

User Manual



DPA260P



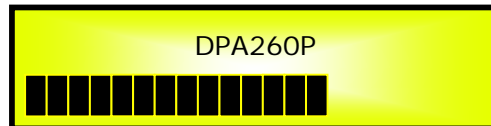
Described below are the functions of the front panel control buttons and encoders for the DPA260P .

- **Getting Started**

As soon as the DPA260P is turned ON the device model name will appear in the LCD screen:



and a status bar will show the progress of the DPA260P initialization process:



After the first time activation, the DPA260P will show on the LCD :



- ***Encoders and ENTER, ESC buttons***

The DPA260P is equipped with 3 Relative Encoders, "NAV/PM1", "PM2" and "PM3", These encoders allow you to navigate the user interface and edit sections of the processor. They allow the user to navigate within the screen for the selection of sub-menus, pages and parameters and to select the values to be assigned during the editing operations.

The "ENTER" and "ESC" buttons allow the user to confirm or NOT confirm the operations performed by the encoders.

- ***UTILITY, A/B and 1/2/3/4/5/6 buttons***

The UTILITY button allows the User to enter the Sub-menus and set the general characteristics of the Processor. The A and B buttons allow the User to enter the Editing Menus of the Processor's Input Channels and buttons 1, 2, 3, 4, 5, and 6 allow the User to enter the Editing Menus of the Processor's Output Channels.

The A and B buttons as well as the 1, 2, 3, 4, 5 and 6 buttons have double functions dependent on the push and hold time.

When the A and B buttons are pushed and held for more than one second Input Channels A or B are either muted or unmuted. The red LED will illuminate when the Channel is muted. When the "MUTE" LED is OFF, then the related Input Channel is UN-MUTED.

A momentary push of the A and B buttons enters the Editing Mode for the Input Channels (see later for the Input Channel Editing details).
The blue "EDIT" LED will now be ON.

When the 1, 2, 3, 4, 5 and 6 buttons are pushed and held for more than one second the Output Channels 1, 2, 3, 4, 5 and 6 are either muted or unmuted. The red LED will illuminate when the Channel is muted. When the "MUTE" LED is OFF, then the related Output Channel is UN-MUTED.

A momentary push of the 1, 2, 3, 4, 5 and 6 buttons enters the Editing Menu for the Output Channels (see later for the Output Channel Editing details). The blue "EDIT" LED will now be ON.

- ***DPA260P Menu and Sub-Menu Structures***

As stated above, the start-up default screen is the following factory preset:



From this point, sub-menus are accessed and exited using the UTILITY", "A/B", "1/2/3/4/5/6", "ENTER" and "ESC" buttons and all parameters and values are navigated by the "NAV/PM1", "PM2" and "PM3" encoders. Please refer to the following menu structures:

MENU "UTILITY MENU" [Access by pushing the "UTILITY" button]

NAV/PM1 Encoder

[to navigate between menus]

PM2 or PM3 Encoder

[to chose option, then ENTER to load it;
(*) indicates the selected option]

1 UTILITY MENU:.....

<< System Utilities >>

ENTER ↑ ESC

1.1 SYSTEM UTILITY:
<< Input Source >>

ESC
ENTER

Input Source
Source: Analog input
Source: Noise Gen

1.2 SYSTEM UTILITY:
<< Noise Generator >>

ESC
ENTER

Noise Generator
Type: Pink
Type: White
Lev: 0dB
:
Lev:-30dB

1.3 SYSTEM UTILITY:
<< Link Input L&R >>

ESC
ENTER

Link Input L&R
Link: Off
Link: On

1.4 SYSTEM UTILITY:
<< LINK CMP/LIM 1&2 >>

ESC
ENTER

LINK CMP/LIM 1&2
Link: off
Link: on

1.5 SYSTEM UTILITY:
<< LINK CMP/LIM 3&4 >>

ESC
ENTER

LINK CMP/LIM 3&4
Link: off
Link: on

1.6 SYSTEM UTILITY:
<< LINK CMP/LIM 5&6>>

ESC
ENTER

LINK CMP/LIM 5&6
Link: off
Link: on

1.7 SYSTEM UTILITY:
<< Set Output 1 Cmp/Lim >>

ESC
ENTER

Set Output 1 Cmp/Lim
Config : RMS Compressor
Config : Peak Limiter

1.8 SYSTEM UTILITY:
<< Set Output 2 Cmp/Lim >>

ESC
ENTER

Set Output 2 Cmp/Lim
Config : RMS Compressor
Config : Peak Limiter

1.9 SYSTEM UTILITY:
<< Set Output 3 Cmp/Lim >>

ESC
ENTER

Set Output 3 Cmp/Lim
Config : RMS Compressor
Config : Peak Limiter

1.10 SYSTEM UTILITY:
<< Set Output 4 Cmp/Lim >>

ESC
ENTER

Set Output 4 Cmp/Lim
Config : RMS Compressor
Config : Peak Limiter

1.11 SYSTEM UTILITY:
<< Set Output 5 Cmp/Lim >>

ESC
ENTER

Set Output 5 Cmp/Lim
Config : RMS Compressor
Config : Peak Limiter

1.12 SYSTEM UTILITY:
<< Set Output 6 Cmp/Lim >>

ESC
ENTER

Set Output 6 Cmp/Lim
Config : RMS Compressor
Config : Peak Limiter

1.13 SYSTEM UTILITY:
<< Delay Units >>

ESC
ENTER

Delay Units
Unit: Time(ms)
Unit: Distance (m)

1.14 SYSTEM UTILITY:
<< Set Default Value >>

ESC
ENTER

Set Default Value
[Enter] to confirm

1.15 SYSTEM UTILITY:
<< Firmware Version >>

ESC
ENTER

Firmware Version
Version: 1.0.6

2 UTILITY MENU:.....

<< Program Utilities >>

ENTER ↑ ESC

2.1 PROGRAM UTILITY:
<< Recall a Preset >>

ESC
ENTER

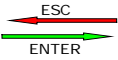
Recall a Program
P01: Empty Mempty
:
P48 Empty Mempty

2.2 PROGRAM UTILITY:
<< Save a Preset >>

ESC
ENTER

Save a Program
P01: Empty Mempty
:
P48: Empty Mempty

2.3 **PROGRAM UTILITY:**
 << Delete a Preset >>

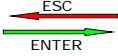


Delete a Program
P01: Empty Mempty
:
P48: Empty Mempty

3 UTILITY MENU:.....
 << Interface Utilities >>



3.1 **INTERFACE UTILITY:**
 Interface Setup



Interface Setup
Source = USB
Source = RS485 Remote ID Nun=1,...,32

4 UTILITY MENU:.....
 << Security Utilities >>



4.1 **SECURITY UTILITY:**
 Show Parameter



Parameter will
be shown
not be shown

4.2 **SECURITY UTILITY:**
 Lock Unit



Lock Unit
Locked Interface : Off
Locked Interface : On

4.3 **SECURITY UTILITY:**
 User Password



User Password
[]

4.4 **SECURITY UTILITY:**
 Enable Password



Enter Password
[]

MENU "Input A/B" Input Channels Editing [Access by pushing the "A/B" button]

NAV/PM1 Encoder

[to navigate between menus]

NAV/PM1 Enc.

[to chose values for the parameters, no need to confirm the chosen values, which are automatically loaded during the encoders use]

PM2 Enc.

PM3 Enc.

1. In-LR Input 1 Name
Name = [Name]

ENTER ↓ ↑ ESC

-> Name = Input 1

(For Editing the Device's Name, refer to the Details on the "Utility Menus Use" Section)

2. In-LR [Name] N.Gate
Bypass=On

ENTER ↓ ↑ ESC

-> Bypass=On

PM1/PM2 N/A.

