

# XN D26

## Front Panel Guide

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# CONTENTS

XN D26 Overview .....	3
Workflow .....	4
Utility .....	5
Output Parameters .....	7

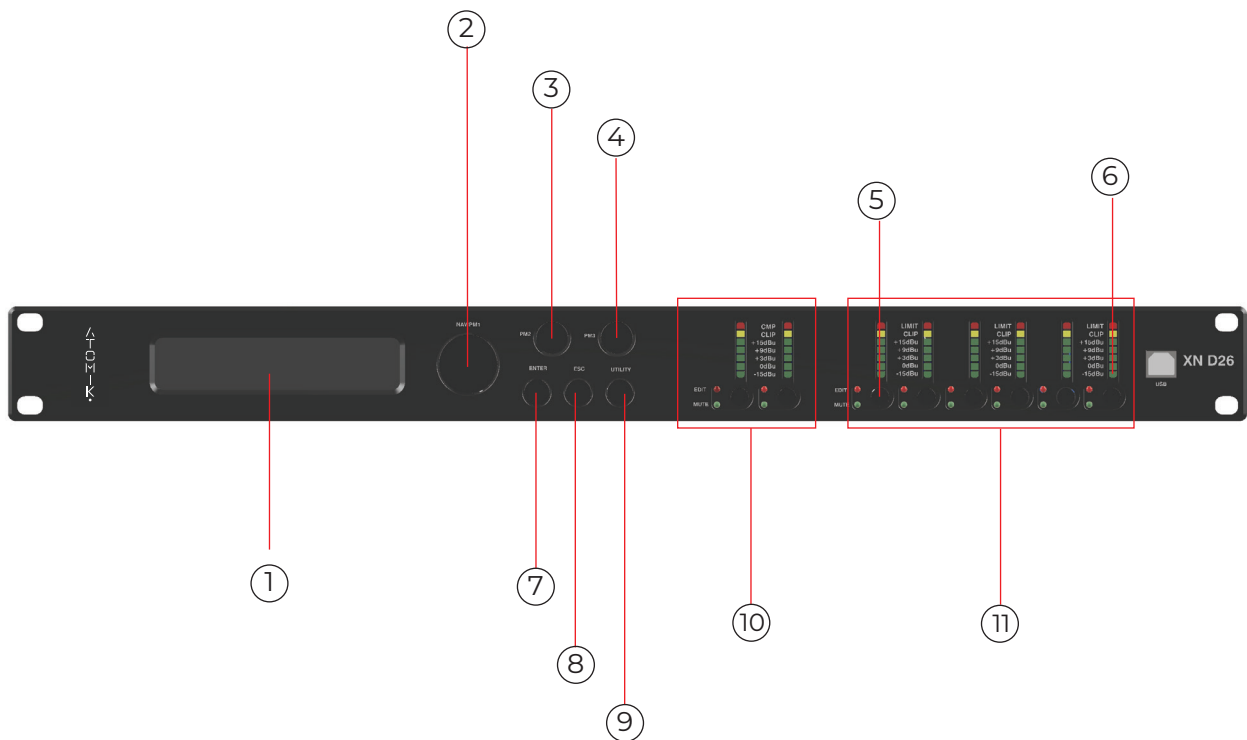
# OVERVIEW

## Digital Signal Processor Manual

### XN D26

This Document Provides you with an Overview of all available functionality on the XN D26, It also provides you with Step-by-step Instructions to navigate through the Front panel of the DSP. For more information please refer to the XN D26 Manual. This document is only for optimising your workflow.

