

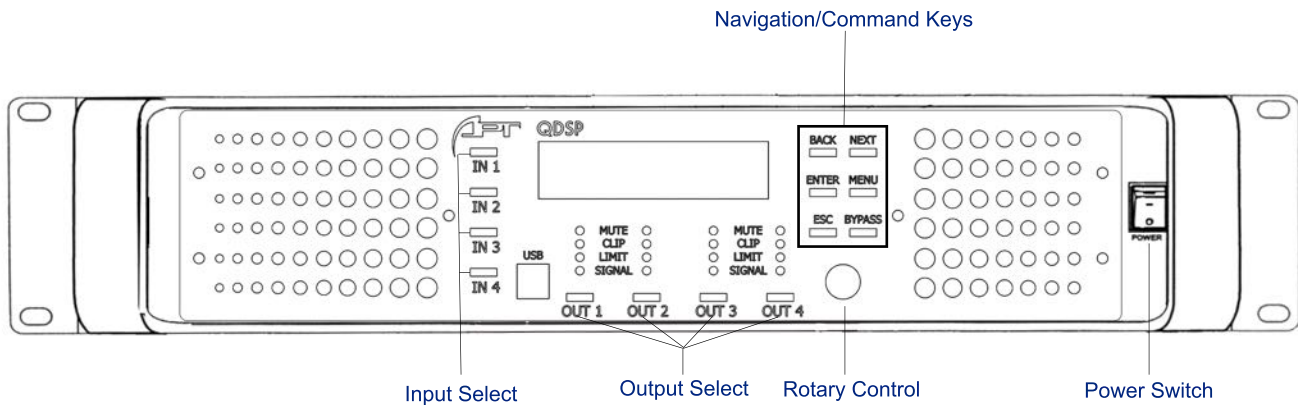


Amp Specs:	QDSP-6K
8Ω Single Channel:	4 x 625w
4Ω Single Channel:	4 x 1250w
2Ω Single Channel:	4 x 1500w
8Ω Bridge Mode:	2 x 2500w
4Ω Bridge Mode:	2 x 3000w
2Ω Bridge Mode:	Not Suitable for 2Ω Load in bridge
Frequency response:	20Hz - 20KHz ±0.5dB
THD+N (Rated Power 4Ω/KHz)%	0.10%
SNR	110dB
Input Impedance:	20KΩ Balanced/10KΩ Unbalanced
Output Connectors:	4 x Neutrik Speakons NL4
Power Requirements:	100 -120v 50/60Hz, 200-240v 50/60Hz

Dimensions:	QDSP-6K
Size:	483 x 377 x 88mm
Weight:	13Kg

DSP Specs:	QDSP-6K
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:	± 0.25dB, 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.

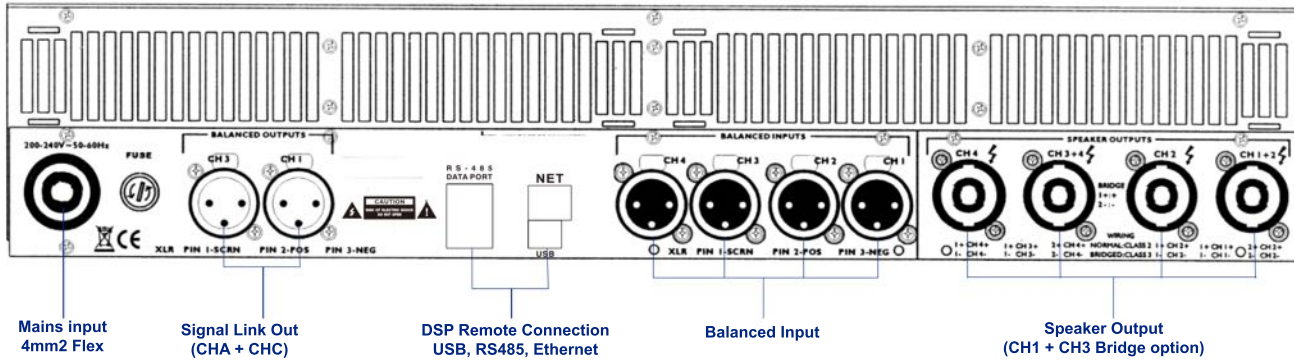
Control Knob:

Adjust Paramaters in Menu settings.