Byp=On/Off

Thr=-90.0dBu ... -60 dBu

Rel=10ms ... 1000ms

Atk=1ms ... 1000ms

3. In-LR [Name] Gain
Gain = + 0.0 dB

ENTER ↓ ↑ ESC

-> Gain = + 0.0 dB

PM1/PM2 N/A.

PM2 -18 dB

PM3 0.1dB

:
+ 12dB
Step 1dB

:
0.9dB
Step 0.1dB

4. In-LR [Name] Phase
Phase=Normal

ENTER ↓ ↑ ESC

-> Phase=Normal

PM1/PM2 N/A.

Phase= Normal/Invert

5. In-LR [Name] Delay
Delay = 0.0000 ms

ENTER ↓ ↑ ESC

-> Delay = 0.0000 ms

PM1/PM2 N/A.

PM2 000.0000mS 0m
[1 ms steps]
900.0000mS

306m

PM3 000.0000mS 0m
[20.8 us steps]
000.9984mS 339m

6. In-LR [Name] RMS Cmp
Bypass=On

ENTER ↓ ↑ ESC

-> Bypass=On

PM1/PM2 N/A.

Byp=On/Off

Threshold=+16dBu ... -14dBu

Ratio =2:1 ... 100:1

Knee=0% ... 100%

Rel=0.1sec ... 3.0sec

Atk=5ms ... 200ms

7. In-LR [Name] EQ Byp
Bypass=On

ENTER ↓ ↑ ESC

-> Bypass=On

PM1/PM2 N/A N/A.

Byp=On/Off

9. In-LR [Name] EQ-X(01 to 11)

Byp=on/off Type=Peaking_Eq
ENTER ↑ ESC
↓
-> Byp=off Type=Peaking_Eq
Type=Peaking_Eq/ Hi -Shelv Q/ Lo-Shelv Q/

Type=Peaking_Eq

Type= Hi -Shelv Q

Type= Lo-Shelv Q

10. In-LR [Name] DLF
Bypass=On

ENTER ↑ ESC
↓
-> Bypass=On

PM2 N/A.

PM1/PM2 N/A.
PM1/PM2 N/A.

PM1/PM2 N/A.
PM1/PM2 N/A.

PM1 /PM2N/A.
PM1/PM2 N/A.

Byp=On/Off

Freq=20Hz ... 20000Hz
Gain=-12dB ... +12dB Q=0.4 ... 128

Freq=20Hz ... 20000Hz
Gain=-12dB ... +12dB Q=0.1 ... 5.1

Freq=20Hz ... 20000Hz
Gain=-12dB ... +12dB Q=0.1 ... 5.1

PM1/PM2 N/A.

Byp=On/Off %Boost=0.....100

Freq=20Hz ... 20000Hz Q=1.00 ... 9.90

MENU "Output 1/2/3/4/5/6" Output Channels Editing [Access by pushing the "1/2/3/4/5/6" button]

NAV/PM1 Encoder

[to navigate between menus]

output [1~6]

1. Output[x] [Name] Name
Name = [Name]

ENTER ↓ ↑ ESC

-> Name = _

NAV/PM1 Enc.

[to chose values for the parameters, no need to confirm the chosen values, which are automatically loaded during the encoders use]

PM2 Enc.

PM3 Enc.

(For Editing the Device's Name, refer to the Details on the "Utility Menus Use" Section)

2. Output[x] [Name] Routing
Source = output L

ENTER ↓ ↑ ESC

-> Source = output L

PM1/PM2 N/A

InL (Channel L)
InR (Channel R)
InL+InR(Channel L+ Channel R)

Same as PM2

3. Output[x] [Name] Gain
Gain = + 0.0 dB

ENTER ↓ ↑ ESC

-> Gain = + 0.0 dB

PM1/PM2 N/A

-18 dB
:
+18dB
Step 1dB
0.1dB
:
0.9dB
Step 0.1dB

4. Output[x] [Name] Phase
Phase=Normal

ENTER ↓ ↑ ESC

-> Phase=Normal

PM1/PM2 N/A.

Phase= Normal/Invert

5. Output[x] [Name] Delay
Delay = 0.0000 ms

ENTER ↓ ↑ ESC

-> Delay = 0.0000 ms

PM1/PM2 N/A

000.0000mS
[1 ms steps]
340.0000mS 115m
000.0000mS
[20.8us steps]
000.9984Ms 939m

6. Output[x] [Name] RMS Cmp
Bypass=On

ENTER ↓ ↑ ESC

-> Bypass=On

PM1/PM2 N/A.
PM1/PM2 N/A.
PM1/PM2 N/A.
PM1/PM2 N/A.

Byp=On/Off
Threshold=+16dBu ... -14dBu
Ratio =2:1 ... 100:1 Knee=0% ... 100%
Rel=0.1sec ... 3.0sec Atk=5ms ... 200ms

7. Output[x] [Name] HPF
20.0 Hz Bypass

ENTER ↓ ↑ ESC

-> 20.0 Hz Bypass

PM1/PM2 N/A

[Freq.] 20Hz
:
20kHz
[Type/Slope] Bypass
:
LR -48 dB /Oct

Slope=Bypass/ BW -6 dB/Oct / BW -12 dB/Oct / LR -12 dB/Oct / BS -12 dB/Oct / BW -18 dB/Oct / BW -24 dB/Oct / LR -24 dB/Oct / BS -24 dB/Oct / BW -36 dB/Oct / LR-36 dB/Oct / BW -48 dB/Oct / LR-48 dB/Oct /

8. Output[x] [Name] LPF
20.0 Hz Bypass

ENTER ↓ ↑ ESC

-> 20.0 Hz Bypass

PM1/PM2 N/A

[Freq.] 20Hz
:
20kHz
[Type/Slope] Bypass
:
LR -48dB/Oct

Slope=Bypass/ BW -6 dB/Oct / BW -12 dB/Oct / LR -12 dB/Oct / BS -12 dB/Oct / BW -18 dB/Oct / BW -24 dB/Oct / LR -24 dB/Oct / BS -24 dB/Oct / BW -36 dB/Oct / LR-36 dB/Oct / BW -48 dB/Oct / LR-48 dB/Oct /

9. Output[x] [Name] EQ Byp
Bypass=On

ENTER ↓ ↑ ESC
-> Bypass=On

PM1/PM2 N/A.

Byp=On/Off

10. Output[x] [Name] PEQ-XX(00 to 07)
Byp=on Type=Peaking_Eq

ENTER ↓ ↑ ESC
-> Byp=on Type=Peaking_Eq
Type=Peaking_Eq/ Hi -Shelv Q/ Lo-Shelv Q/

PM2 N/A.

Byp=On/Off

Type=Peaking_Eq

PM1/PM2 N/A.
PM1/PM2 N/A.

Freq=20Hz ... 20000Hz
Gain=-12dB ... +12dB Q=0.4 ... 128

Type= Hi -Shelv Q

PM1/PM2 N/A.
PM1/PM2 N/A.

Freq=20Hz ... 20000Hz
Gain=-12dB ... +12dB Q=0.1 ... 5.1

Type= Lo-Shelv Q

PM1/PM2 N/A.
PM1 /PM2N/A.

Freq=20Hz ... 20000Hz
Gain=-12dB ... +12dB Q=0.1 ... 5.1

11.Output[x] [Name] Dyn Filt
Bypass=On

ENTER ↓ ↑ ESC
-> Bypass=On

PM1/PM2 N/A.

