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## PRESENTATION

Congratulations, you have just purchased a product with HKI USA quality. Through Engineers with years of experience, critical testing procedures and a high-tech laboratory we have created an amazing processor that reproduce the musical signal with the clarity and fidelity you deserve.

*To ensure optimal product operation, read this manual carefully before using the product. Keep the manual in a safe and accessible place for future reference.*

IMPORTED BY

# HKI

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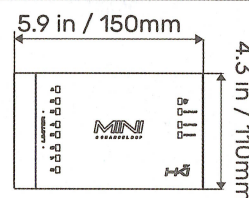
HKI



HKI USA

## TECHNICAL SPECIFICATIONS

| INPUT (LEFT / RIGHT) |                            |
|----------------------|----------------------------|
| Inputs               | 4                          |
| Type                 | Electronically Symmetrical |
| Connectors           | RCA                        |
| Max Input Level      | 4,00Vrms (+14dBu)          |
| Input Impedance      | 100KΩ                      |
| OUTPUT               |                            |
| Outputs              | 8                          |
| Type                 | Electronically Symmetrical |
| Connectors           | RCA                        |
| Max Input Level      | 3,50Vrms (+13dBu)          |
| Input Impedance      | 100KΩ                      |
| DSP                  |                            |
| Frequency Response   | 10Hz to 24KHz (-1dB)       |
| THD+N                | <0,01%                     |
| Signal Latency       | <0,6ms                     |
| Bit Rate             | 32Bits                     |
| Sampling Frequency   | 96kHz                      |
| OUTPUT               |                            |
| Voltage DC           | 10-15VDC                   |
| Voltage DC           | 300mA                      |
| DIMENSIONS           |                            |



Height: 1.69 in / 43mm  
Weight: 0.3Kg

Conformal Coating on PCB for Marine Protection.

\*These typical data may vary slightly

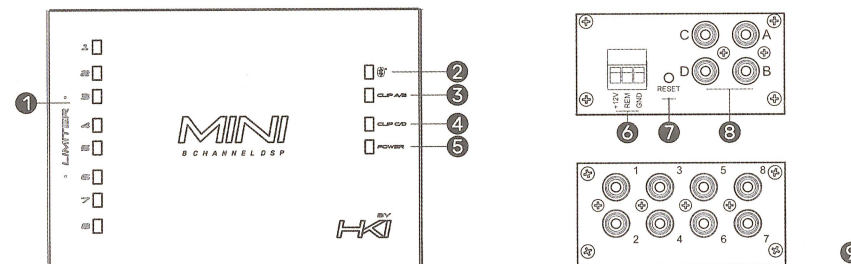


## TECHNICAL SPECIFICATIONS

| ROUTING CHANNEL                |  |                                       |              |             |
|--------------------------------|--|---------------------------------------|--------------|-------------|
| Routing Options                |  | A / B / C / D / A+B / A+C / B+C       |              |             |
| GAIN                           |  |                                       |              |             |
| General Gain                   |  | -53 to 0dB                            | Channel Gain | -33 to +9dB |
| GAIN                           |  |                                       |              |             |
| Cutoff Frequency               |  | 20Hz to 20kHz                         |              |             |
| Types of Cuts                  |  | Linkwitz-Riley / Butterworth / Bessel |              |             |
| Attenuations                   |  | 6 / 12 / 18 / 24 / 36 / 48dB/8°       |              |             |
| INPUT EQUALIZER (EQ IN)        |  |                                       |              |             |
| EQ Bands                       |  | 15 Bands                              |              |             |
| Gain                           |  | -12 to +12dB                          |              |             |
| CHANNEL EQUALIZER (EQ CHANNEL) |  |                                       |              |             |
| EQ Bands                       |  | 8 Parametric per Channel              |              |             |
| Gain                           |  | -12 to +12dB                          |              |             |
| Q Factor                       |  | 0.6 to 9.9                            |              |             |
| TIME ALIGNMENT (DELAY)         |  |                                       |              |             |
| Time                           |  | 0 to 18,95ms                          | Distance     | 0 to 6500mm |
| LIMITER                        |  |                                       |              |             |
| Threshold                      |  | -54 to +6dB                           |              |             |
| Attack                         |  | 1 to 200ms                            |              |             |
| Release                        |  | 1 to 988ms                            |              |             |
| POLARITY INVERSION (POLARITY)  |  |                                       |              |             |
| Phase Control                  |  | 0 or 180°                             |              |             |
| MEMORIES (PRESETS)             |  |                                       |              |             |
| Presets                        |  | 3 - 100% Configurable                 |              |             |

\*These typical data may vary slightly

## DESCRIPTION



### 1 CLIP LEDS AND OUTPUT LIMITER

When lit, it indicates that the audio output is reaching its maximum level and generating distortion or showing the actuation of the limiter. If the limiter is deactivated then it will function as an output clip, if the limiter is activated it will function both as an output clip and as a limiter indicator.

### 2 BLUETOOTH CONNECTION INDICATOR LIGHT

Indicates that Bluetooth is connected.

