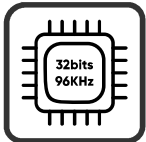




*...is all you need*



BT Connect Password Factory Default Setting: 000000



8CH AIR PLUS PERFORMANCE CAR DSP

### CONGRATULATIONS !

You now own the EXCURSION PX-AP8 Active Concept Building Block for your unlimited Car Audio System demands which you are going forward today or in Future. It is the product of an uncompromising design and german engineering philosophy. A product made from Car Audio fanatics who truly believe in the relentless pursuit of perfection.

EXCURSION products are the result of several decades of product improvements, competition, innovation and highest quality parts and control standards in industry. With PX-AP8 we proudly present the first crossover product in team engineering with our sisterbrand u-Dimension Europe, which we want thank and honor at this point.

When properly installed the PX-AP8 will provide you with many years of listening pleasure and give you an absolute professional tool into your hand, which actually offer ALL YOU NEED to get the best result out of your EXCURSION Car audio investment.

Should your PX-AP8 ever need a service, Please record your information on the following lines to refer to in the event that you may need it later.

Dealer's Name \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Installation Shop \_\_\_\_\_

Installation Date \_\_\_\_\_

At EXCURSION Intl. we are confident you will have many years of outstanding enjoyment from your high performance investment. For maximum performance we recommend that you have your new EXCURSION PX-AP8 Active Processor installed by an exclusive Authorized EXCURSION Dealer or Car Audio Expert.

To learn more about EXCURSION, please visit us on the World Wide Web at

<http://www.excursion.us>

### 8CH AIR PLUS PERFORMANCE CAR DSP

- \* 4CH 4V RCA INPUTS
- \* 8CH 3.5V RCA OUTPUTS
- \* 96 KHz / 32 Bit Sampling - AKM Chip
- \* BT Controle via IOS and Android App
- \* 8CH INPUT SIGNAL Routing
- \* 8CH GAIN (-33 to +9dB) and MAIN GAIN (-55 to 0dB) Controle
- \* 8CH High Pass, Low Pass or Band Pass with 6/12/18/24/36/48dB fully configurable Butterworth, Bessel or Linkwitz active Filter Setting between 20Hz-20KHz Range + Channel Copy function.
- \* 8CH Limiter with individual Setting for Threshold (-53 up to +6dB), Attack (1 to 200ms), Release (1 to 988ms) or Automatic Setting.
- \* 6 Memories Configurable - SAVE/LOAD
- \* 31 Band, +/-12dB Graphic EQ INPUT Signal Setting with optional ByPass Function
- \* 8CH 31 Band, +/-12dB, 0.6-9.9 QF, Parametric EQ OUTPUT w. optional ByPass Function
- \* 8CH Polarity Setting 0 or 180°
- \* 8CH Time Delay with 0-6800ms or 0-18,95ms Setting
- \* 8CH Monitoring, with MAIN Output GAIN
- \* Voltage Status Monitoring of PX-AP8 Unit.
- \* Multi Unit APP Controle via BT List Selection
- \* DC10-15V Working Voltage @ 300mA max. Consumption
- \* Signal to Noise (RCA) 108dB
- \* Frequency Response 20Hz - 22KHz
- \* MINI INLINE Metrics : 110 x 90 x 38 mm

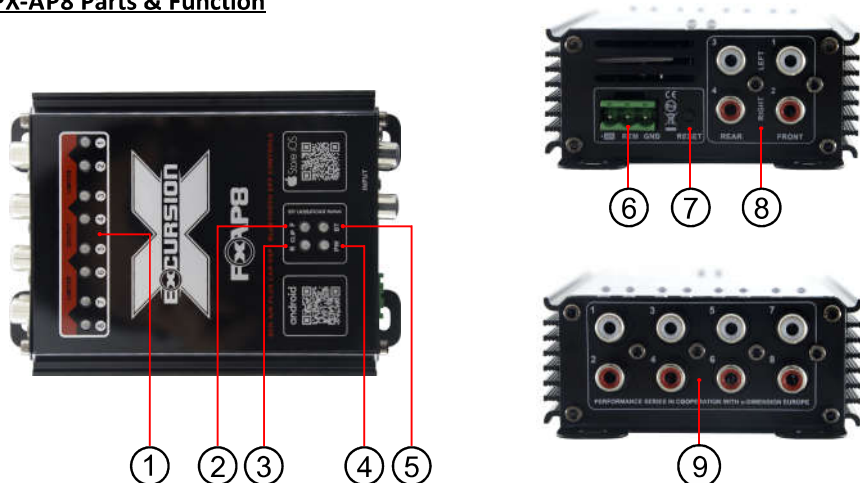
AIR PLUS EXCURSION PERFORMANCE DSP series, or we also say "it will never get simpler", offers an almost unlimited bandwidth with all common DSP functions and with lightning-fast access and all at the highest level to implement each of your goals in your most private of all rooms. PX-AP8 is the building block that should be found in every concept at any time or can be added to all concepts at any time.