Byp=On/Off Att=0.0..... -6.0db
Freq=20Hz ... 20000Hz Q=1.00 ... 9.90

- **Menu “UTILITY” [access by pushing the “UTILITY” button]**

From the “Default Screen”, it is possible access the “UTILITY” menu pushing the “UTILITY” button and the Sub-Menus pages can be selected just rotating clockwise and counter-clockwise the “NAV/PM1” encoder.

Once selected the sub-menu page, using the “ENTER” button can be accessed the Sub-Menus pages, again “scrollable” using the “NAV/PM1” encoder and accessible for the parameters' editing pushing again the “ENTER” button.

Through the “ESC” button, it is any time possible to go back to the action and page operation preceding the “ENTER” button use.

Once inside the Sub-Menus pages, the several options can be scrolled by rotating the “PM2” or “PM3” encoders and selected/confirmed by pushing the “ENTER” button.

System Utilities Sub-menu – this sub-menu allows to access several operations related to the DPA260P Start Up and General Configuration:



From the “System Utilities Sub-menu”, pushing “ENTER” and then using the “NAV/PM1” encoder for scrolling will give access to the following pages:

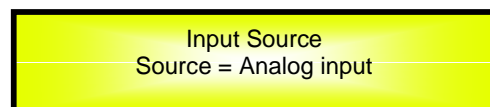
- **Input Source:** the DPA260P is equipped with 2 Analog Inputs (Balanced Female XLR) and noise generator
The “Input Source” page allows you to select the desired Input type:



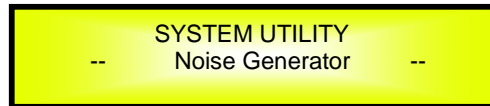
By pressing “ENTER” button on Input Source and then rotating the “PM2” or “PM3” encoders, it is possible to select the Main Inputs for the DPA260P, allowing the User to choose between Analog or Noise Generator.

The selection can be confirmed by pressing the “ENTER” button.

The following screen shows that the Analog Input has been selected:

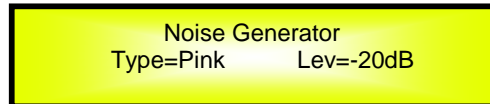


- **Noise Generator:** DPA260P equips with 2 types of noise generator: White Noise and Pink Noise.

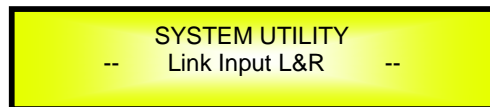


By pressing "ENTER" button and rotating the "PM2" encoder, it is possible to select between those 2 choice: "Pink" or "White". By rotating the "PM3" encoder, it is possible to set the value of level of white noise generator and pink noise generator, with whose range from 0dB to -30dB.

The following screen shows the selected pink noise with level of -20dB:



- **Link Input L&R:** In this page, user can choose Input Link, to making it more convenient for editing:

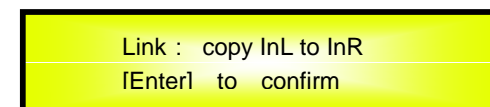


By pressing "ENTER" button and rotating the "PM2" or "PM3" encoder, it is possible to choose between "On" or "Off".

The following screen shows that "Link = On" has been selected:



By pressing "ENTER" button, it will display a confirm page as the following screen shows:



By pressing "ENTER" button one more time, it will display as following in the screen:



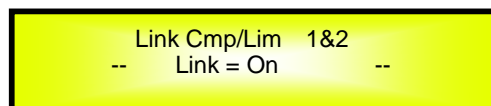
Wait for 1 sec until the setting is completed. Then the Input Link is activated. When Link=On, if edit any one of the 2 channels, the other one would be under the same edit.

- **Link Cmp/Lim 1&2:** In this page, user can choose Output 1&2 to enter into the stereo mode:

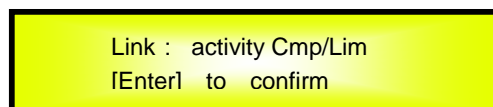


By pressing ENTER and rotating the “PM2” or “PM3” encoder, it is possible to choose between “On” or “Off”.

The following screen shows that “Link = On” has been selected:



By pressing “ENTER” button, it will display a confirm page as the following screen shows:

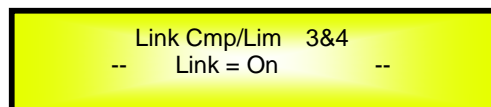


Link Cmp/Lim 3&4: In this page, user can choose Output 3&4 to enter into the stereo mode:

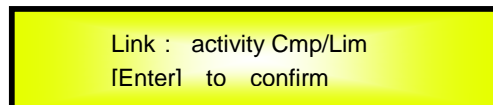


By pressing ENTER and rotating the “PM2” or “PM3” encoder, it is possible to choose between “On” or “Off”.

The following screen shows that “Link = On” has been selected:



By pressing “ENTER” button, it will display a confirm page as the following screen shows:



Link Cmp/Lim 5&6: In this page, user can choose Output 5&6 to enter into the stereo mode:



By pressing ENTER and rotating the “PM2” or “PM3” encoder, it is possible to choose between “On” or “Off”.

The following screen shows that “Link = On” has been selected:



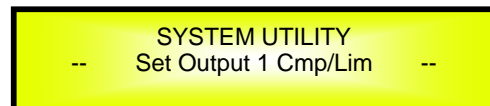
Link Cmp/Lim 5&6
-- Link = On --

By pressing “ENTER” button, it will display a confirm page as the following screen shows:



Link : activity Cmp/Lim
[Enter] to confirm

Set Output 1 Cmp/Lim: In this page, user can choose Output 1 to use Compressor or Limiter:



SYSTEM UTILITY
-- Set Output 1 Cmp/Lim --

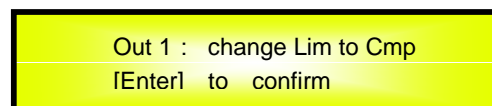
By pressing ENTER and rotating the “PM2” or “PM3” encoder, it is possible to choose between “RMS Compressor” or “Peak Limiter”.

The following screen shows that “Config = Peak Limiter” has been selected:



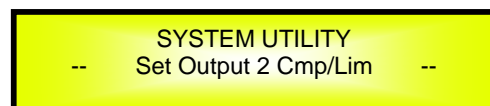
Set Output 1 Cmp/Lim
-- Config =Peak Limiter -

By pressing “ENTER” button, it will display a page to confirm if the Peak Limiter of Output 1 is changed to RMS Compressor as the following screen shows:



Out 1 : change Lim to Cmp
[Enter] to confirm

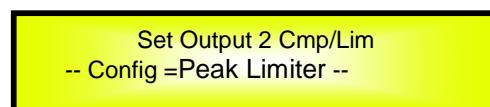
Set Output 2 Cmp/Lim: In this page, user can choose Output 2 to use Compressor or Limiter:



SYSTEM UTILITY
-- Set Output 2 Cmp/Lim --

By pressing ENTER and rotating the “PM2” or “PM3” encoder, it is possible to choose between “RMS Compressor” or “Peak Limiter”.

