

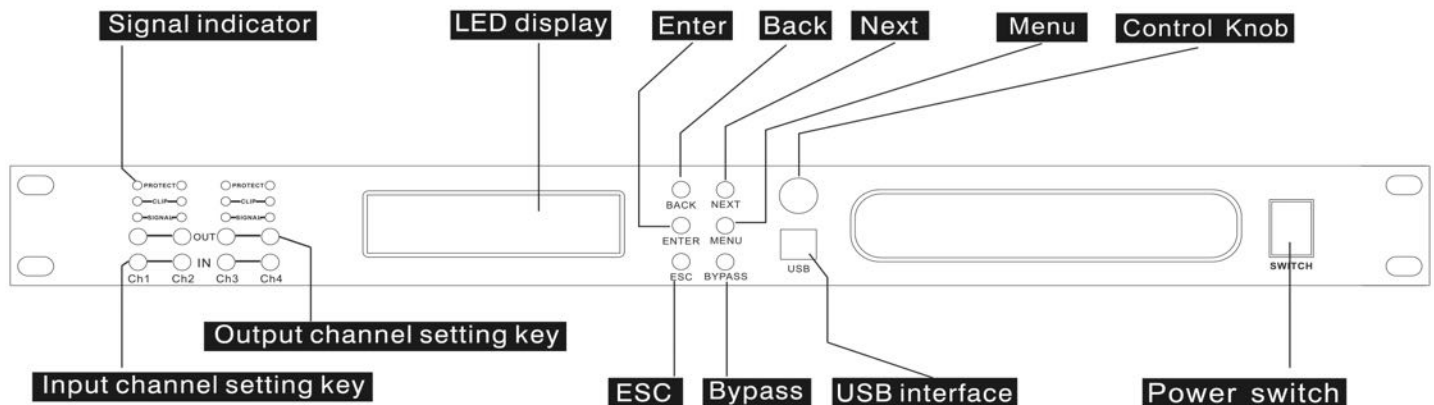


Amp Specs:	QDSP-2K
8Ω Single Channel:	4 x 250w
4Ω Single Channel:	4 x 450w
2Ω Single Channel:	Not Suitable for 2Ω Load
8Ω Bridge Mode:	2 x 800w
4Ω Bridge Mode:	Not Suitable for 4Ω Load in bridge
2Ω Bridge Mode:	Not Suitable for 2Ω Load in bridge
Frequency response:	20Hz - 20KHz ± 0.5 dB
THD+N (Rated Power 4Ω/KHz)%	0.10%
SNR	110dB
Input Impedance:	20KΩ Balanced/10KΩ Unbalanced
Output Connectors:	4 x Neutrik Speakons NL4
Power Requirements:	100 -120v 50/60Hz or 200-240v 50/60Hz

Dimensions:	QDSP-2K
Size:	483 x 44x 325mm
Weight:	5.7Kg

DSP Specs:	QDSP-2K
Input:	4 x Channel Neutrik XLR
PC Com Port:	Front: 1 x USB-B, Rear: 1 x USB-B, RS485, Ethernet
Processing:	48KHz Sampling Frequency, 48-Bit DSP, 24-Bit A/D & D/A Conversion
Dynamic Range:	>110dB
Frequency response:	± 0.25 dB, 20Hz - 20KHz
Distortion:	< 0.01%, 20Hz - 20KHz @ +10dBu Balanced Input
SNR:	>110dB
Crossover:	LPF,HPF & APF, Butterworth, Bessel & Linkwitz-Riley 12, 18, 24 & 48dB/Octave
EQ:	Bandwidth:0.2 to 36 Oct., Gain -24dB to +12dB, Step:0.2dB
Delay:	0ms - 115ms
Display:	2 x Line LCD Display
Preset Storage:	20 x Storage Slots

Front Panel



Signal Indicator:

- Mute LED - Indicates Device audio protection mute
- Clip LED- Indicates Low impedance/short circuit detection
- Limit LED - Indicates signal is clipping/limiters are in use
- Signal LED - Indicates signal present on channel.