### 3 4 CLIP LED OF LEFT AND RIGHT INPUTS

When lit, it indicates that audio input is reaching its maximum level

### 5 - PROCESSOR INDICATOR LED ON

When lit, it indicates that the processor is turned on.

### 6 POWER CONNECTOR

Connector responsible for supplying +12V, REM, GND of the processor.

### 7 RESET KEY

Returns all the parameters of the processor to those defined by factory, to reset, just keep the key pressed for 5 seconds

### 8 INPUT CONNECTOR

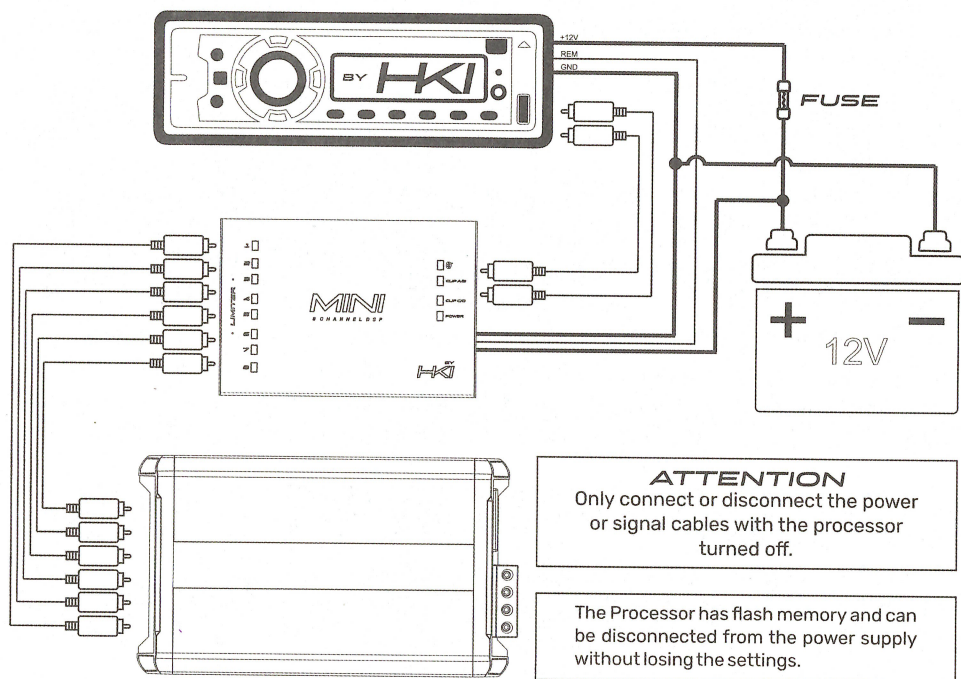
Receives high impedance signals from the Player, Mixer, Smartphone, Etc.

### 9 OUTPUT CONNECTOR

Sends properly processed signals to the amplifiers.



## INSTALLATION



1. Read the entire product manual carefully before beginning installation
2. For safety, disconnect the negative from the battery before beginning the installation.
3. Keep all RCA cables away from power cables.
4. Use high quality cables and connectors to minimize loss and noise.
5. If the equipment is grounded on the vehicle chassis, scrape all the paint off the grounding point to ensure a good connection.

### Noise Problems:

1. Check that all equipment in the system is grounded at the same point, in order to avoid ground loops.
2. Check the processor output RCA cables.
3. Make a correct gain structure, making the gain of the amplifiers as small possible.
4. Use high quality cables and keep away from any potential sources of noise.
5. Contact our technical support - [ra@hki-usa.com](mailto:ra@hki-usa.com)

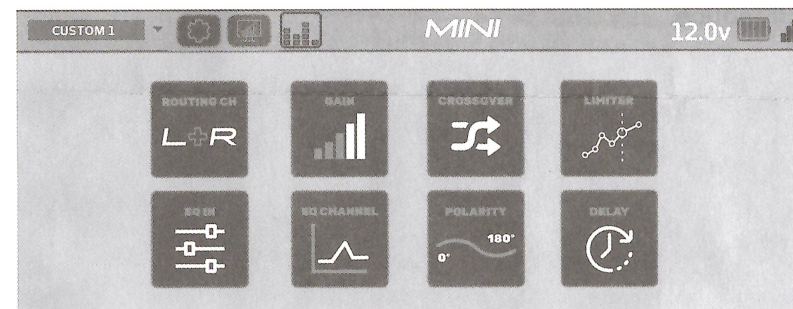


## BLUETOOTH CONNECTION

1. Download the app from the Google Play Store or Apple Store.
2. Activate Bluetooth on your Smartphone.
3. Activate the location of your Smartphone.
4. Open the HKI MINI app and it will display the following information



5. Select the processor and enter the password, the factory password is 0000, to set a new password, just enter any password other than 0000.
6. If you want to reset your password, you will need to reset the processor to all factory defaults.



6. Congratulations, you are connected to your MINI processor, now with a simple and intuitive interface you can manage your sound system completely.

Compatible with Android 7 or higher / iOS 13 or higher