The following screen shows that “Config = Peak Limiter” has been selected:



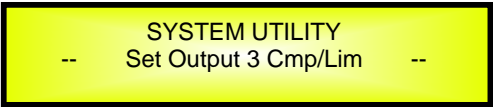
Set Output 2 Cmp/Lim
-- Config =Peak Limiter --

By pressing "ENTER" button, it will display a page to confirm if the Peak Limiter of Output 2 is changed to RMS Compressor as the following screen shows:



Out 2 : change Lim to Cmp
[Enter] to confirm

Set Output 3 Cmp/Lim: In this page, user can choose Output 3 to use Compressor or Limiter:



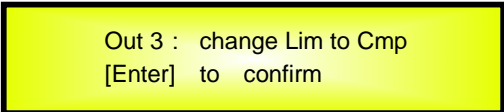
SYSTEM UTILITY
-- Set Output 3 Cmp/Lim --

By pressing "ENTER" button and rotating the "PM2" or "PM3" encoder, it is possible to choose between "RMS Compressor" or "Peak Limiter".
The following screen shows that "Config = Peak Limiter" has been selected:



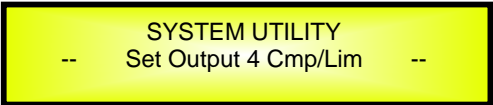
Set Output 3 Cmp/Lim
-- Config =Peak Limiter--

By pressing "ENTER" button, it will display a page to confirm if the Peak Limiter of Output 3 is changed to RMS Compressor as the following screen shows:



Out 3 : change Lim to Cmp
[Enter] to confirm

Set Output 4 Cmp/Lim: In this page, user can choose Output 4 to use Compressor or Limiter:



SYSTEM UTILITY
-- Set Output 4 Cmp/Lim --

By pressing ENTER and rotating the "PM2" or "PM3" encoder, it is possible to choose between "RMS Compressor" or "Peak Limiter".
The following screen shows that "Config = Peak Limiter" has been selected:



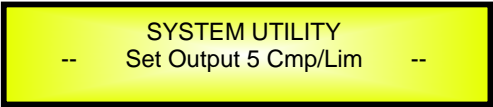
Set Output 4 Cmp/Lim
-- Config =Peak Limiter --

By pressing "ENTER" button, it will display a page to confirm if the Peak Limiter of Output 4 is changed to RMS Compressor as the following screen shows:



Out 4 : change Lim to Cmp
[Enter] to confirm

Set Output 5 Cmp/Lim: In this page, user can choose Output 5 to use Compressor or Limiter:



SYSTEM UTILITY
-- Set Output 5 Cmp/Lim --

By pressing ENTER and rotating the "PM2" or "PM3" encoder, it is possible to choose between "RMS Compressor" or "Peak Limiter".

The following screen shows that "Config = Peak Limiter" has been selected:



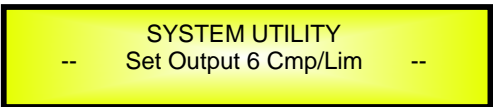
Set Output 5 Cmp/Lim
-- Config = Peak Limiter --

By pressing "ENTER" button, it will display a page to confirm if the Peak Limiter of Output 5 is changed to RMS Compressor as the following screen shows:



Out 5 : change Lim to Cmp
[Enter] to confirm

Set Output 6 Cmp/Lim: In this page, user can choose Output 6 to use Compressor or Limiter:



SYSTEM UTILITY
-- Set Output 6 Cmp/Lim --

By pressing ENTER and rotating the "PM2" or "PM3" encoder, it is possible to choose between "RMS Compressor" or "Peak Limiter".

The following screen shows that "Config = Peak Limiter" has been selected:



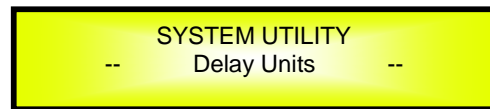
Set Output 6 Cmp/Lim
-- Config =Peak Limiter --

By pressing "ENTER" button, it will display a page to confirm if the Peak Limiter of Output 6 is changed to RMS Compressor as the following screen shows:



Out 6 : change Lim to Cmp
[Enter] to confirm

- **Delay Time/Distance:** this page allows you to select the measurement unit to be used for the Delays: **Time** (in milliseconds “ms”) or **Distance** (in meters “m”):

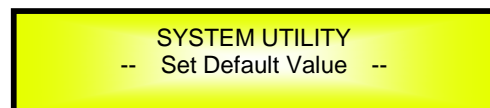


By pressing ENTER button and rotating the “PM2” or “PM3” encoder, it is possible to select the measurement unit to be used for the delay, which will be confirmed by pushing the ENTER button.

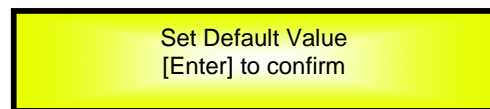
The following screen shows the selected delay measurement is Time (milliseconds)



Set Default Value: All setting for DPA260P can be set to default value:



By pressing ENTER button, will show up the following screen of an interface to confirm to set the default value:



By pressing “ENTER” button one more time, will show up the following screen:



Wait around 3 sec for the processor set to the default value.

- **Firmware Version:** this page allows you to confirm the Firmware Version running on the DPA260P:



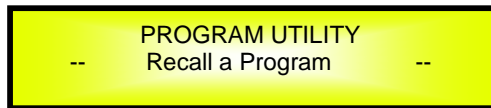
The correct Version is "V1.0.6"

Program Utilities Sub-menu – this sub-menu allows you to access several options related to the DPA260P operating mode and to manage the presets stored and recallable within the Unit:

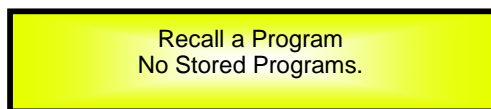


By pressing the ENTER button and then using the "NAV/PM1" encoder to scroll, the following pages can be accessed:

- **Recall a Program:** this page allows the Loading of a preset program. You can store up to 48 presets in the DPA260P memory:



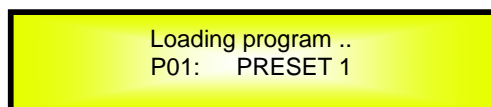
By pressing ENTER and rotating the "NAV/PM1" encoders, it is possible to scroll through all current available presets.
If NO USER PRESETS are stored yet, the screen will show the following:



If presets have previously been stored by the user, anyone of them can be recalled:



By using the "NAV/PM1" encoder it is possible to scroll through the stored presets. Once the desired preset appears on the screen, select it by pressing the "ENTER" button and this will force the DPA260P to begin to load this selected preset and the following transitory screen will appear:



Once loaded the DPA260P will exit to the "Recall a Program" screen automatically and the

above screen will disappear:



Note: at any time it is possible to quit the recalling action by pressing the “ESC” button.

- **Save a Program:** this page allows you to store a new preset in the DPA260P’s memory:



By pressing the ENTER button and rotating the “NAV/PM1” encoder, it is possible to scroll through the previously saved presets or the available empty locations (identified by “Program empty”).

If no user presets are stored, the “Save a Program” screen will show empty memory locations for all 1-48 presets as shown in the example below for location 10:



When storing an edited configuration for the DPA260P , select the location for a preset from the **48 available** by using the “NAV/PM1” encoders.

Once the desired location appears on the screen press ENTER button again to reach the “**Edit Program Name**” page.

In this page the User can enter a Preset Name (**up to 16 Characters**) by using the “PM3” encoder to choose a character and the “PM2” encoder to move between the 16 available locations for the character’s positioning.

The current position of the cursor is shown by a “blinking underscore”.

The following is an example of a screen while entering the preset name “Stage 1 2x2” in location 10:



To store the Preset Name press the “ENTER” button again.

The above action will take you to the “**Enter to Save**” page showing the selected location for the preset and the final edited name:



Pressing "ENTER" again, will store the preset in the selected location with the chosen name and the following transitory screen will appear on the LCD:

Saving to Memory.....
P10: Stage 1 2x2

Once the preset is stored, the above screen will disappear returning to the following screen:

PROGRAM UTILITY
-- Save a Program --

If during the Preset Storing process you want to overwrite an existing memory location select this location in the "**Set Program Name**" page, then press ENTER button and you will be asked if you want to overwrite this preset with the following "[ENTER] to Overwrite" screen displaying the currently stored preset and location:

[Enter] to Overwrite
P10: Stage 1 2x2

If you wish to proceed press "ENTER" again and the DPA260P will go ahead with the "**Set Program Name**" page and the subsequent overwrite on completion of the previously described storing process..