LCD Display:

Display shows current status and allows user to view and edit menu's and settings locally..

Enter:

Confirms menu/operation command using front display.

Back:

Previous Page/scroll cursor back a character.

Next:

Next Page/Scroll Cursor forward a character.

Menu:

In Standby state used to access Settings Menu.

ESC:

Back to Previous menu/Return to standby screen.

Bypass:

Used to Bypass certain parameters in Channel Settings.

Input Select Key:

Quick press to Mute input signal, Press and hold to access Output Channel settings.

USB-B Port:

Used to access PC control via front panel (Windows OS only).

Output Select Key:

Quick Press to Mute output signal, Press and hold to access Output Channel settings.

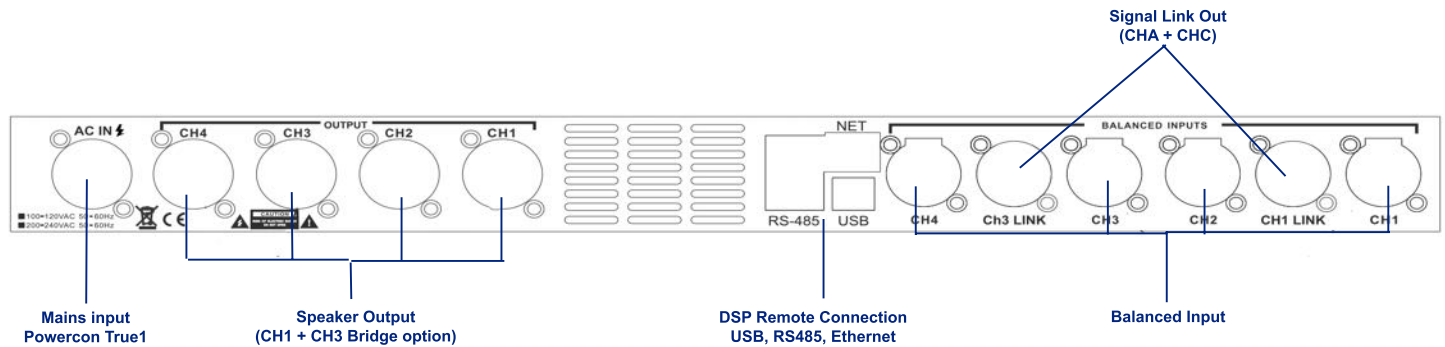
Control Knob:

Adjust Paramaters in Menu settings.

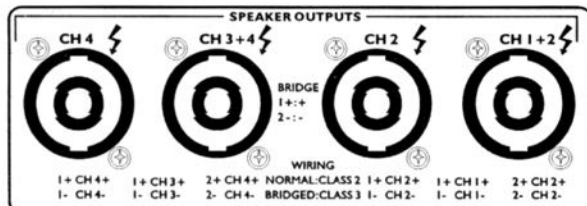
Power Switch:

Switch on Unit/Switch off unit, with LED to indicator to show Current power state.