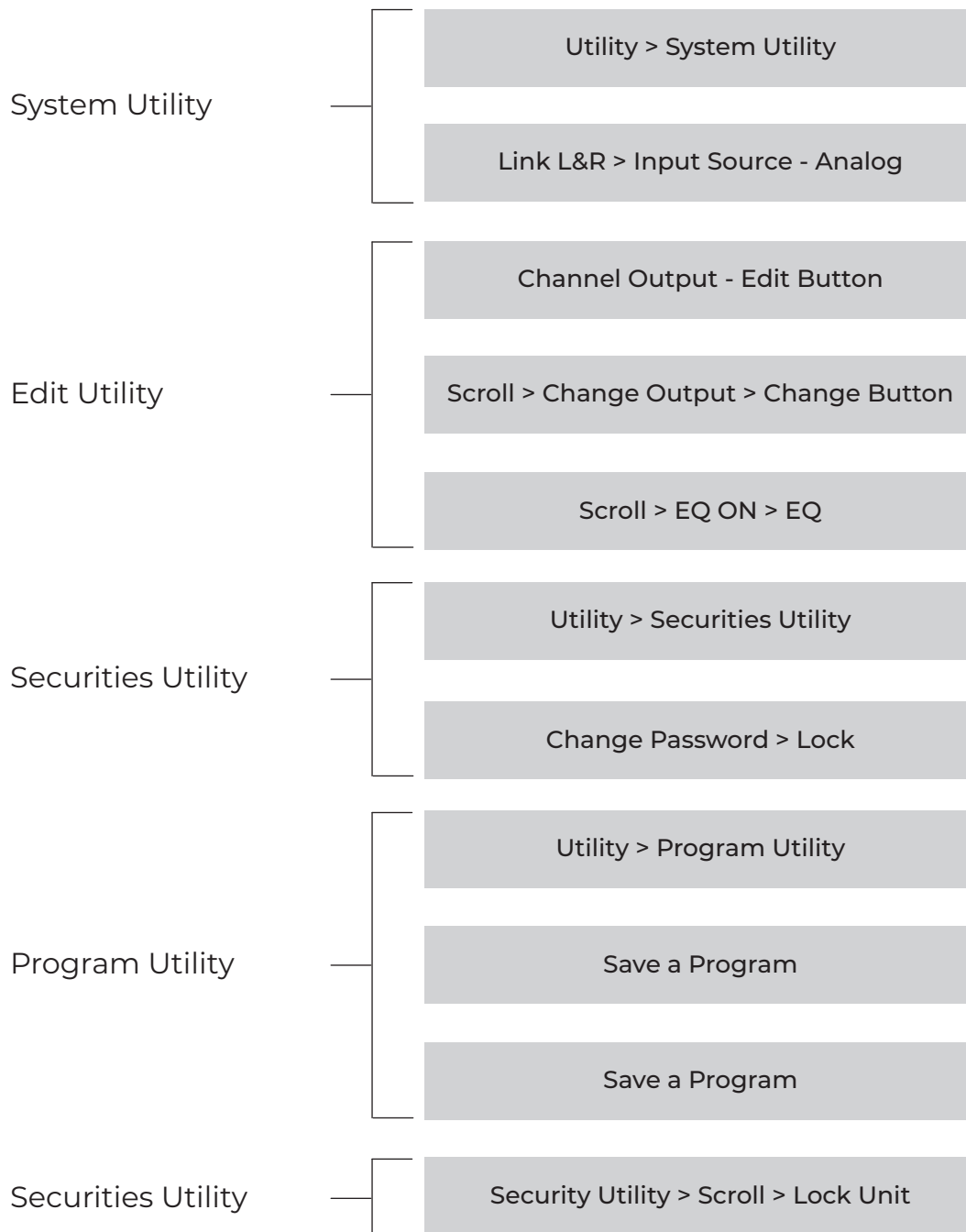
### DSP Front Panel



- |                            |                     |
|----------------------------|---------------------|
| 1. Display Panel           | 7. Enter            |
| 2. Navigation/ Parameter 1 | 8. Escape           |
| 3. Parameter 2             | 9. Utility          |
| 4. Parameter 3             | 10. Input Metering  |
| 5. Select/ Mute            | 11. Output Metering |
| 6. Metering                |                     |

## WORKFLOW

Based on the optimal workflow of our DSP: **Utility > Routing > Output Editing.**



## UTILITY

To Access the Utility, Click the Utility button on the front panel of the XN D26. The ' NAV/PM1' Wheel is used to navigate through the Interface.

Utility is split into 4 categories:

### **A. System Utilities:**

**1. Input Source:** Lets you switch the input Source between The Analog Inputs available on the back panel and an Inbuilt Noise Generator. To scroll through the options you must use the **PM2** or **PM3** scroll knob on the front panel of the DSP.

**2. Noise Generator:** You can choose between White Noise and Pink Noise by Turning the **PM2** Knob, and you have a volume parameter going from -40dB to 0dB which is controlled by the **PM3** knob. To send signal through to your outputs - **you need to Switch your input selector to Noise generator.**

**3. Link Input L&R:** Turning this ON using the **PM2** , will allow you to Process INPUT L and INPUT R together, and it will copy all parameters from **INPUT L** to **INPUT R.**

**4. Delay Units:** You can set your delay value either in Time (ms) or in Meters (m).

**5. Set Default Value:** This Resets all your System Utility Parameters to Zero.

**6. Firmware Version:** To view your Version Number.

### **B. Program Utilities**

**1. Recall a Program:** To recall a Saved Preset.

**2. Save a Program:** To save a NewPreset - Click on save Preset - scroll to an empty Preset Number named '**Program Empty**' or you can choose to save over an existing preset and Hit enter. Then using **PM2** and **PM3** knobs you can change the name and then hit enter to save.

**3. Delete a Program:** To delete a Preset - scroll to a preset you wish to delete and hit Enter.

The XN D26 can hold up to a maximum of **30 Presets** at a time.

### C. Security Utilities

**1. Lock Unit:** This Allows you to lock the front panel buttons and knobs. You will not be able to MUTE/UNMUTE.

To **UNLOCK** the front panel - you will need to press the utility button and turn off the LOCK.

**2. Change Password:** An option Change the password for LOCKING the unit.

1. You must first put in the default password - **[000000]** -
2. then you will get an option to Enter a new password.
3. Hit the Enter button to save, and re-enter the password to confirm it.
4. **PM2** will let you scroll through the 6 characters.
5. **PM3** will let you choose the Character.

**3. Lock With Password:** This is where you can **LOCK** the Unit from.

To **UNLOCK** you must press the **UTILITY** button and using the **PM2** and **PM3** knobs unlock the Unit.

