Klipsch®

KDA AMPLIFIERS

DSP MENU USER GUIDE

SECTION 1: ACCESSING THE DSP MENU

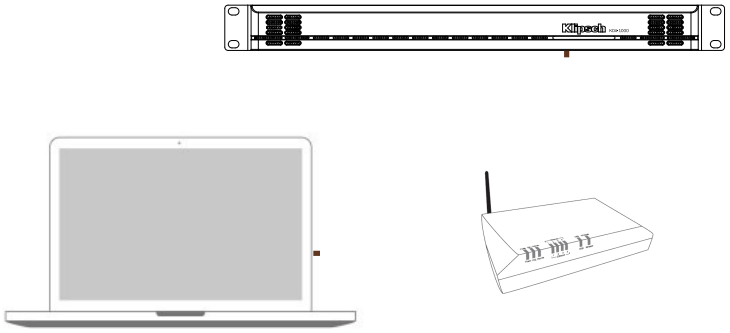
Via Network Router (Recommended) ---- 3
Via Direct Connection ---- 4
Via Smartphone or Tablet ---- 5

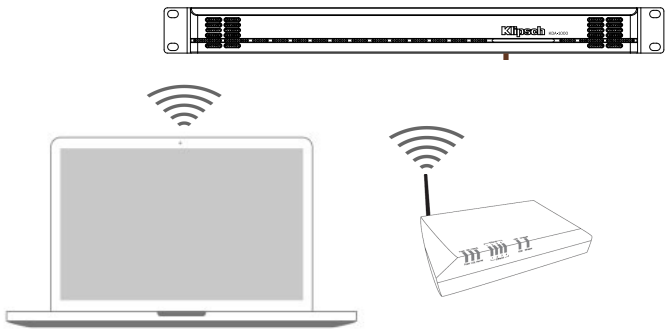
SECTION 2: DSP MENU PAGES

Home Page ---- 6
General Page ---- 8
Input Page ---- 9
EQ Page ---- 10
Output Page ---- 11

SECTION 3: ADDITIONAL RESOURCES

Product Information ---- 12





VIA DIRECT CONNECTION

1. Connect a crossover cable (required) from the ethernet port on the KDA amplifier to the ethernet port on your computer.

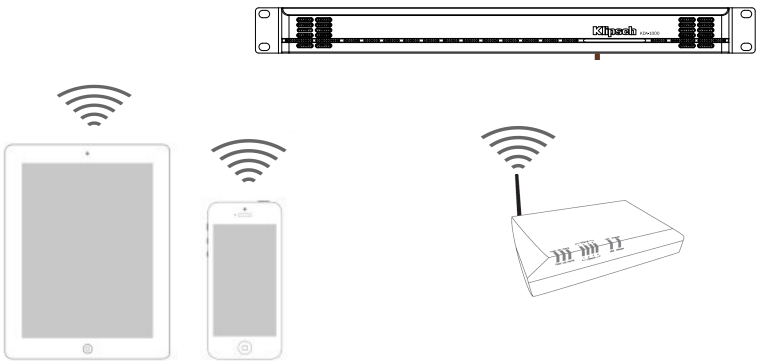
2. Open a web browser on your Mac or PC. Chrome or Firefox are recommended.

3. Enter the model name of the amplifier in the web browser in either of the following formats:
   http://kda500
   http://kda1000

