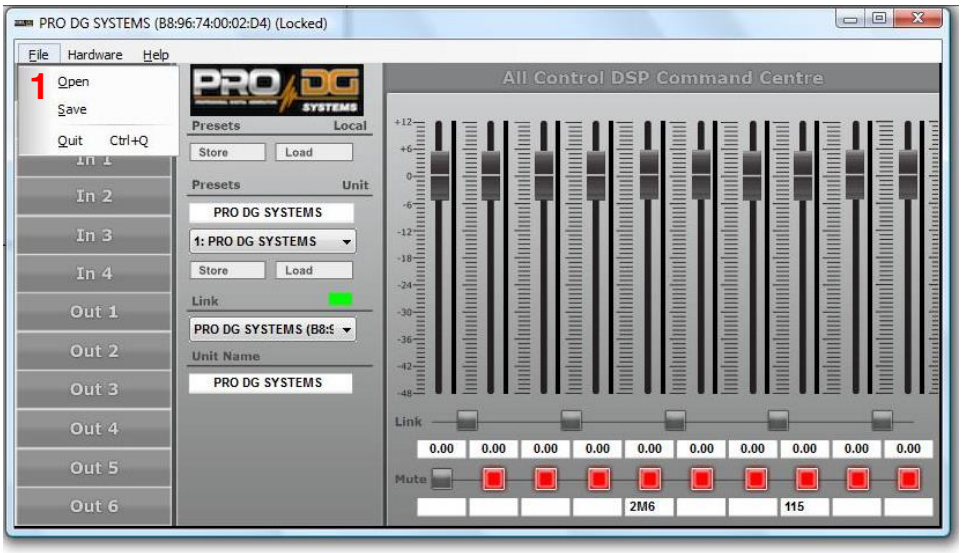


In the “Out 1” (Output 1) submenu, you can manage the following: “Mixer” (1) for input assignment; “Gain” (2); “Mute” (3), which is active when displayed in red; “Invert” (4) for phase inversion; and “Delay” (5), which can be set in meters, seconds, milliseconds, feet, inches, millimeters, or thousandths of an inch. The “Limiter” (6) consists of: THR (Threshold) (A), ranging from -48 dBu to 24 dBu; and REL (Release) (B), ranging from 10 dB/s to 100 dB/s. There is also a “Compressor” (7). “Parametric Values” (8) include ten parameters, categorized as follows: Filter Type (A) (Bell, Notch, AllPass, LowShelf, HighShelf, BandPass, HighPass, and LowPass), Frequency (B), Bandwidth (C), and Gain (D).

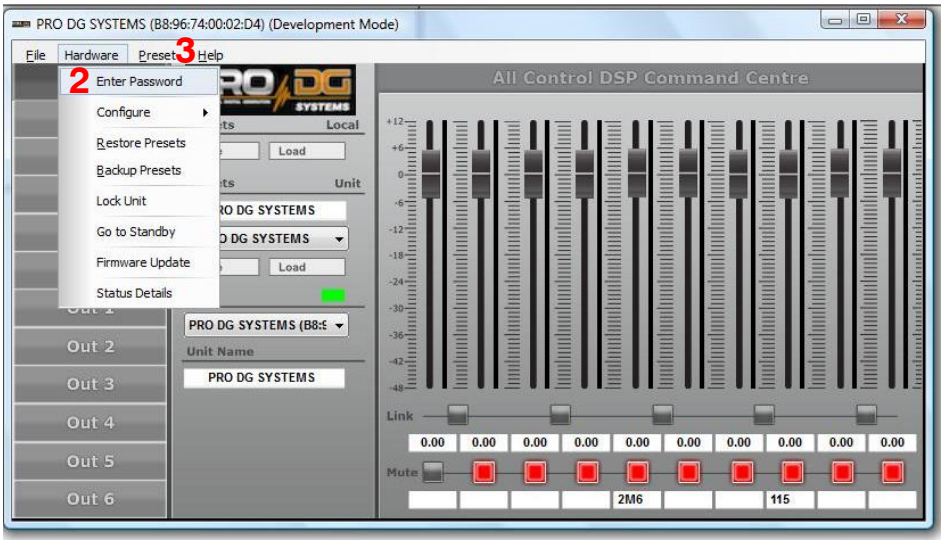
“HPF” (9) and “LPF” (10) represent the frequency cutoffs within the Crossover section.

The various sub-sections described for Out 1 (Output 1) are identical across all other outputs.

Below are the details of the various tabs that can be found on the top bar of the main menu:



“File” (1), where we find: Open (to open various files), Save (to save a file), and Quit (to exit).



“Hardware” (2) where we will find: Enter Password (to enter the access password that allows us to manage the software; for more information contact the technical support department at: sat@prodgsystems.com).

Configure, which contains the following subsections: Change Password (to change the access password). Network Settings (to assign an IP address either automatically or manually). Adm. Rights (available only if you have the password provided by the Pro DG Systems technical support department). User Rights. Locked Rights (manufacturer-defined rights assigned to the user). Power On Preset (to select the state in which the unit starts up). Preset Range (to set the preset with which the unit starts up). Output Mode (to select mono or stereo output). Routing.

Restore Preset (to restore presets saved in a file). Backup Presets (to create a backup). Lock Unit (to lock the device). Go to Standby (to set the display to standby mode). Firmware Update (to update the firmware version; UNDER NO CIRCUMSTANCES should you update the firmware without prior authorization from Pro DG Systems and without having first backed up all your presets). Status Details (to view the real-time status of the unit).

“Preset” (3), which includes: Password and Access Rights.