Note: at any time it is possible to quit the storing action by pressing the "ESC" button.

- **Delete a Program:** this page allows you to delete a preset already stored in the DPA260P memory:

PROGRAM UTILITY
-- Delete a Program --

By pressing the ENTER button and rotating the "NAV/PM1" encoder, it is possible to scroll through the previously saved presets and the available empty locations (identified by "Program empty").

If no user presets are stored, the "Delete a Program" screen will show empty memory locations for all 1-48 presets as shown in the example below for location 10:

Delete a Program
P10: Program empty

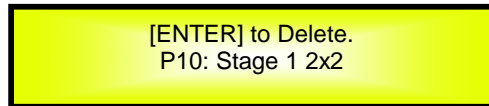
If Presets are available they will be shown in the "Delete a Program" page as follows:

Delete a Program
P10: Stage 1 2x2

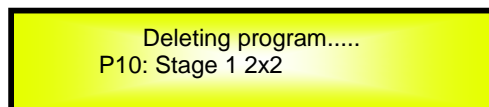
By using the “NAV/PM1” encoder it is possible to select a preset to be deleted.

Pressing the “ENTER” button on a selected preset will bring up the “[Enter] to Delete.” page showing the selected preset.

For example, if we want to delete the preset 10, “Stage 1 2x2”, the screen will be the following:



Confirming the deletion by pressing “ENTER” again, will force the DPA260P to erase the selected preset and the following transitory screen will appear:



Once the preset is deleted, the above screen will disappear returning to the following screen:



Note: At any time it is possible to quit the deleting action by pressing the “ESC” button.

Interface Utilities Sub-menu – this sub-menu allows you to define the remote control interface [USB or RS485] to be used for controlling the DPA260P:



From “Interface Utilities”, press “ENTER” button to access the Interface Setup.

- **Interface Setup:** this screen allows you to choose the communication source for the DPA260P’s.



By using the “PM2” or “PM3” encoder you can choose between the two possible interfaces

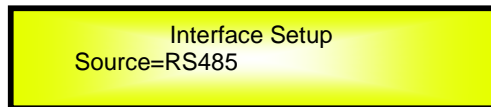
(USB or RS485) for the DPA260P.

If select RS485, select the ID by using "PM2/PM3" encoder, with the range from 01 to 32.

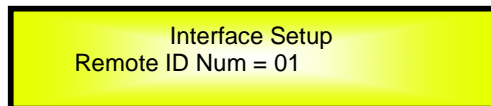
The following screen displaying the currently selected interface as USB:



The following screen displaying the currently selected interface as RS485:



User can select the ID by using "PM2/PM3" encoder:



Security Sub-menu – this sub-menu allows the User to set the parameters shown, lock the DPA260P and set a Password therefore limiting the unit's functions and controls to those who have only access to the appropriate Password.



Press ENTER and then use the "NAV/PM1" encoder to scroll between options.

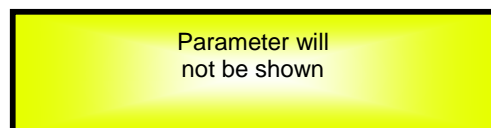
- **Show Parameter:** Pressing ENTER button from the above menu will access the "Show Parameter" Sub Menu



Press ENTER button again and use the PM2 or PM3 encoders to select between "be shown" or "not be shown" options.

Choosing the "be shown" option means that once the unit is locked, you cannot access parameter editing features, but they will be displayed on the LCD screen.

Choosing the "not be shown" option means that once the unit is locked, the parameters will not be shown at all. With this option, when trying to access a parameter, the following screen message will appear:



- **Lock Unit:** this sub-menu allows the user to lock the device so no parameters can be edited or modified.



When the Unit is in an unlocked condition, all parameters will be available for editing. When you select On, all parameters will be locked and are not available for editing.

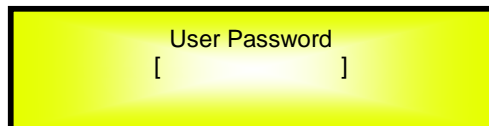


When you select lock from the menu, the unit will be locked and the lock menu automatically exited. The screen will revert to the "Default" showing the current XOVER configuration and the preset selected and beside the preset's name a "keylock" icon indicating that the DPA260P is locked.

- **User Password:** from the "User Password" sub-menu:



Press "ENTER" button to access the "**User Password**" page:



Use the "PM1" encoder to move between available locations, and the "PM2" or "PM3" encoder to choose a character. The current position of the cursor for the characters to be entered is shown by a "blinking underscore".

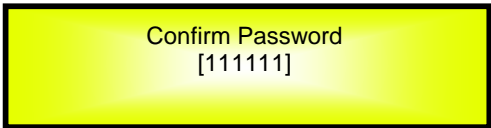


Input the original password "000000" for the DPA260P, and press ENTER button, will access to the "**New Password**" Page. Use the PM1 encoder to move between available locations, and rotate the PM2/PM3 encoder to edit a 6-position new password. The following screen is the example with the new password after edition is "111111"



Press the ENTER button again, will access the "**Confirm password**" page, use the "PM2"

encoder to move between available locations and rotate “PM3” encoder to choose a character, input the new password edited just now.
The following screen is the example with typing in new password “111111” edited just now.



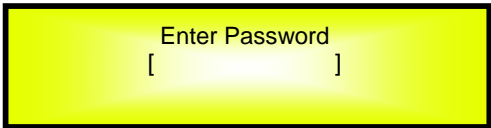
Press the “ENTER” button one more time, the new password will be set successfully.

- **Enable Password:** from the “Enable Password” sub-menu:

There’s limitation to the editing function if the DPA260P is locked with password. All functions for this unit are banned, including MUTE A/B and MUTE 1/2/3/4/5/6 buttons.



Press “ENTER” to gain access to the “**Enter Password**” screen:



Use the “PM1” encoder to move between available locations, and rotate “PM2” or “PM3” encoder to select characters. If the password of this DPA260P never modified, input the default password “000000”, the unit will be locked. In this case, default screen will show a “Key” icon, user cannot enter into the sub-menu, unless he holds the password.

- **Menu “Input A/B” Input Channels Editing [access by pushing the “A/B” buttons]**

From the “Default Screen”, it is possible to access the “Input A/B” menu by pushing the “A” or “B” button. Once the button is pressed, the related blue “EDIT” LED will turn ON. The Sub-Menu pages can now be scrolled through by rotating clockwise and counter-clockwise the “NAV/PM1” encoder.

For parameter editing it is necessary to press ENTER button and an arrow will appear on the left of the screen “->”. Then use the “PM2” and “PM3” encoders for editing and setting the parameter values. On some parameters that have three independent values, you will also need to use the “NAV/PM1” encoder, eg filter parameter settings.

Note: All options can be done using the “NAV/PM1”, “PM2”, and “PM3” encoders and the current shown value of the selected option is AUTOMATICALLY loaded during the encoders' use and stored as the current value once leaving the page.

Audio Signal Input (A/B) Path Block Scheme



Name page – from this screen, it is possible to assign input channel a name with 6 characters. For example, name the Input A as “In L” in the Name Page:

```

In-LR:  Input 1    Name
Name    = Input 1
  
```

By pressing ENTER in the Name page, user can edit the name, and there will be an arrow, as the following screen shows:

```

In-LR:  Input 1    Name
->Name  = Input 1
  
```

The first character will flash.

