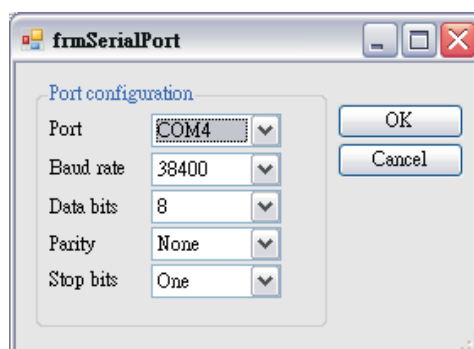


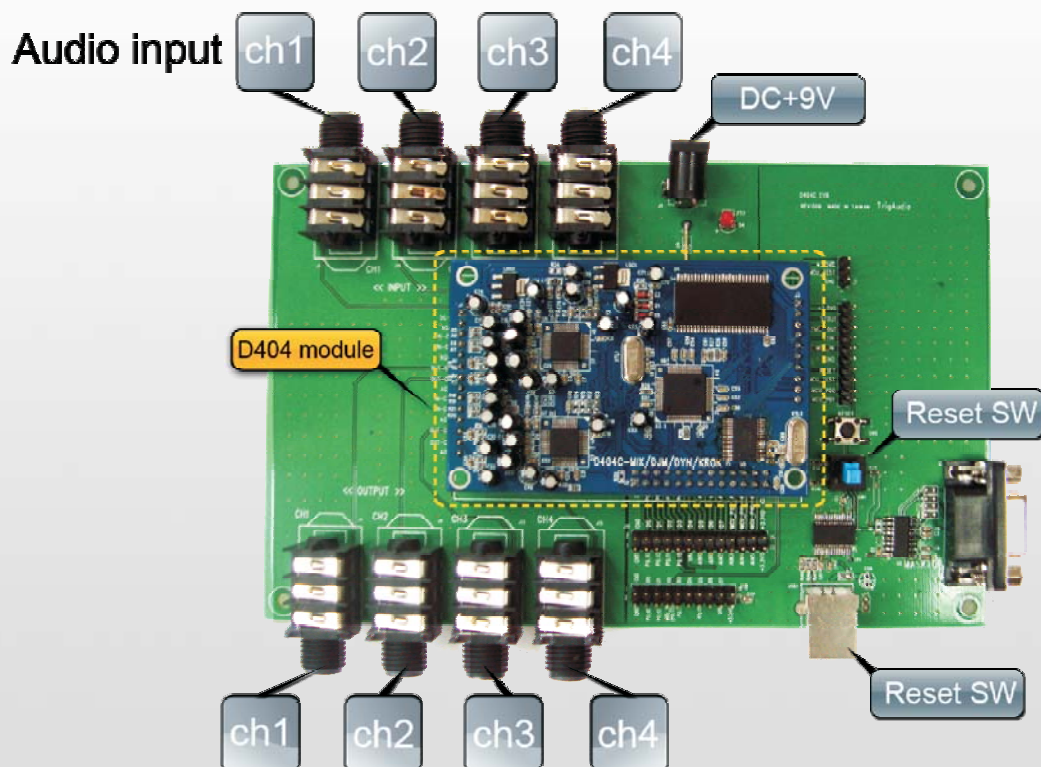


COM port Setting

Port: choose your own COM port
Baud rate : 38400



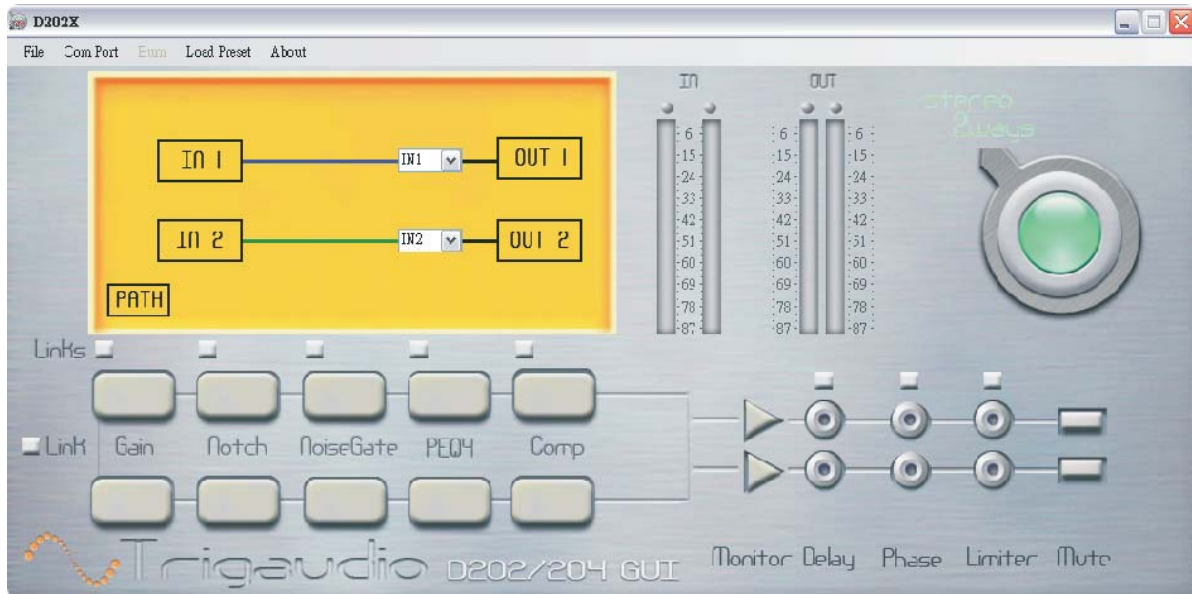