Rear Panel

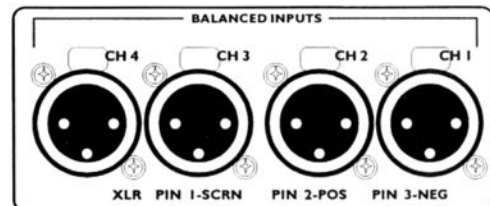


Output Connections



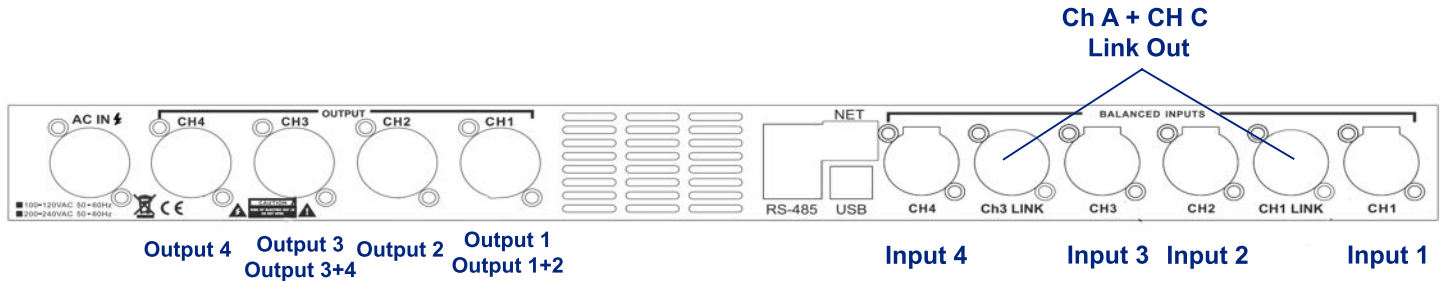
Channel 4 ± 1 Channel 3 ± 1 Channel 2 ± 1 Channel 1 ± 1
 Channel 4 ± 2 Channel 4 ± 2 Channel 2 ± 2 Channel 1 ± 2
 Bridge 1+ 2- Bridge 1+ 2- Bridge 1+ 2- Bridge 1+ 2-