4. Hit enter. The Klipsch KDA DSP Menu will open in the browser window.

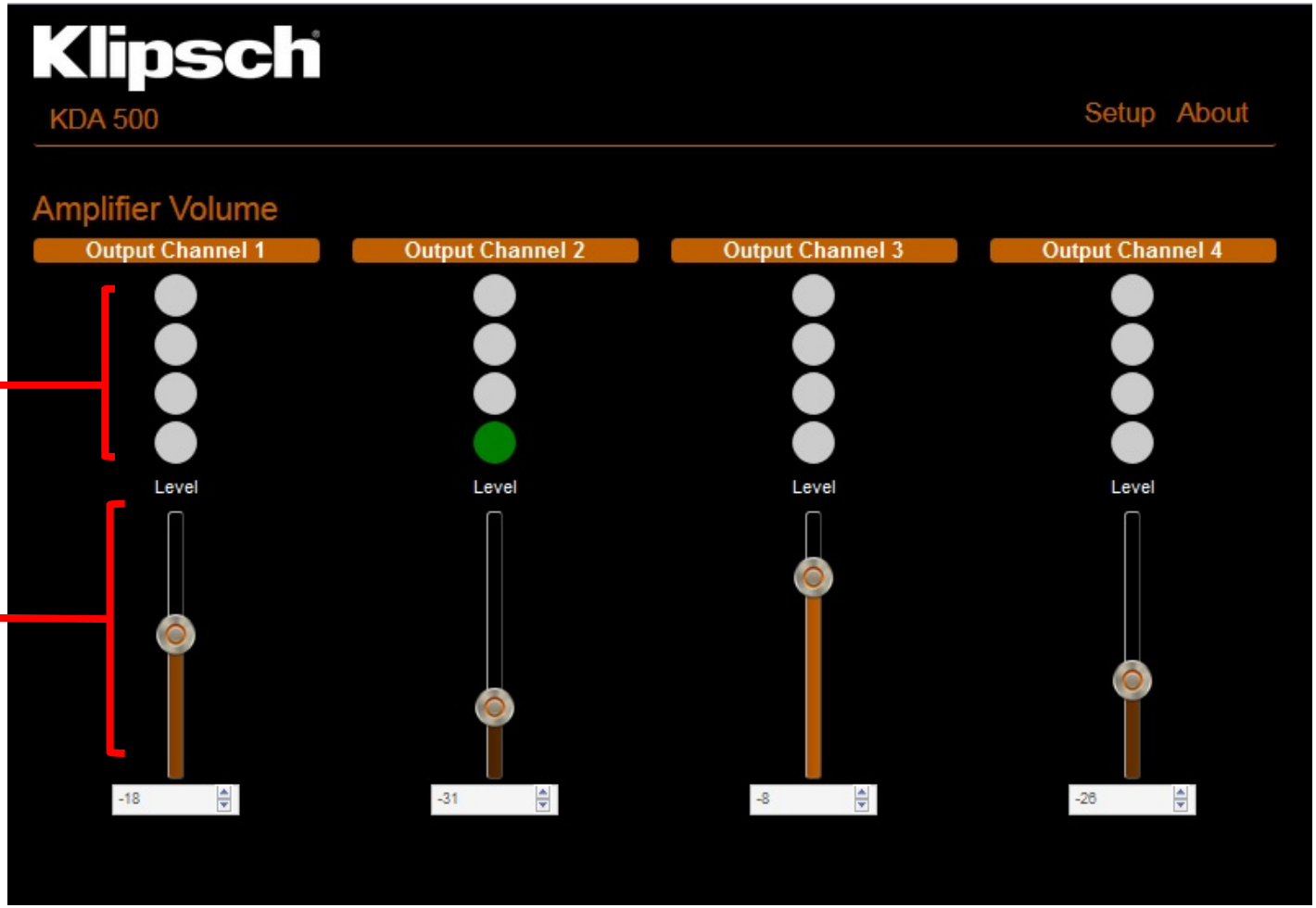
VIA SMARTPHONE OR TABLET

1. Connect an ethernet cable from the ethernet port on the KDA amplifier to an ethernet port on the wireless router in DHCP mode. This is usually the default router setting, but consult your router's user manual to confirm this setting.
2. Connect your smartphone or tablet to the same router via Wi-Fi.
3. Using your router's set up software or an IP scanner (Fing IP Scanner app is recommended for iOS or Android and Advanced IP Scanner is recommended for Windows devices) to identify the IP address of the KDA amplifier.
4. Open a web browser on your device. Safari or Chrome are recommended. Enter the IP address of the KDA amplifier into the browser menu. Hit Enter.
5. The Klipsch KDA DSP Menu will open in the browser window.