D404 module & EVB board description



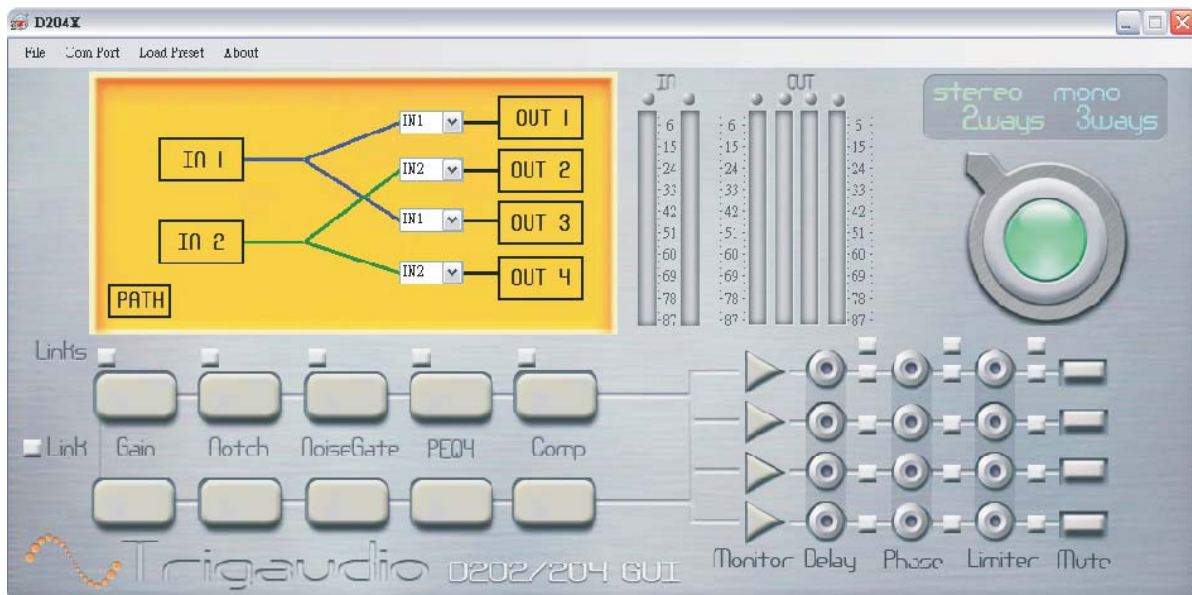
Operating description

By clicking each signal processing block , you can access into each block for parameter adjustment