Select character from these 6 positions by rotating “PM1” encoder and choose the desired characters by rotating “PM2” or “PM3” encoder. Once the new name is defined, for example, “In L”, confirm this new name by pressing ENTER... A new name will display on the screen, after replaced the old one.

The following screen is shown with the new name “In L”, by replacing the previous one “Input 1”

```

In-LR::  InL      Name
Name     = In L
  
```

N.Gate page– from this page, it is possible to set the Input Channels Noise Gate. Noise gate can be set as “ON” or “OFF” status. The following screen is the selected “ON” status:

In-LR:	Name	N.Gate
Bypass	=	On

By pressing ENTER button in this page, an arrow “->” will show up on the left of the screen, and enter into the setting interface 1 of the noise gate:

In-LR:	Name	N.Gate
->Byp=On		Thr=-80.0dBu

By using the “PM2” encoder, it is possible to set the noise gate as “ON” or “OFF”. By using the “PM3” encoder, it is possible to select its attack threshold from -90dBu to -60dBu.

By rotating “NAV/PM1” encoder, user can enter into the setting interface 2 of the noise gate:

In-LR:	Name	N.Gate
->Rel=50ms		Atk=3ms

By using “PM2” encoder, user can set noise gate release time: from 10ms to 1000ms, and using “PM3” encoder to set noise gate attack time: from 1ms to 1000ms.

Gain page – from this screen it is possible to set the Input Channels Level from -18dB to +12dB, press “ENTER” button, an arrow will appear on the left of the screen “->” then use the “PM2” or “PM3” to set parameters.

The value set on this screen will only affect the input level of the selected Channel A or B.

The following is an example screen for the “Gain” page that has set the Gain of Input Channel A to +0.0dB:

In-LR	Name	Gain
-> Gain	=	0.0dB

Phase page– from this page, it is possible to set input channels phase as “Normal” or “Invert”. The following is an example screen of “Normal” Phase:

In-LR:	Name	Phase
Phase	=	Normal

By pressing ENTER button in this page, an arrow will appear on the left of the screen “->”. then use the “PM2” or “PM3” encoder for setting “Normal” or “Invert” Phase.

Delay page – from this page it is possible to set the Input Channels Delay Time from 000.0000mS up to 900.9984mS, by steps of 1mS or 20.8uS.

To set the Delay time press “ENTER” button, an arrow will appear on the left of the screen “->”. then use the “PM2” encoder to set the Delay Time in steps of 1mS and the “PM3” for setting the “fine” Delay Time in steps of 0.07 microseconds.

The following is an example screen for the “Delay” page where the Delay Time of Input Channel A is set to 160.1872mS:

In-LR	Name	Delay
-> Delay	=	160.1872mS

RMS Cmp page– from this page, it is possible to set RMS Compressor for input channels. RMS Compressor can be set as “ON” or “OFF” status. The following is an example screen of “ON” status:

In-LR:	Name	RMS Cmp
	Bypass	= On

By pressing “ENTER” button in this page, an arrow will appear on the left of the screen “->”. Then enter into the setting interface 1 of RMS Compressor.

In-LR:	Name	RMS Cmp
->	Bypass	= On

RMS compressor status can be set as “ON” or “OFF” by using “PM2” or “PM3” encoder.

Press the “ENTER” button, and by rotating “NAV/PM1” encoder, user can enter into setting interface 2 of RMS Compressor:

In-LR:	Name	RMS Cmp
->	Threshold	= +16.0dBu

RMS Compressor attack threshold can be set with “PM2” or “PM3” encoder, with its range from -14dBu to +16dBu.

By rotating “NAV/PM1” encoder one more time, user can enter setting interface 3 of RMS Compressor:

In-LR:	Name	RMS Cmp
->	Ratio =100:1	Knee =0%

RMS Compressor ratio can be set by “PM2” encoder, with its range from 2:1 ~ 100:1. RMS Compressor knee can be set by “PM3” encoder, with its range from 0% ~ 100%.

By rotating “NAV/PM1” encoder once again, user can enter setting interface 4 of RMS Compressor:

In-LR:	Name	RMS Cmp
->	Rel =0.1sec	Atk =5ms

RMS Compressor release time can be set by “PM2” encoder, with its selectable range from 0.1s ~ 3s, and its attack time can be set by “PM3” encoder from 5ms ~ 200ms.

EQ Byp page – in this page, it is possible to set EQ Bypass of input channels, with its selectable status of “ON” and “OFF”. Following is the example screen as Bypass ON:

In-LR:	Name	EQ Byp
	Bypass	= On

By pressing "ENTER" button in this page, an arrow will appear on the left of the screen "->", then enter setting interface of EQ Bypass:

In-LR:	Name	EQ Byp
->	Bypass=On	

By using "PM2" or "PM3" encoder, user can set the EQ Bypass as "ON" or "OFF".

EQ-[xx] (01to11) page – In this page, it is possible to set 11 available parametric equalization filters for input channels, with each parametric equalization filters can be selected as BELL, Shevling filter.

In-LR:	Name	EQ-01
Byp=Off	Type=Peaking_Eq	

When EQ Bypass is set as "OFF", by pressing ENTER in any parametric equalization page, an arrow will appear on the left of the screen "->", then enter setting interface 1 of parametric equalization filter:

In-LR:	Name	EQ-01
->	Byp=Off	Type=Peaking_Eq

By using "PM2" encoder, it is possible to set the flat on or off for the current parametric equalization filter. By using "PM3" encoder, user can set the current parametric equalization filter's type, selectable as **Peaking_Eq/ Hi -Shelv Q/ Lo-Shelv Q/**

When the parametric equalization filter is selected as Peaking Eq, by rotating "NAV/PM1" encoder again, user can enter the setting interface 2 of current input parametric equalization filter:

In-LR:	Name	EQ-01
->	Freq =	20Hz

By using "PM2" or "PM3" encoder, it is possible to set current input PEQ filter's frequency from the range of 20Hz to 20kHz.

By rotating "NAV/PM1" encoder again, user can enter the setting interface 3 of current input parametric equalization filter:

In-LR:	Name	EQ-01
->	Gain=0.0dB	Q=0.40

By using "PM2" encoder, user can set the gain of current parametric equalization filter from -12.0dB to +12.0dB, and by using "PM3" encoder, it is possible to set the Q factor of current parametric equalization filter from 0.40 to 128.

When the parametric equalization filter is selected as Hi-Shelv Q/ Lo-Shelv Q, by rotating "NAV/PM1" encoder again, user can enter the setting interface 4 of current input parametric

equalization filter:

In-LR:	Name	EQ-01
->Freq =	20Hz	

By using "PM2" or "PM3" encoder, it is possible to set current input PEQ filter's frequency from the range of 20Hz to 20kHz.

By rotating "NAV/PM1" encoder again, user can enter the setting interface 5 of current input parametric equalization filter:

In-LR:	Name	EQ-01
->Gain=0.0dB	Q=0.1	

By using "PM2" encoder, user can set the gain of current parametric equalization filter from -12dB to +12dB, with the "PM3" encoder, user can set the current Q value of the current parametric equalization from 0.1 to 5.1

DLF page –In this page, it is possible to bypass the dynamic filter for input channels, with bypass can be set as "On" or "Off". The following screen is an example when bypass is on:

In-LR:	Name	DLF
Bypass =	On	

By pressing ENTER in this page, an arrow will appear on the left of the screen "->", then enter setting interface of dynamic filter bypass. Use "PM2" encoder to set the dynamic filter bypass as "On" or "Off" and use the "PM3" encoder to set the ratio (%Boost = 0~100):

In-LR:	Name	DLF
->Bypass=On	%Boost = 0	

By rotating the "NAV/PM1", it is possible to enter into the frequency point (20-20kHz) of the dynamic filter:

In-LR:	Name	DLF
->Freq =	5000Hz	

By rotating the "NAV/PM1", it is possible to enter into the bandwidth (Q= 1.00 ~ 9.90) of the dynamic filter:

In-LR:	Name	DLF
->Q =	4.00	

Note 1: If selected the desired options by using 3 encoders, the option would be set as a current one for the unit automatically, and will be stored in the DPA260P system when you exit the page.

