Guide for using Peecker Sound DSP presets

- **SELF POWERED SYSTEMS**

FORTY

Self powered systems of Peecker Sound Forty series have aboard a state-of-the-art DPS 96kHz/24bit for sound optimization, crossover cuts and limiters. On the rear panel a switch allows to select two preset (A and B) with different high-pass of low-pass cuts, oriented to the usage in different system configuration, like explained below:

- Satellite system **4008, 4010MH, 4012MH, 4015MH** and **4030MH**:
  A - full-range usage;
  B - usage with subwoofer.

- Subwoofer **40SW15** and **40SW18**:
  A - low-pass cut 90 Hz;
  B - low-pass cut 110 Hz.

UT Active_Stack

The self powered subwoofer PSUTBASE/A (base for the UT *Active_Stack* column systems) have a board a state-of-the-art DSP 96kHz/24bit for sound optimization, crossover cuts and limiters. On the rear panel of the PSUTBASE/A two switches allows to select 4 different factory preset suitable for different situations. Switch A allows to select the correct equalization for the current configuration, system *Active_Stack 1_1* or *Active_Stack 2_1,* that is in presence of 1 or 2 column speaker PSUT8xx rigged to it. It is not correct to select the preset for 1 PSUT8xx in presence of 2 1 PSUT8xx, or viceversa, so it is important to select the right preset for the particular configuration. The “B” switch allow to select two different sound for each of the provided system configuration.

- **PASSIVE SYSTEMS**

Peecker Sound offers two solution for processing the signal addressed to passive systems: the external processor **PS266** and the amplifiers **PSDSP** with DSP aboard. Both provides for a PC remote control, with the possibility to directly adjust audio parameters, load file with factory presets, save and recall preset with the desired user settings, on hard disk or internal memory. Processor PS266 preset files have extension .syx, for ex.: “40SW15-18_A+4012MH_B.syx”; preset files for PSDSP have extension .DP6, like for ex. “1PSUT8_stereo.DP6”. Preset files names are quite self-explanatory. The name of the specific PSDSP amplifier is written in parenthesis (for ex. PSDSP2000), only the DSP limiter settings change using different power PSDSP amp.

Loading a preset file on PS266

Launch the PS266 control software “Digital Speaker” and connect to the PS266 (see relative documentation); chose File -> Open to load the settings on the interface and in the current processing; chose Config -> Memory -> Store to save them in an internal memory location.

Loading a preset file on PSDSP

Launch the PSDSP DP6 control software “DP6” and connect to the PSDSDP (see relative documentation); chose File -> Open to load the settings on the interface and in the current processing; chose File -> Memory -> “Setup down” o “File down” to save them in an internal memory location.

All the Forty line presets are already loaded on the PSDSP.