D202X



D204X

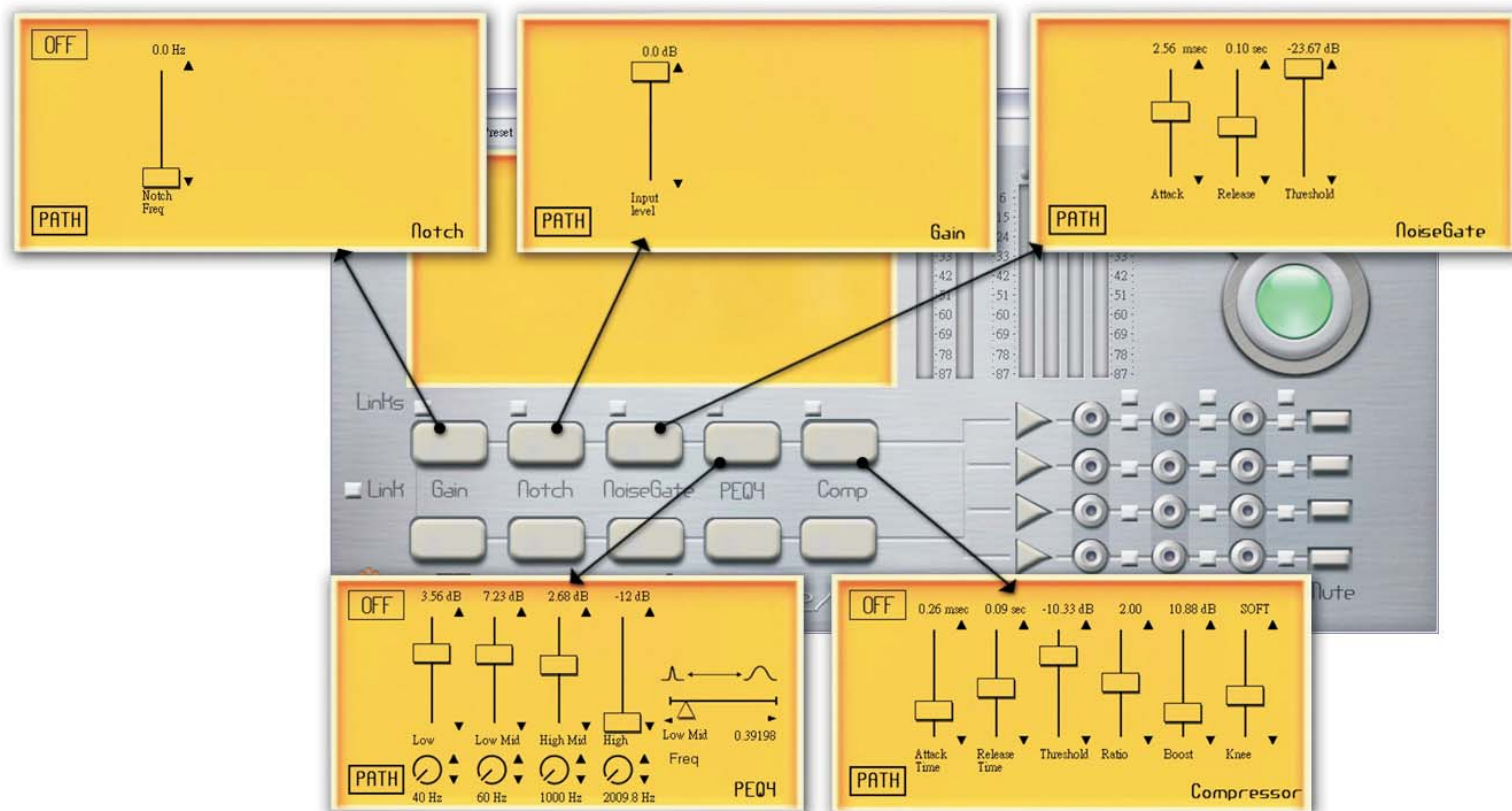


Input Signal Processing:

(1) Input Gain

(2) Notch filter

(3) Noise Gate



(4) 4 band parametric EQ

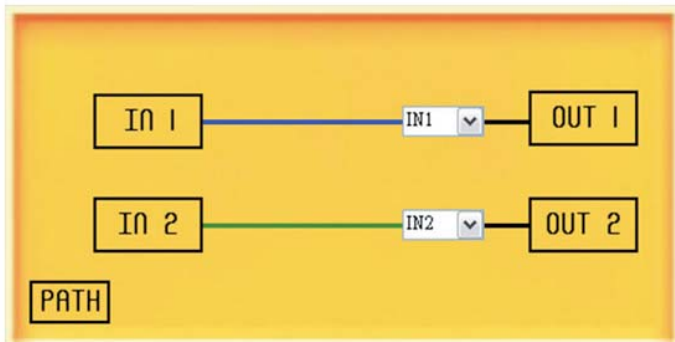
(5) Compressor

Signal Routing and test tone playing:

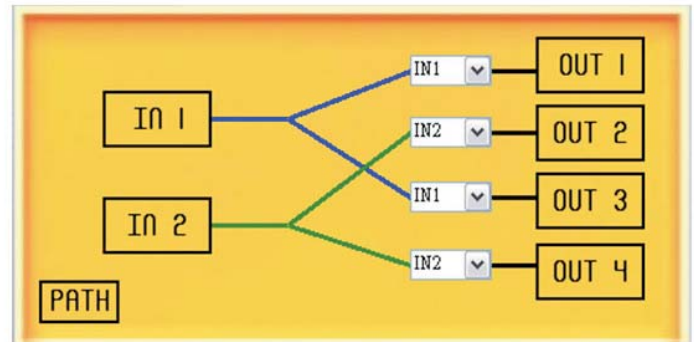
User can route input channel 1 , channel 2 or Sum of both channel to each output channel

(6) Signal Routing

D202X



D204X



(7) Tone Play

By clicking tone play, the test tone will be played to check which channel is being adjusting

D202X



D204X



Output channel signal processing

(8) Crossover filter: choose application by clicking Stereo-2-way or Mono-3-way

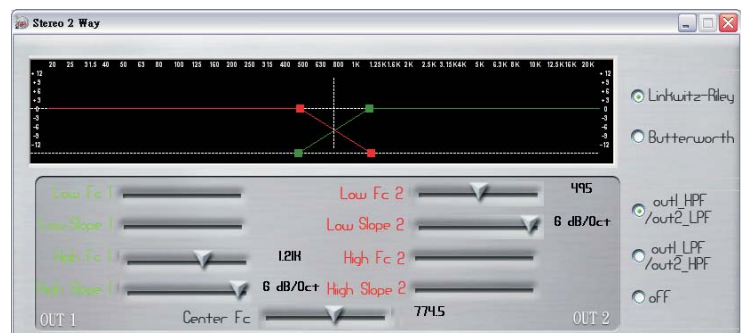
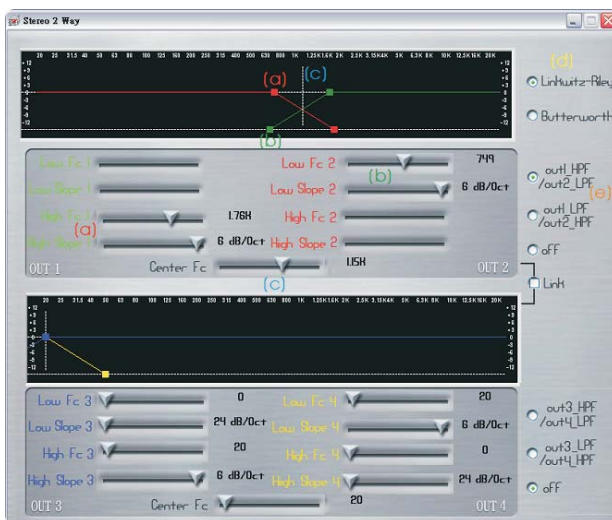
D202X

D204X



Stereo-2-way/Mono-2-way:

for 2 channel, dual2 way speaker and 2channel 2way speaker



- (a) Adjusting high pass or low pass filter cutoff frequency (by bar, key in or from graphic)
- (b) Adjusting the slope of the filter (by bar or from graphic)
- (c) Adjusting the crossover center frequency (by bar or from graphic)
- (d) Choose the filter type
- (e) Swap the channel high pass or low pass filter processing or bypass the filter

Stereo-3-way:

Mono channel ,3-way speaker

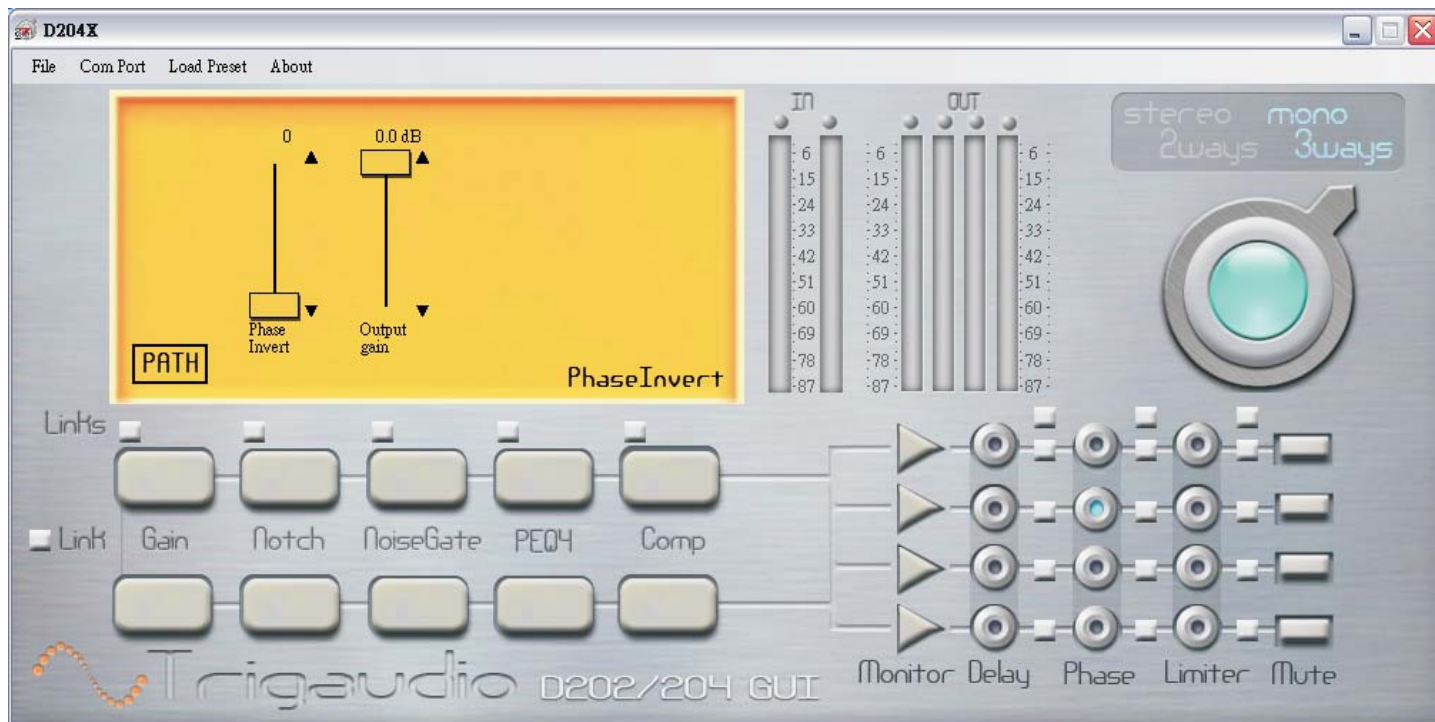


- (f) Adjusting high pass or low pass filter cutoff frequency (by bar, key in or from graphic)
- (g) Adjusting the slope of the filter (by bar or from graphic)
- (h) Adjusting the crossover center frequency (by bar or from graphic)
- (i) Bypass the filter
- (j) Choose the filter type