OUTPUT LEVEL METERS
Indicates output clip level.

OUTPUT LEVEL
We recommend setting these to unity gain (0dB), as most volume levels will be controlled at the source component.

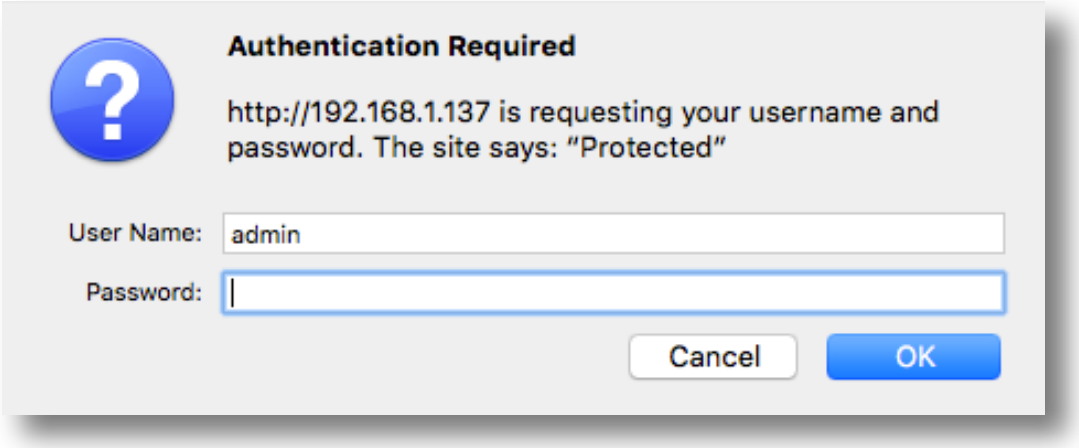


The following pages are password protected.

USERNAME:
admin

PASSWORD:
admin

This can be changed on the GENERAL settings page.



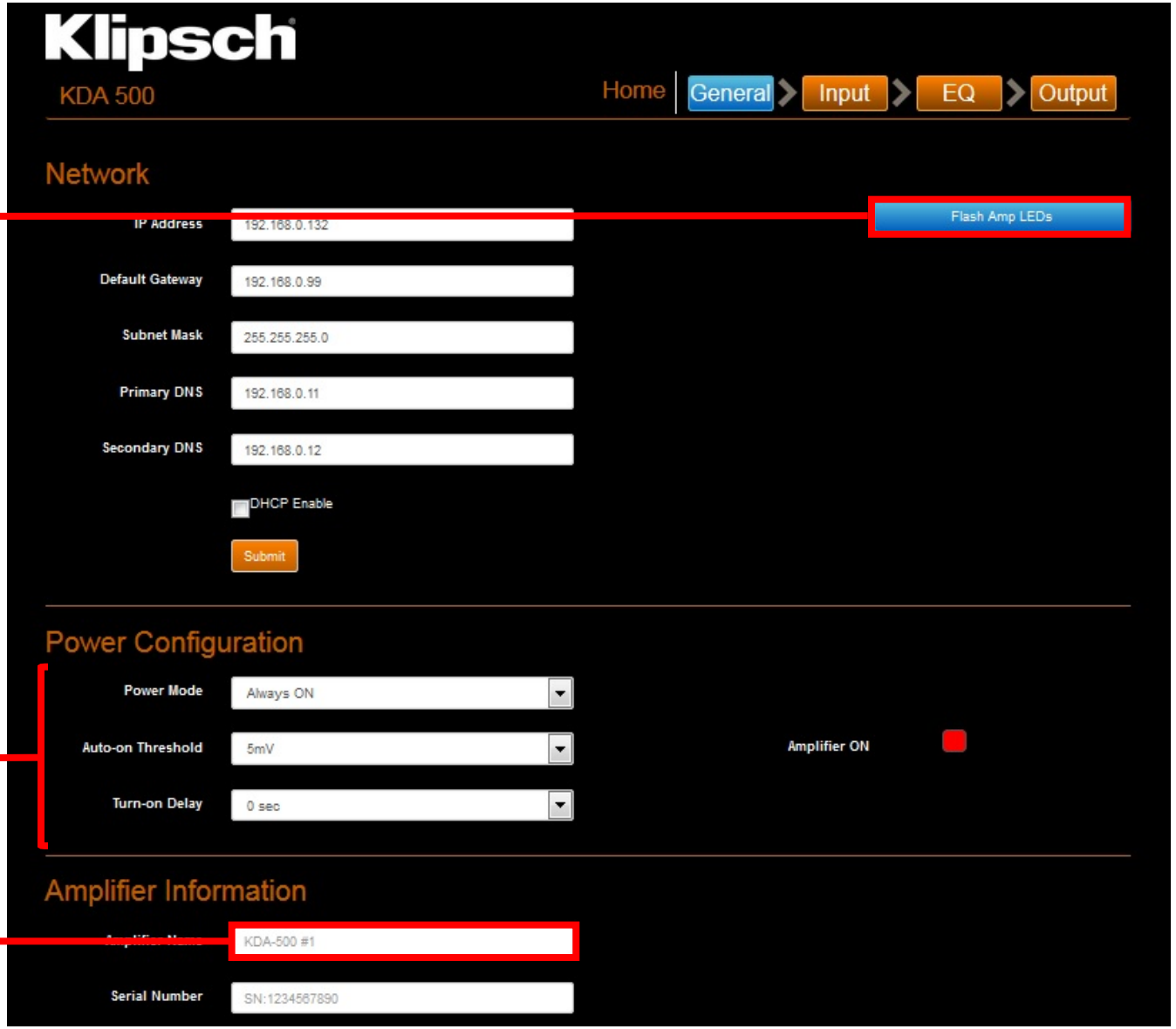
"FLASH AMP LED" COMMAND
When activated, this button will flash the front LEDs on the amplifier you are connected to. This is helpful in situations when multiple amplifiers are racked.