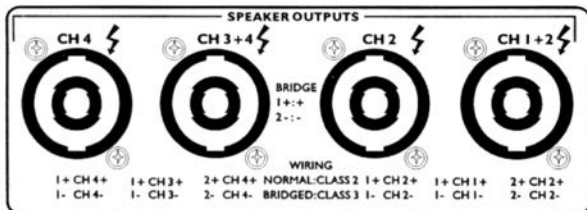
Power Switch:

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

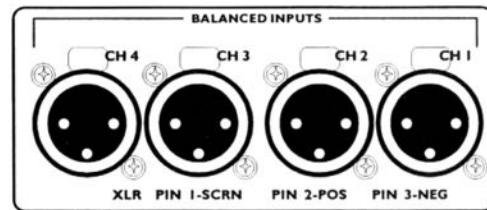
Rear Panel



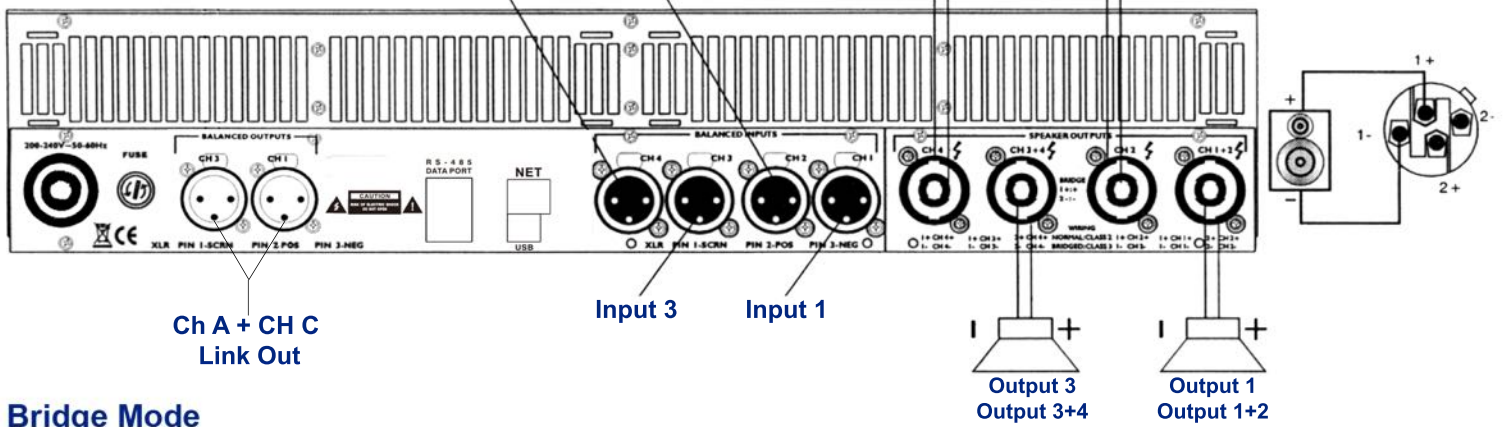
Output Connections



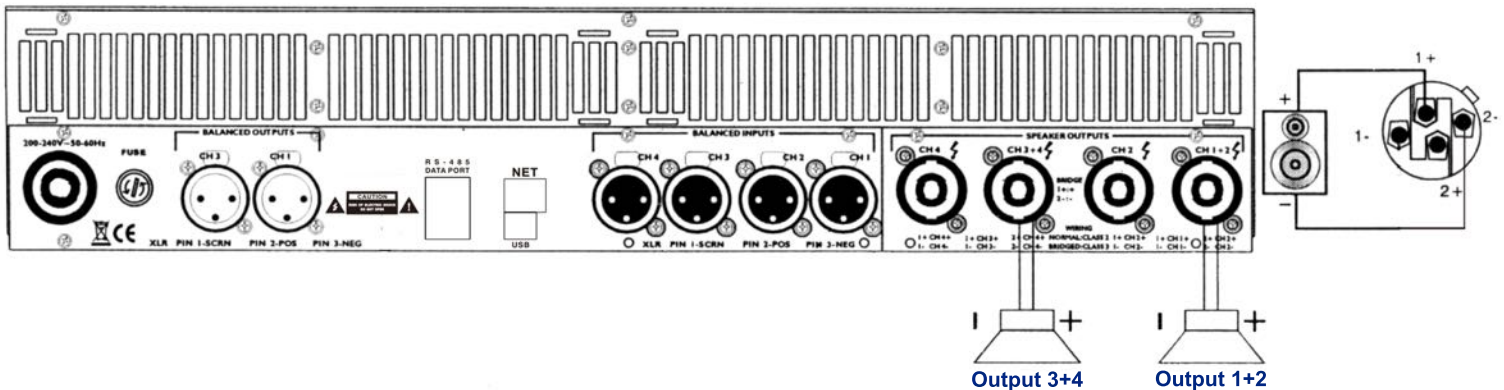
Input Connections



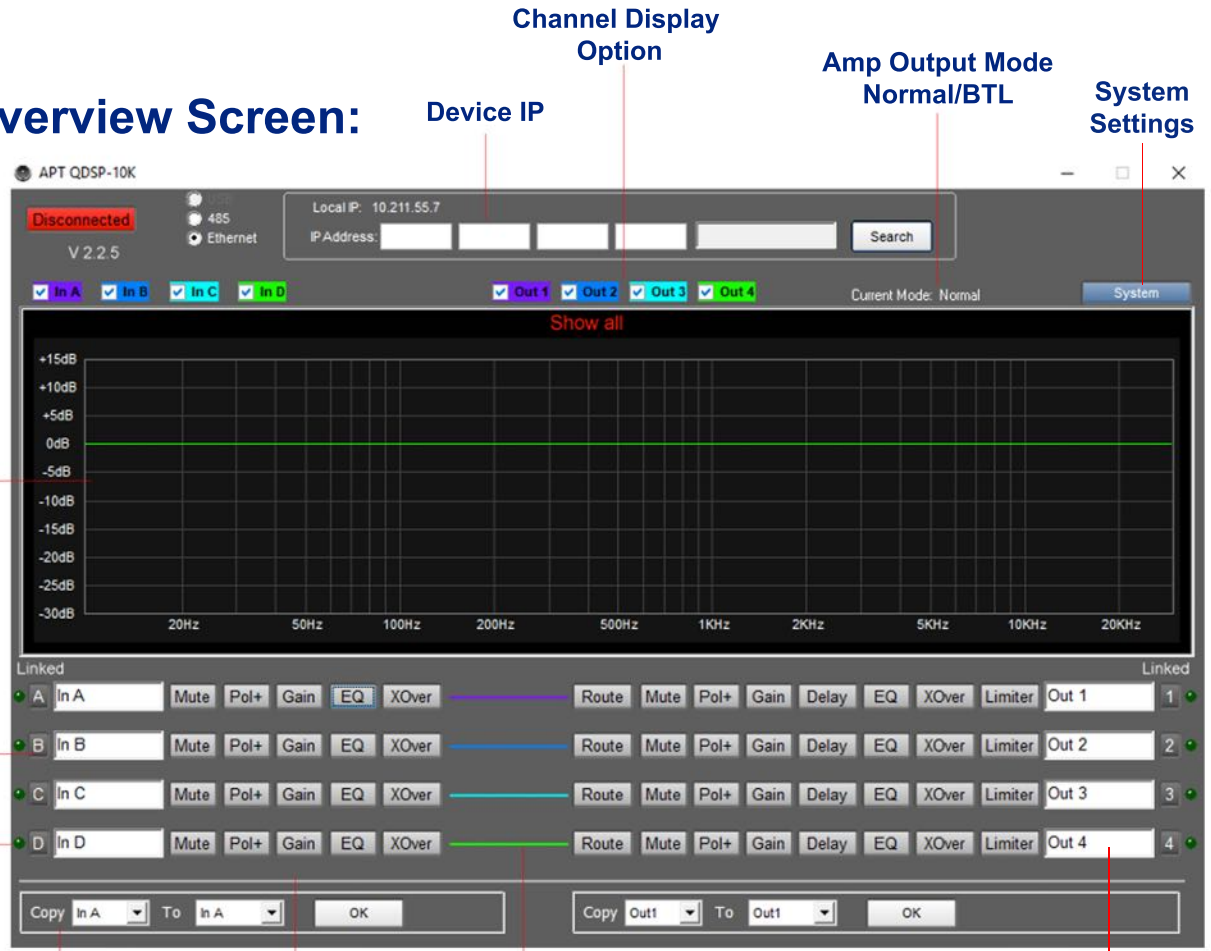
4 Channel Mode



Bridge Mode



Overview Screen:



The screenshot shows the APT QDSP-10K software interface. At the top, it displays 'Disconnected' and 'V 2.2.5'. The 'Local IP' is 10.211.55.7, and there is an 'IP Address' search field. Below this, there are checkboxes for 'In A', 'In B', 'In C', 'In D', 'Out 1', 'Out 2', 'Out 3', and 'Out 4'. The 'Current Mode' is set to 'Normal', and there is a 'System' button. The main area features a 'Crossover/EQ Visual Display' with a frequency response graph from 20Hz to 20kHz. Below the graph is a 'Channel Link Button' and a 'Signal Indicator'. At the bottom, there are 'Channel data Copy' and 'Parameter Access Shortcuts' fields, and a 'Current Channel Routing' section. The 'Channel Name' is also visible.