Input Connections



Pin1 Screen
 Pin2 +
 Pin 3 -

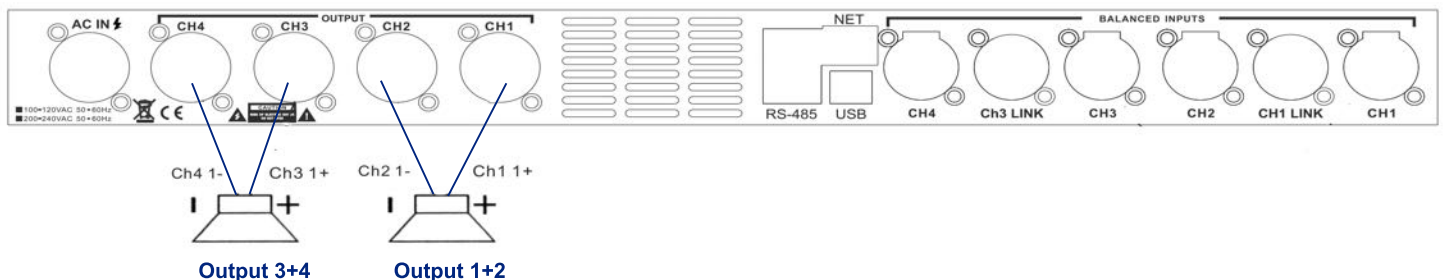
4 Channel Mode



Output 4 Output 3 Output 2 Output 1
 Output 3+4 Output 1+2

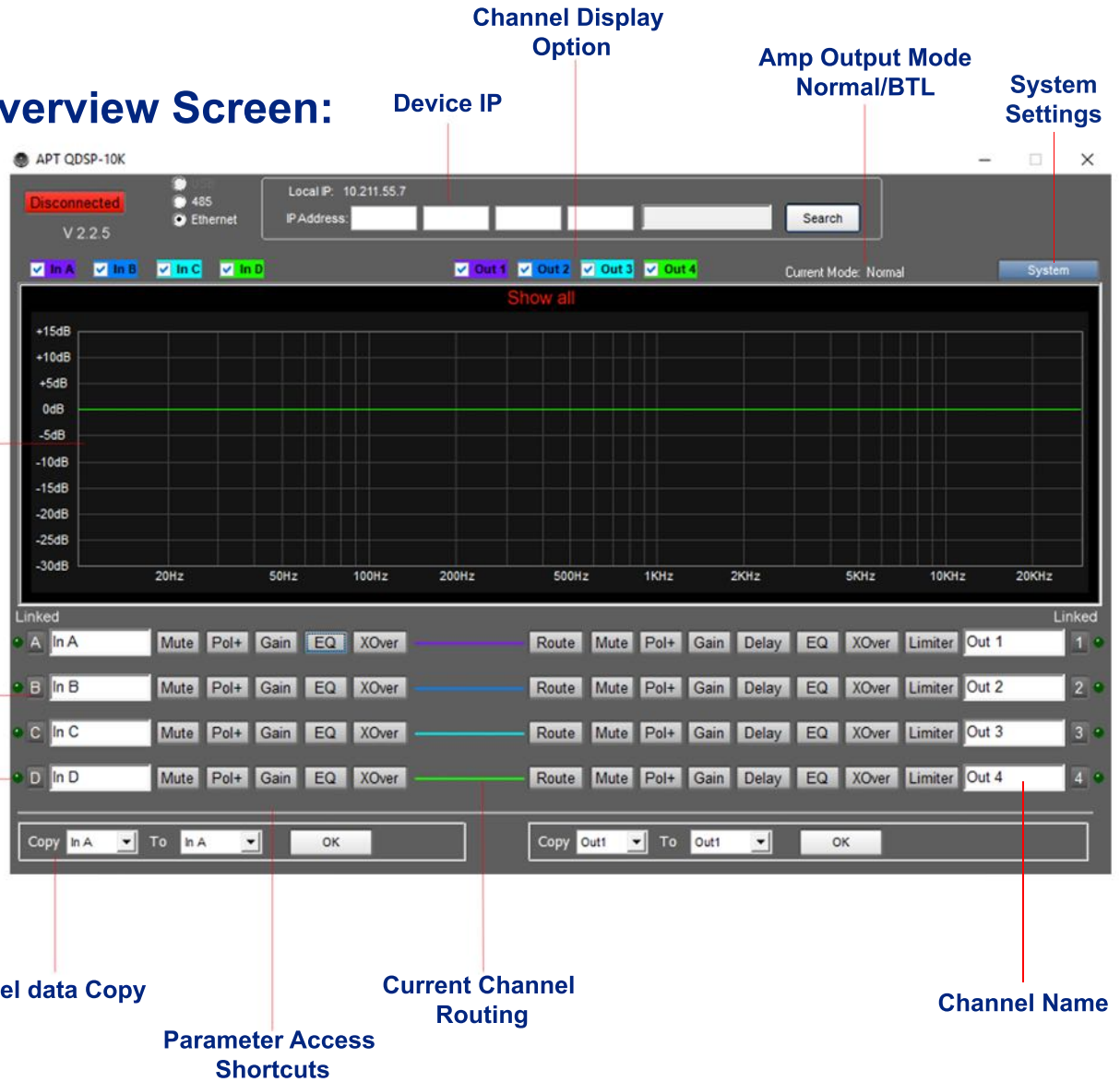
Input 4 Input 3 Input 2 Input 1

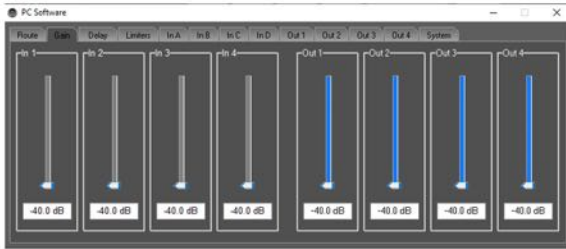
Bridge Mode



Ch4 1- Ch3 1+ Ch2 1- Ch1 1+
 Output 3+4 Output 1+2

Overview Screen:





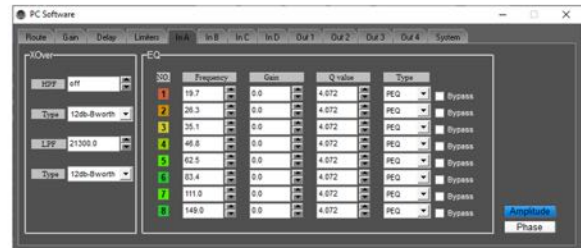
Input & Output Gain Settings



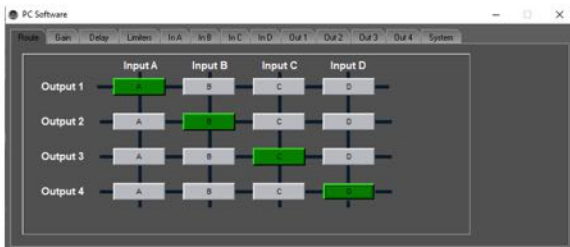
Delay Settings



Limiter Settings



Input Crossover/EQ Settings

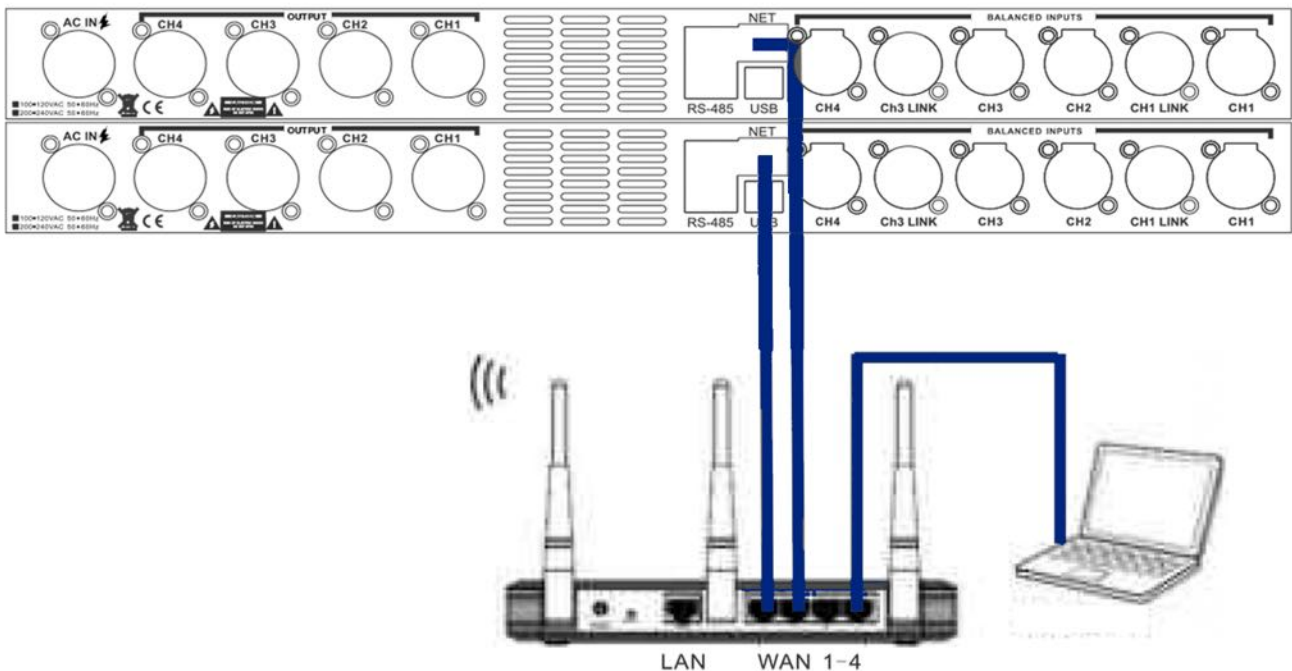


Routing Selection



Network/Output Mode Settings

Network Connection:



***Please note Must be connected to DHCP Router/Switch**