POWER CONFIGURATION
POWER MODE:
Always On - Stays on until hard power switch is turned off.
External Trigger - Senses input trigger from 12V trigger input on back panel
Auto On - Amplifier auto detects signal from input source

AUTO ON THRESHOLD: Sets sensitivity to input signal for auto turn-on.

TURN ON DELAY: Delays turn on from initial signal detection - useful for specific power sequencing

AMPLIFIER NAME
Customize amplifier name.



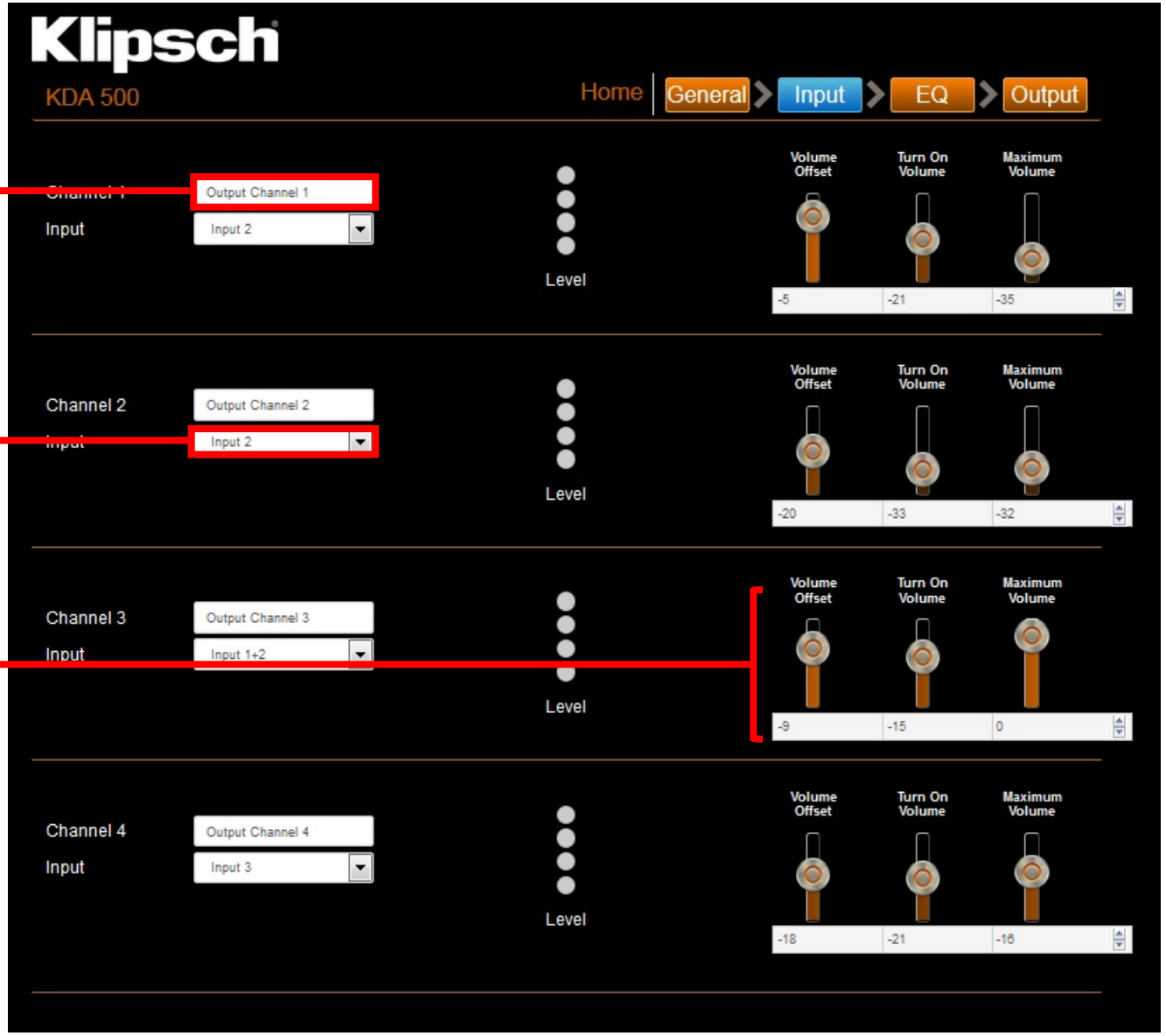
OUTPUT CHANNEL NAME
User customizable, auto-populates to other menu pages.

INPUT / SOURCE SELECT
Selects which input should be used with the output channel. 1+2 or 2+3 represent stereo channels summed to mono ouput.

VOLUME SETTINGS
VOLUME OFFSET:
Input volume trim - useful to balance volume variances between different inputs source types.

TURN ON VOLUME:
Dictates the volume level at which the channel will power on after a power cycle.

MAXIMUM VOLUME:
Dictates maximum volume level - useful in areas where loud volume is not preferred..