Note 2: By pressing "ESC" button, you can exit the page any time.

- Menu “Output 1/2/3/4/5/6” Output Channels Editing [access by pushing the “1/2/3/4/5/6” buttons]

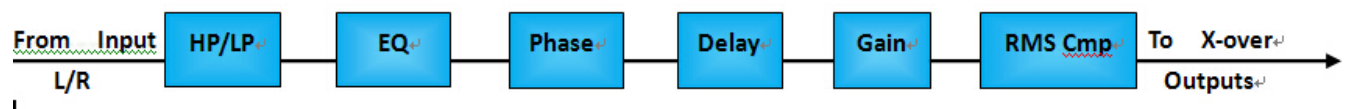
From the “Default Screen”, it is possible to access the “Output 1/2/3/4/5/6” menu by pressing the “1” or “2” or “3” or “4” or “5” or “6” button. Once pressed, the related blue “EDIT” LED will turn ON.

The Sub-Menus pages can now be scrolled through by rotating clockwise and counter-clockwise the “NAV/PM1” encoder.

For parameter editing it is necessary to press ENTER and an arrow will appear on the left of the screen “->”. Then use the “PM2” and “PM3” encoders for selecting and setting the parameter values. On some parameters that have three independent values, you will also need to use the PM1 encoder, for example for the filter’s parameter setting.

Note: All parameter editing can be done using the “NAV/PM1”, “PM2”, and “PM3” encoders and the current shown value of the selected option is AUTOMATICALLY loaded during the encoders' use and stored as the current value once leaving the page.

Audio Signal Output (1/2/3/4/5/6) Path Block Scheme



Name page – from this screen, it is possible to assign output channel a name with 6 characters. For example, name the Output 1 as “Low” in the Name Page:

Out1: Low Name
Name = Low

By pressing ENTER in the Name page, user can edit the name, and there will be an arrow, as the following screen shows:

Out1: Low Name
-> Name = Low

The first character will flash.

Select character from these 6 positions by using “PM2” encoder and choose the desired characters by rotating “PM3” encoder. Once the new name is defined, for example, “Sub”, confirm this new name by pressing ENTER... A new name will display on the screen, after replaced the old one. The following screen is shown with the new name “Sub”, by replacing the previous one “Low”

Out1: Sub Name
Name = Sub

Routing page – in this page, it is possible to assign input to any output channel:

- Input L
- Input R
- InL + In R

Below is a screen display of "Source", presenting the example that to assign Input L to Output 1:

Out-1	Out-1	Routing
Source	=	Input L

By pressing "ENTER" button, an arrow will appear on the left of the screen "->". By using the "PM2" or "PM3" encoder, user can select input.

Gain page – from this screen it is possible to set the Output Channels Level from -18dB to +18dB, press ENTER an arrow will appear on the left of the screen "->" then use the "PM2" or "PM3" to set parameters.

The value set on this screen will only affect the output level of the selected Channel 1/2/3/4/5/6. The following is an example screen for the "Gain" page that has set the Gain of Output Channel 1 to +0.0dB:

Out-1	Name	Gain
-> Gain	=	+ 0.0dB

Phase page– from this page, it is possible to set output channels phase as "Normal" or "Invert". The following is an example screen of "Normal" Phase:

Out-1:	Name	Phase
Phase	=	Normal

By pressing ENTER in this page, an arrow will appear on the left of the screen "->". then use the "PM2" or "PM3" encoder for setting "Normal" or "Invert" Phase.

Delay page – from this page it is possible to set the Output Channels Delay Time from 000.0000mS up to 340.9984mS, by steps of 1mS or 20.8us.

To set the Delay time press ENTER, an arrow will appear on the left of the screen "->". then use the "PM2" encoder to set the Delay Time in steps of 1mS and the "PM3" for setting the "fine" Delay Time in steps of 10.4 microseconds.

The following is an example screen for the "Delay" page where the Delay Time of Output Channel 1 is set to 160.1872mS:

Out-1	Name	Delay
-> Delay	=	160.1872mS

RMS Cmp page – from this page it is possible to set the Output Channels RMS Compressor. RMS Compressor can be set as “ON” or “OFF”. The following is an example screen for the Limiter page where it is ON:

Out-1	Name	RMS Cmp
Bypass = On		

By pressing ENTER in this page, an arrow will appear on the left of the screen “->”, then enter into the setting interface 1 of compressor:

Out-1	Name	RMS Cmp
->Bypass = On		

By using “PM2” or “PM3” encoder, it is possible to set the limiter as “ON” or “OFF”.

By rotating “NAV/PM1” encoder, will enter into the setting interface 2 of compressor:

Out-1	Name	RMS Cmp
->Threshold = +16.0dBu		

By using “PM2” and “PM3” encoder, user can set compressor attack threshold, with its range from -14dBu to +16dBu.

By rotating “NAV/PM1” encoder again, it will enter setting interface 3 of compressor:

Out-1	Name	RMS Cmp
->Ratio =100:1 Knee =0%		

User can set compressor’s Ratio from 2:1 ~ 100:1. With “PM3” encoder, it is possible to set compressor’s knee from 0% to 100%.

By rotating “NAV/PM1” encoder again, it will enter setting interface 4 of compressor:

Out-1	Name	RMS Cmp
->Rel =0.1sec Atk =5ms		

User can set compressor’s Release time from 0.1s to 3s. With “PM3” encoder, it is possible to set compressor’s Attack time from 5ms to 200ms.

HPF page – in this page, it is possible to set the High-Pass filter of output channels:

Out-1:	Name	HPF
F= 20Hz Bypass		

By pressing ENTER button in this page, an arrow will appear on the left of the screen “->”, then enter into the setting interface 1 of High-Pass filter:

Out-1:	Name	HPF
->Frequency = 20Hz		

By using "NAV/PM1" or "PM2" encoder, it is possible to set output channels' High-Pass filter frequency from 20Hz to 20kHz.

By rotating "PM3" encoder, it is possible to set the Low-Pass filter's shape and order of the output High-Pass filter.

Out-1	Name	HPF
->F = 20Hz	LR	-48dB/Oct

Following is the available shape and order of the High-Pass filter: **Bypass/ BW -6 dB/Oct / BW -12 dB/Oct / LR -12 dB/Oct / BS -12 dB/Oct / BW -18 dB/Oct / BW -24 dB/Oct / LR -24 dB/Oct / BS -24 dB/Oct / BW -36 dB/Oct / LR-36 dB/Oct / BW -48 dB/Oct / LR-48 dB/Oct /**

LPF page – in this page, it is possible to set the Low-Pass filter of output channels:

Out-1:	Name	LPF
F= 20Hz	Bypass	

By pressing ENTER in this page, an arrow will appear on the left of the screen "->", then enter into the setting interface 1 of Low-Pass filter:

Out-1	Name	LPF
->F = 20Hz	Bypass	

By using "NAV/PM1" or "PM2" encoder, it is possible to set output channels' Low-Pass filter frequency from 20Hz to 20kHz.

By rotating "PM3" encoder, it is possible to set the Low-Pass filter's shape and order of the output Low-Pass filter.