We are not calling for a turning point, but the PX-AP8 has the ambitions and capabilities to achieve a lot for the classic consumer in the future and to give them an absolute professional tool in their hands. Equipped with RCA inputs and outputs, a plug-in power connection and a reset button, the PX-AP8 cannot be surpassed in terms of clarity and is only the size of a hand. Equipped with the most modern AKM chips in 96KHz/32 bit sampling, it is on par with the largest processors on the market and for a fraction of bugs what is usually requested. The intuitive and clearly designed APP software allows for an almost casual ease of use and offers 6 memory presets for free configuration. With 8 channels, it serves up to 3-way fully active systems with subwofer/center or, when used channel-separately with 2 PX-AP8 units, it can control even the most complex audio concepts at any time up to 16 channels and even that wouldn't be the limit.

However, it remains so affordable that in principle it should be included when purchasing any 4-channel power amplifier already, simply because the value of just a timing correction for the speakers justifies the investment and can turn CAR into HOME.

For EXCURSION, PX-AP8 was the missing component and the reason why we don't have any DSP amplifiers in our range yet. With the exception of a successor to our successful PXA P6, this will continue to be the case. With maybe two of the most extensive car audio amplifier series in its range, EXCURSION now offers a number of active config options with the PX-AP8 and 14 different HXA amplifier models and 14 different SXA amp models, which will make every theoretical lottery chance jealous and, as usual, with a Smile at the price to performance comparison.

## PX-AP8 Parts & Function



### 1. Clip LED and Output Limiter Indicator Light

When lit, it is an indication that the audio output has reached its maximum level, and produces a signal to show limiter's activity. If the limiter is disabled, the limiter will be used as an output clip, and if the limiter has been triggered, it will be used as both an output clip and a limiter indicator.

### 2. Bluetooth Connection Indicator Light

Indicates that Bluetooth is connected.

### 3. Clip LED (Left Input) - A/B

When lit, it shows that the audio input has reached its maximum level.

### 4. Clip LED (Right Input) - C/D

When lit, it shows that the audio input has reached its maximum level.

### 5. Processor Indicator Light

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

### 6. Power Input

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

### 7. Reset Key

Returns all processor settings to the manufacturer-defined parameters, which can be done by pressing and holding the key for 5 seconds.

### 8. Input Connection

Is where a high impedance signal is received from a player, mixer, mobile phone, etc.

### 9. Output Connection

The properly processed signal is sent to the amplifier.

## APP Installation

### For Android Device

With your Android Device connected to the Internet,



1. Using your Android device, scan the QR code.

PX-AP8.apk



2. Your Android device will now ask you to download the app. A warning will appear which normally happens when you download an app outside of Google Playstore. Just tap on "Download anyway" and your device will now download the application.



3. Once the installer has been successfully downloaded, your device will ask you if you want to install the app, just click "Install" then wait until installation is done.

### For iOS Device

With your iOS Device connected to the Internet,



1. Using your iOS device, scan the QR code.

Airplus App



2. It will direct you to App Store with the Airplus App. Tap "Get" then follow normal ios App installation process.

After installation, turn on your Bluetooth, run the App and pair your device with your PX-AP8 DSP unit.