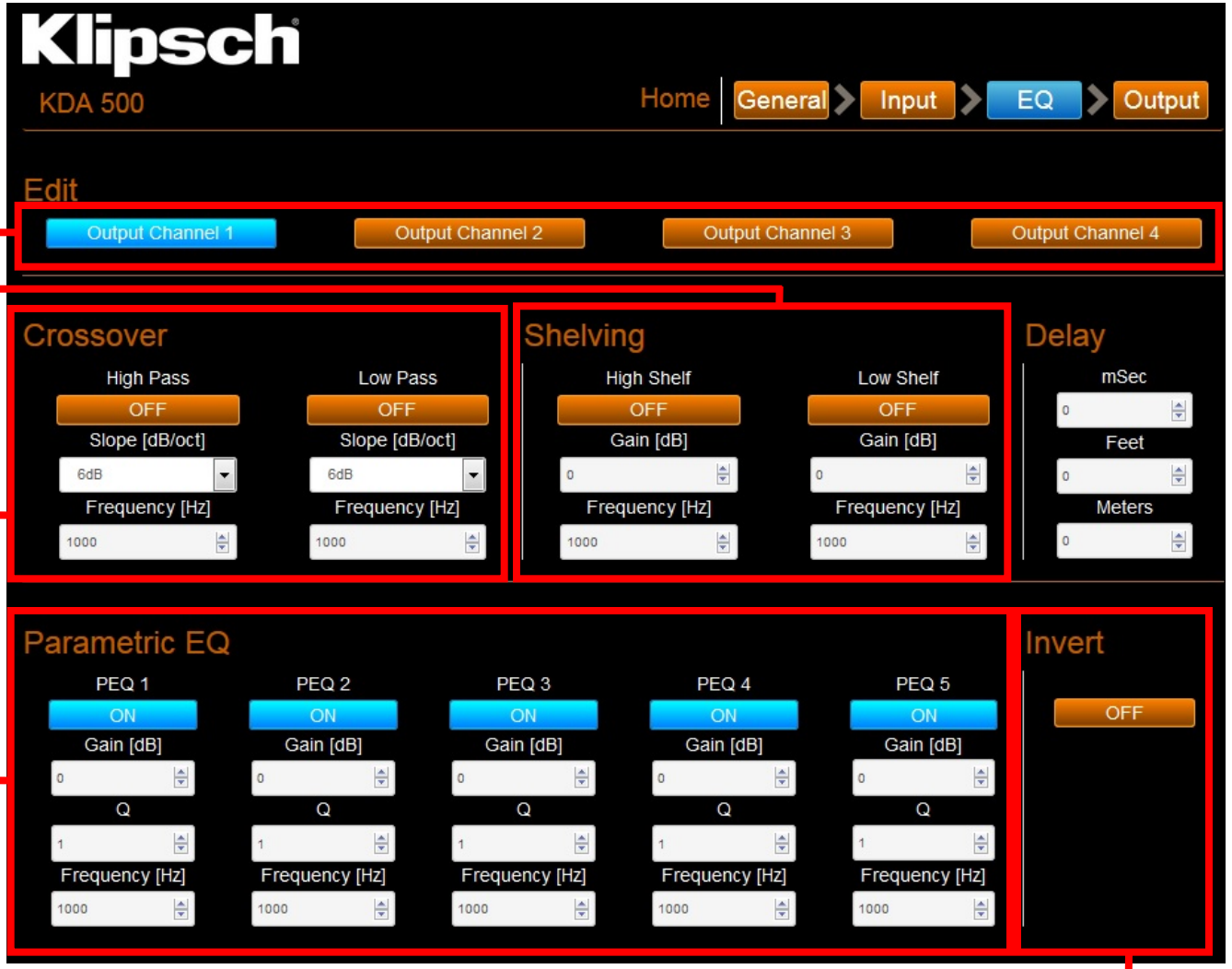
OUTPUT CHANNEL
Select which output channel to edit.

SHELVING
Specialized EQ allows user to boost or cut high or low frequencies with ease.

CROSSOVER
Set High Or Low Pass slope and frequency.

PARAMETRIC EQ
5-band fine-tuning EQ allows user to adjust frequency, filter width (Q), and boost/cut.
*Digital Domain – settings are completely bypassed when in "neutral mode".

PHASE INVERT
Invert output signal phase (0° / 180°).