Out-1	Name	LPF
->F = 20Hz	LR	-48dB/Oct

Following is the available shape and order of the Low-Pass filter: **Bypass/ BW -6 dB/Oct / BW -12 dB/Oct / LR -12 dB/Oct / BS -12 dB/Oct / BW -18 dB/Oct / BW -24 dB/Oct / LR -24 dB/Oct / BS -24 dB/Oct / BW -36 dB/Oct / LR-36 dB/Oct / BW -48 dB/Oct / LR-48 dB/Oct /**

EQ Byp page – in this page, it is possible to set EQ Bypass of output channels, with its selectable status of "ON" and "OFF". Following is the example screen as Bypass ON:

Out-1:	Name	EQ Byp
Bypass	=	On

By pressing ENTER in this page, an arrow will appear on the left of the screen "->", then enter setting interface of EQ Bypass:

Out-1: Name EQ Byp
->Bypass=On

By using "PM2" or "PM3" encoder, user can set the EQ Bypass as "ON" or "OFF".

PEQ-[xx] (01to07) page – In this page, it is possible to set 7 available parametric equalization filters for output channels, with each parametric equalization filters can be selected as BELL, Shevling filter.

Out-1: Name EQ-01
Byp=Off Type=Peaking_Eq

When EQ Bypass is set as "OFF", by pressing ENTER button in any parametric equalization page, an arrow will appear on the left of the screen "->", then enter setting interface 1 of parametric equalization filter:

Out-1: Name EQ-01
->Byp=Off Type=Peaking_Eq

By using "PM2" encoder, it is possible to set the flat on or off for the current parametric equalization filter. By using "PM3" encoder, user can set the current parametric equalization filter's type, selectable as **Peaking_Eq/ Hi -Shelv Q/Lo-Shelv Q**

When the parametric equalization filter type is selected as Peaking_Eq, by rotating "NAV/PM1" encoder again, user can enter the setting interface 2 of current output parametric equalization filter:

Output1: Name EQ-01
->Freq = 20Hz

By using "PM2" or "PM3" encoder, it is possible to set current output PEQ filter's frequency from the range of 20Hz to 20kHz.

By rotating "NAV/PM1" encoder again, user can enter the setting interface 3 of current input parametric equalization filter:

Out-1: Name EQ-01
->Gain=0.0dB Q=0.40

By using "PM2" encoder, user can set the gain of current parametric equalization filter from -12dB to +12dB, and by using "PM3" encoder, it is possible to set the Q factor of current parametric equalization filter from 0.40 to 128.

When the parametric equalization filter type is selected as Hi-Shelv Q/ Lo-Shelv Q, by rotating "NAV/PM1" encoder again, user can enter the setting interface 4 of current output parametric equalization filter:

Out-1: Name EQ-01
->Freq = 20Hz

By using "PM2" or "PM3" encoder, it is possible to set current output PEQ filter's frequency from the range of 20Hz to 20kHz.

By rotating "NAV/PM1" encoder again, user can enter the setting interface 5 of current input parametric equalization filter:

Out-1:	Name	EQ-01
->Gain=0.0dB		Q=0.1

By using "PM2" encoder, user can set the gain of current parametric equalization filter from -12dB to +12dB. With "PM3" encoder, it is possible to Q factor of PEQ from 0.1 to 5.1.

Dyn Filt page –In this page, it is possible to bypass the dynamic filter for output channels, with bypass can be set as "On" or "Off". The following screen is an example when bypass is on:

Out-1	Name	Dyn Filt
Bypass = On		

By pressing ENTER in this page, an arrow will appear on the left of the screen "->", then enter setting interface of dynamic filter bypass:

Out-1	Name	Dyn Filt
->Bypass=On	Att=0.0 dB	

By rotating "PM2" encoder to set the dynamic filter bypass as "On" or "Off". Use "PM3" encoder can set the attack value of the dynamic filter, from 0.0dB to -6.0dB.

Note 1: After selected the desired choice with 3 encoders, the choice would be set as the current one for the unit automatically, and would be stored in the DPA260P system when user quits this page.

Note 2: By pressing "ESC" to quit this page.

Input and Output Channels Last Edited Parameter Return Function

Once you have escaped out of parameter editing within the individual Input or Output channels the DPA260P will remember this last editing action on that Channel. When you return for your next editing action pressing the EDIT button on that channel will immediately return you to the screen related to this last editing action.

This function makes fine tuning or modifying easier when it is necessary to make a number of adjustments to the same parameter in a short time sequence.

Input Channels and output Channels LINK Function

The DPA260P is able to perform a unique LINK MODE between Input Channels as well as a link between Output Channels to enable quick and immediate editing (you cannot link output to input channels).

To link channels when editing, you will need to select a "Master" channel that will be the one to be edited and have it's parameters displayed on the LCD screen. You can then select and link other channels (Slaves) that you wish to apply the same changes to.

To enter a link mode session, select the Master channel Edit mode, then link the Slaves by pressing their related Edit buttons.

All Linked channels will be selected ready for adjustment when their "Blue" LED is lit in the Editing mode.

Now all Slave channels and only those selected will modify their parameters accordingly as you edit the Master channel.

All other existing parameters will stay the same within the Slave Channels unless edited by this link with the Master channel.

Note: The LINK function is NOT a COPY function.

If we want to edit the limiter of the Output channels 1/2/4, we can enter the editing mode of Output Channel 1 by pressing the related Edit button and turning on the Blue LED below the Output Channel 1 LED meters. This assigns the "role" of Master and displays this channel's parameters on the LCD:

Out-1: Name RMS Cmp
->Rel =1:1sec Atk =3ms

Then press the Edit button of Output Channels 2/4, turning on their related "Blue" LED's. Now all parameters edited on Output Channel 1, will also be applied to channels 2 and 4.

If we want to remove one of the linked channels from the Link, press the related Edit button.

Exiting the editing of the Master channel during a Link session will automatically terminate that session. The Link will also be automatically terminated if, during the editing of Output Channels you jump across to begin editing an Input channel or vice versa.

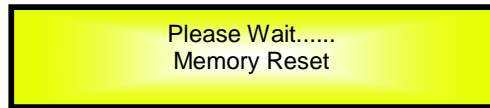
- **Factory Reset**

In the event of the password being lost or any other reason the user may require the unit to be reset to the original factory settings, a "Factory Reset" that will clear all settings of the DPA260P and return the device to the original factory setting, is available to the user.

Note: Continuing with this process will mean the DPA260P will re-initialize to the original factory settings and any previously stored information and changed parameters will be permanently lost.

– **Use the following procedure to perform the factory reset:**

1. While the DPA260P is switched OFF, simultaneously press the ENTER+ESC+UTILITY buttons on the front panel.
2. Maintain pressure on all three buttons as you turn the power switch to On and the following LCD screen appears on the DPA260P :



3. Release the buttons and wait for the DPA260P to re-initialize.

Once completed, the DPA260P will resume regular operation as though it was a new unit from the factory and no previously programmed parameters will be available for use.

- **DPA260P Technical Specifications**



The DPA260P is based on a powerful analog and digital DSP platform having the following specifications

Analog Input Signal:	ChA/ChB	Bal. Female XLR
Maximum Input Level:	+12dBu	
Analog Output Signal:	Ch1/Ch2/Ch3/Ch4/Ch5/Ch6	Bal. Male XLR
Maximum Output Level:	+18dBu	
Sampling Frequency:	48kHz	
S/N:	106dBA	
THD+N:	0.005%	
Frequency Response (Bypass):	20Hz – 20kHz (+- 1 dB)	
Power Supply:	Switching Power Supply	
Remote Control:	USB, RS485	