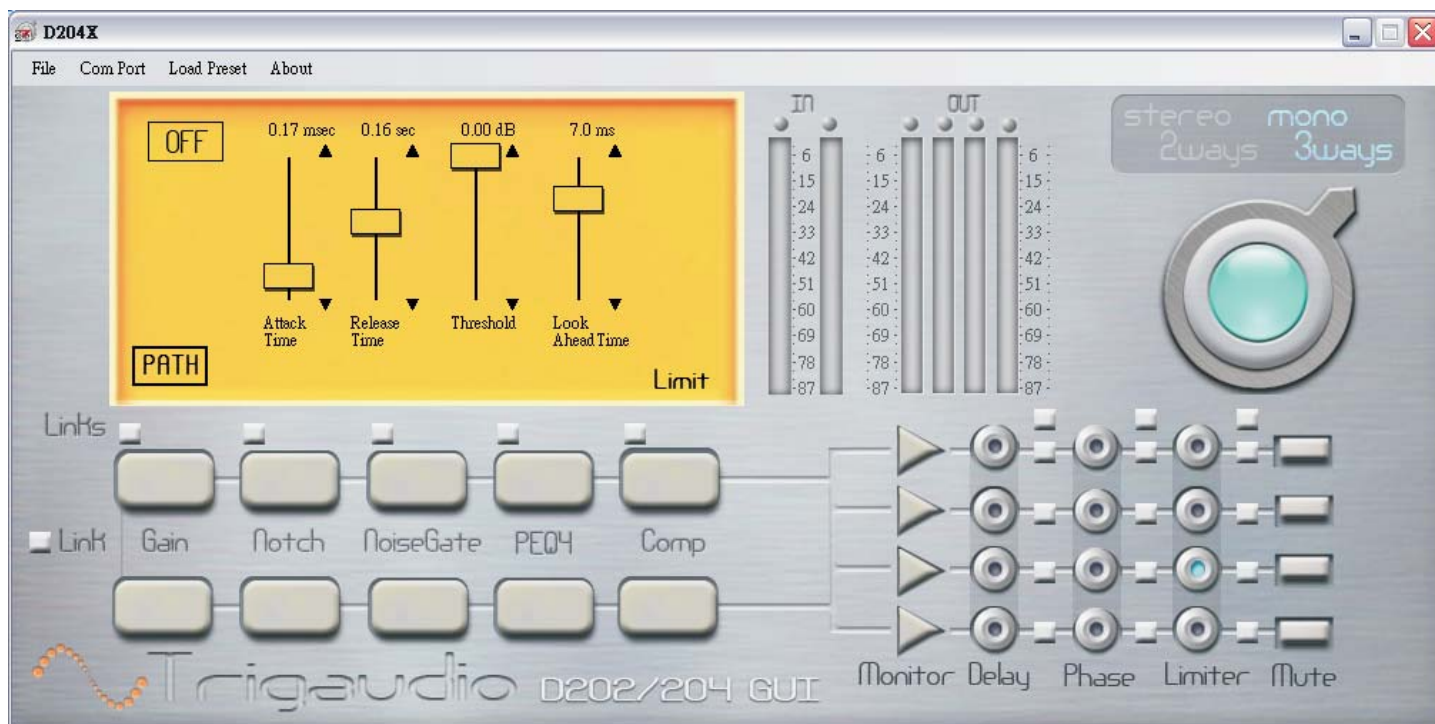
(9) Channel Delay



(10) Phase invert and output gain



(11) Limiter

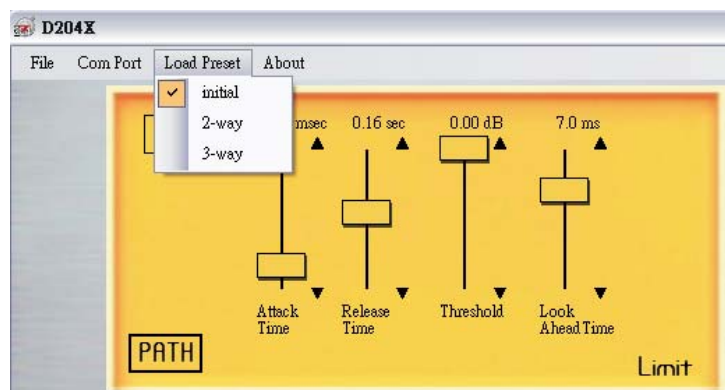
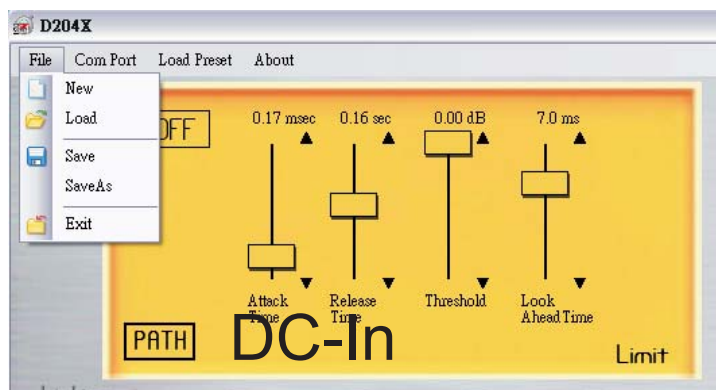


Operating description

- (A) Input channel link (B) Input function link (C) Output channel link
(D) Output function link (E) Meter display

File Load / Save

User can save all the parameter setting to files and load all the parameter setting from files
When starting the GUI ,it will auto load the “initial” file for initial setting.



Schematic for module control interface(RS-232)