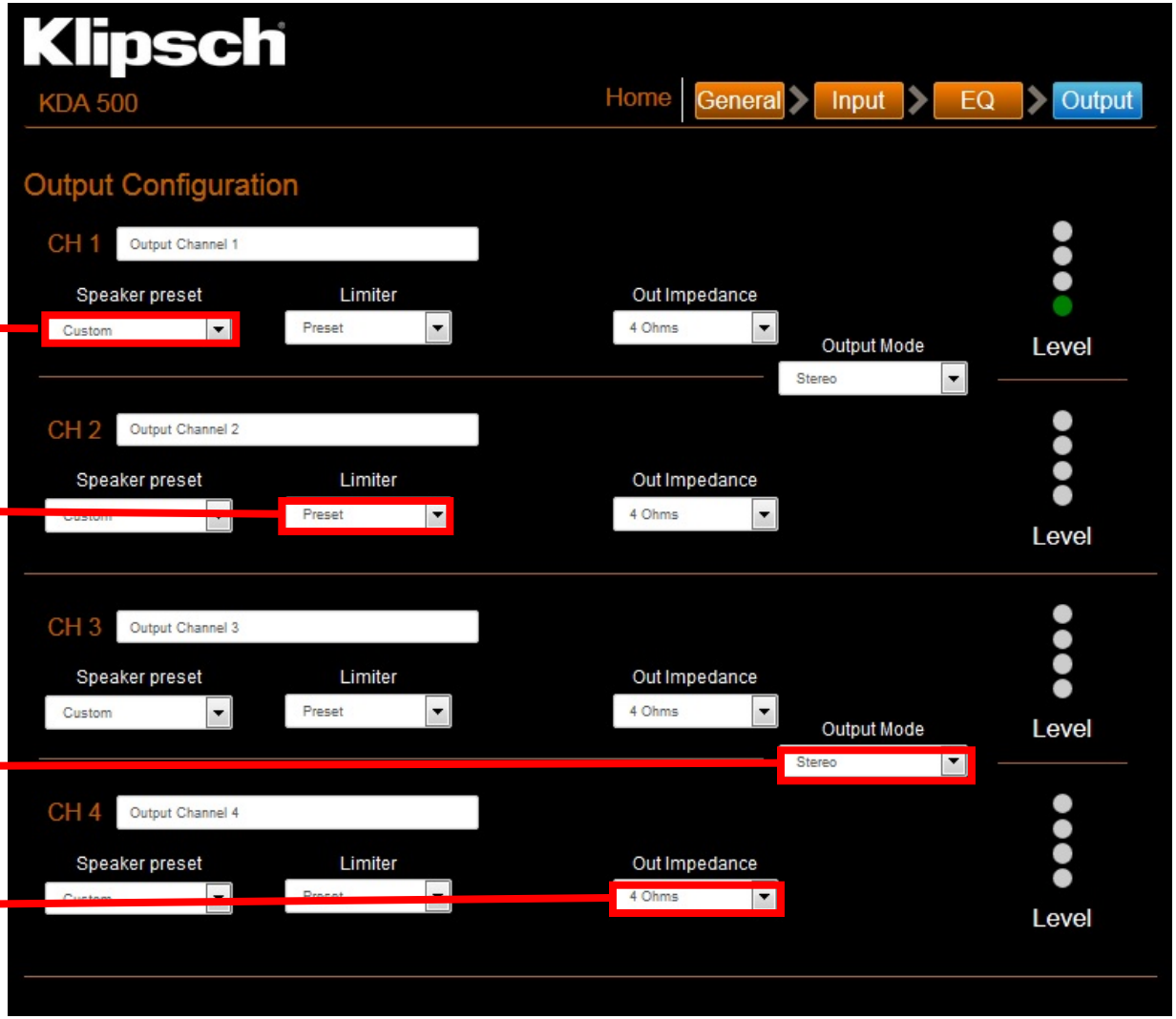


SPEAKER PRESET
Select Klipsch products to optimize acoustic performance through custom designed DSP settings. Will insert custom EQ and limiter settings in the corresponding output channel on the EQ page. Shows "Custom" when user EQ/limiter settings are used.

LIMITER
Set maximum output wattage to ensure correct speaker relability.

OUTPUT MODE
Select stereo mode for independent channels, or bridged mode to combine channels for more output power. When using 70V or 100V, bridged channels are required.

OUTPUT IMEDANCE
Select output impedance from channel to match speaker (4 ohm / 6 ohm / 8 ohm / 16 ohm / 70V / 100V).



HARDWARE USER MANUAL

KDA-500 & KDA-1000

PRODUCT WEB PAGES

KDA-500
KDA-1000

SPEC SHEETS

KDA-500
KDA-1000

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