### D. interface Utilities

**1. Interface Setup:** This Option is by default set on USB. which means that you can connect your Windows laptop via USB to access the DSP software. You can Download the software from **Products > XN D26 > Downloads > Download Software.**

## OUTPUT PARAMETERS

When you Select Edit on a specific Output on your Front panel you get the following options:

### **A. Name**

1. Single Press the **'Edit/ Mute'** button next to the corresponding output
2. Scroll using **'NAV/PM1'** until you reach **'NAME'** shown on the right top of your unit's Display. 3. Press the **'Enter'** button on the Front panel of the unit and an Arrow will be shown on the Left bottom.
4. Use **'PM2'** knob to scroll through the characters, and **'PM3'** to change the specific character that's blinking.
5. After you're done naming, press **'ENTER' / 'ESC'** to exit editing.

### **B. Routing**

To route your inputs to specific outputs you must:

1. select the button corresponding to the output on the front panel of the unit.
2. with **'NAV/PM1 knob'** scroll to **'Source'** .
3. Hit enter and an arrow will show up on the left side.
4. now scroll using **'PM2'** or **'PM3'** knob to select the Source.

### **C. Gain**

1. Single Press the **'Edit/ Mute'** button next to the corresponding output
2. Scroll using **'NAV/PM1'** until you reach **'Gain'** shown on the right top of your unit's Display 3. Press the **'Enter'** button on the Front panel of the unit and an Arrow will be shown on the Left bottom.
4. Use **'PM2'/ 'PM3'** to Increase / Decrease the Gain of that Output.
5. After you're done naming, press **'ESC' to** exit editing.

### **D. Delay**

1. Single Press the **'Edit/ Mute'** button next to the corresponding output
2. Scroll using **'NAV/PM1'** until you reach **'Delay'** shown on the right top of your unit's Display 3. Press the **'Enter'** button on the Front panel of the unit and an Arrow will be shown on the Left bottom.
4. Use **'PM2'/ 'PM3'** to Increase the Delay value of that Output.
5. After you're done naming, press **'ESC' to** exit editing.
6. If you wish to change the Delay units go to - **Utility > System Utility > Delay Units.**

## OUTPUT PARAMETERS

### E. Phase

1. Single Press the **'Edit/ Mute'** button next to the corresponding output
2. Scroll using **'NAV/PM1'** until you reach **'Phase'** shown on the right top of your unit's Display.
3. Press the **'Enter'** button on the Front panel of the unit and an Arrow will be shown on the Left bottom.
4. Use **'PM2'/ 'PM3'** to Invert the Phase of that Output.
5. After you're done naming, press **'ESC'** to exit editing.

### F. Limiter

1. Single Press the **'Edit/ Mute'** button next to the corresponding output.
2. Scroll using **'NAV/PM1'** until you reach **'LIMITER'** shown on the right top of your unit's Display.
3. Press the **'Enter'** button on the Front panel of the unit and an Arrow will be shown on the Left bottom.
4. Use **'PM2'/ 'PM3'** to Bypass the Limiter of that Output.
5. After you're done naming, press **'ESC'** to exit editing.
6. IF you wish to change the parameters of the Limiter you must Connect the Unit to a windows laptop and change it using the **XN D26 Software**.

### G. Phase

1. Single Press the **'Edit/ Mute'** button next to the corresponding output.
2. Scroll using **'NAV/PM1'** until you reach **'Phase'** shown on the right top of your unit's Display.
3. Press the **'Enter'** button on the Front panel of the unit and an Arrow will be shown on the Left bottom.
4. Use **'PM2'/ 'PM3'** to Invert the Phase of that Output.
5. After you're done naming, press **'ESC'** to exit editing.

### H. LPF / HPF

1. Single Press the **'Edit/ Mute'** button next to the corresponding output.
2. Scroll using **'NAV/PM1'** until you reach **'HPF' / 'LPF'** shown on the right top of your unit's Display
3. Press the **'Enter'** button on the Front panel of the unit and an Arrow will be shown on the Left bottom.
4. Use **'PM2'** to jump to the Desired Frequency while **'PM3'** is used for fine adjustments to the frequency of that Output.
5. Use **'NAV/PM1'** to Scroll to the **'Slope'** and choose between **'bypass'** and different **'slopes'**.
6. Preferred Slope setting: **'LR -24dB/Oct'**
7. After you're done naming, press **'ESC'** to exit editing.

## OUTPUT PARAMETERS

### **I. EQ**

Once you reach the EQ setting of the Output.

1. You have a Bypass: ON/OFF option.
2. You have 7 PEQ Bands.
3. To edit any of the bands you must.
4. Press 'ENTER' to edit.
5. Bypass ON/OFF - use PM2
6. Use NAV/PM1 to scroll to the frequency you wish to effect - use PM2 to change
7. Use NAV/PM1 to scroll to the:  
Gain of selected band - use PM2 to change  
Q Factor of selected band - use PM3 to change

### **J. Buttons**

Single Press '**EDIT/MUTE**' button to Select the output channel you wish to edit.

Long Press '**EDIT/MUTE**' button to mute the Output.

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