Note : BT Connect Password Factory Default Setting: 000000

## NO POWER

- Use a multimeter to measure the voltage of the +12v terminal and the remote signal terminal.
- Use a multimeter to make sure that you have a negative ground connection.
- Check the built-in fuse (if there is one) on the amplifier.
- If there is no power coming through - Check the fuse on the power cable, if this is intact - make a full check of the wiring to ensure cable continuity.
- If all of the aforementioned steps have been checked or examined and everything appears to be in order but the amplifier is still not receiving power, consult your local dealer.

## NO SOUND

- Check your head unit to make sure no settings are limiting the amplifier functions.
- Check all signal cables.
- Check all speaker cables.
- Check all speakers.
- If all of the aforementioned steps have been checked or examined and everything appears to be in order but there is still no sound, consult your local dealer.

## UNWANTED NOISE

- Check your negative ground point and make sure that the surface is clean (review the installation section).
- Make sure that your signal cables or speaker cables are not too close to the power cables.
- If all of the aforementioned steps have been checked or examined and everything appears to be in order but the unwanted noise still persists, consult your local dealer.

## DISTORTION

- Check the speaker cables to make sure that the polarity is not reversed on any of the channels.
- Check the settings on the amplifier, make sure that the gain/level is set according to the instructions.
- Lower/turn off the boost function on the amplifier.
- Check all the speakers.
- If all of the aforementioned steps have been checked or examined and everything appears to be in order but the distortion still persists, consult your local dealer.

## PROTECTION

- The amplifier will activate its protection mode if is overheated. As soon as it attains the normal operating temperature, it will automatically turn back on.
- To prevent the amplifier from overheating, make sure to follow the installation instructions and leave enough space around the amplifier to optimize airflow.
- The protection mode is activated if the Ohm load is lower than the amplifier recommended load.
- Check all speakers and make sure that no leads or voice coils are damaged.
- Make sure all connections are as they should be and that no leads touch the amplifier chassis.
- If the input voltage is lower or higher than the amplifier limited range the amplifier will go in to protection mode.
- If all of the aforementioned steps have been checked or examined and everything appears to be in order but the amplifier is still in protection mode, consult your local dealer.



## EXCURSION LIMITED WARRANTY POLICY

EXCURSION Intl. offers limited warranty on EXCURSION products under normal use on the following terms:

**EXCURSION DSP & Amplifier are to be free of defects in material & workmanship for a period of one year.**

This warranty applies only to EXCURSION products sold to consumers by Authorized EXCURSION Dealers in Germany. Products purchased by consumers from an EXCURSION dealer in another country are covered only by that country's Distributor and not by EXCURSION Intl.

This warranty covers only the original purchaser of EXCURSION product. In order to receive service, the purchaser must provide EXCURSION with the receipt stating the consumer name, dealer, product and date of purchase.

Products found to be defective during the warranty period will be repaired or replaced (with a product deemed to be equivalent) at Excursion`s discretion and will not be liable for incidental or consequential damages. EXCURSION will not warranty this product under the following situations:

- \* **DSP and Amplifiers received with apparent rust or corrosion**
- \* **Any evidence of liquid damage or exposure to excessive heat**
- \* **Attempted repairs or alterations of any nature**
- \* **Product that has not been installed according to this owner manual**

Any implied warranties including warranties of fitness for use and merchantability are limited in duration to the period of the express warranty set forth above. No person is authorized to assume for EXCURSION any other liability in connection with the sale of this product.

**Please call prior your authorized EXCURSION dealer** the product got purchased. In case they are not accessible call 0961-416-0420 for EXCURSION Customer Service. You must obtain an RA# (Return Authorization Number) to return any product to EXCURSION Intl. The RA number must be prominently marked on the outside of the shipping carton or the delivery will be refused. Please pack your return carefully! We are not responsible for items damaged in shipping. Return the defective product along with a copy of the original dated retail sales receipt, plus 10,- EUR for handling and diagnostic evaluation to:

**EXCURSION Intl. - A Division of CHPW**  
**Attn: Returns (RA# ..... )**  
**Neustaedter Str. 20**  
**D-92685 Floss / Germany**



*...is all you need*

android 



 Store iOS



**EXCURSION - A Division of CHPW**

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Friedrich-Ebert-Str. 42 - D-92637 Weiden / Germany