Channel Display Option

Amp Output Mode Normal/BTL

System Settings

Device IP

Crossover/EQ Visual Display

Channel Link Button

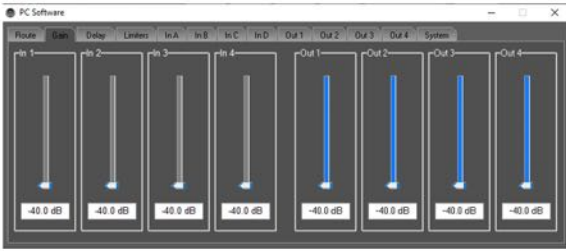
Signal Indicator

Channel data Copy

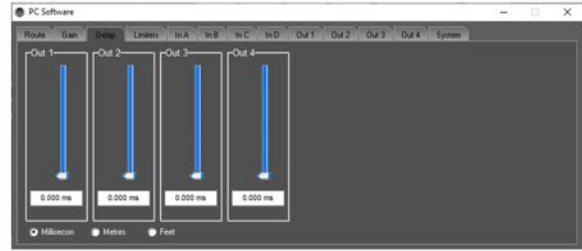
Parameter Access Shortcuts

Current Channel Routing

Channel Name



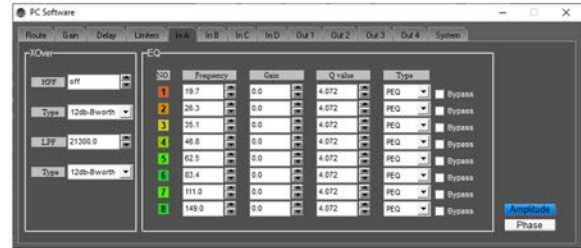
Input & Output Gain Settings



Delay Settings



Limiter Settings



Input Crossover/EQ Settings

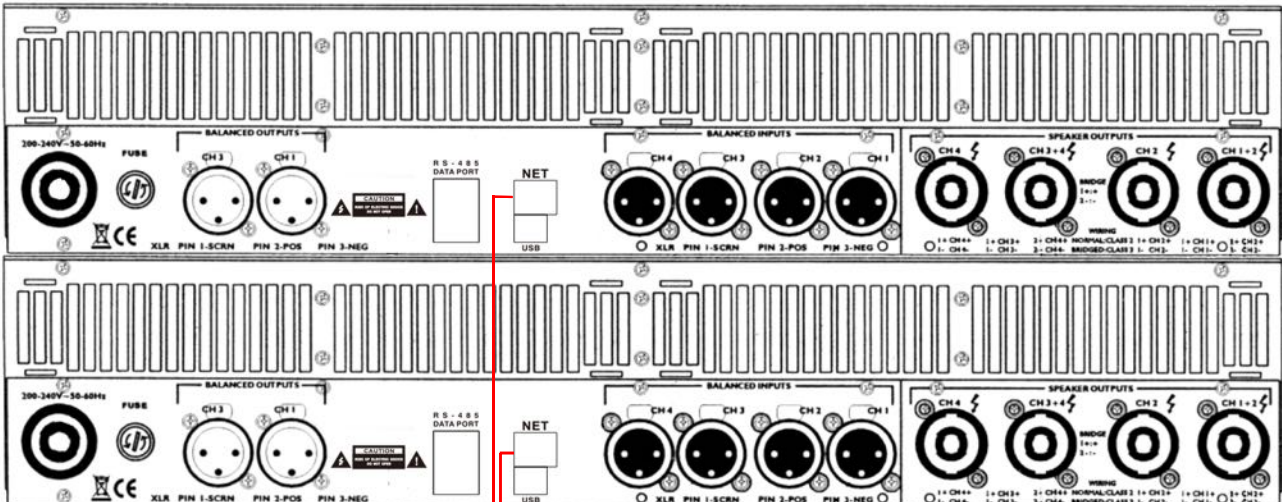


Routing Selection



Network/Output Mode Settings

Network Connection:



*Please note Must be connected to DHCP Router/Switch

