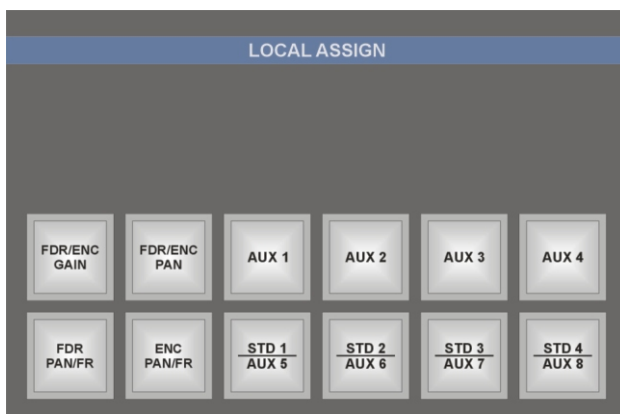


The Channel Strip Section

This chapter informs you how you can use the elements in the Channel Strip section to set Aux Send level and parameters, Gain and Pan as well as channel in/out routing for the selected channel; it also informs you what you must do to select, activate and edit insert effects and VST instruments, how to use the EQ. and about functions on the General Functions Strip (blue vertical strip) that have an effect on Channel Strip section controls.

Local Assign



The Local Assign block has twelve parameter buttons. If you activate one of these buttons, the Edit displays in the lower part of the Channel Strip section show the different settings on all channels for this particular parameter.

We call this a Multi Channel view.

Using the EDIT dials, you can change the respective parameter setting for each channel. The display above each dial gives you optical feedback.

If a parameter has more than one display page, you can use the red-capped Select dial in the blue General Functions Strip to select the other pages.

In Multi Channel view, the Edit displays and dials are arranged in a similar fashion as the Faders and Level Encoders in the Fader section. The upper row refers to the channels that have been assigned to the Level Encoders. The lower row refers to the channels that are currently controlled by the Faders.

If none of the twelve buttons in the Local Assign block is active, the displays in the lower part show what we call a Single Channel view.

That is, a number of different parameters of one channel only (the currently selected channel) is shown and can be edited in the lower part of the Channel strip section. In Single Channel view, each Edit display and dial is used to control a different parameter.

Multi Channel view

The following parameters can be displayed and edited in Multi Channel view:

FDR/ENC GAIN

Gain control, +/-48.2 dB.

Note: Be careful when you use the gain controls, as rough handling can result in big jumps in level!

FDR/ENC PAN

Panorama control
Page 1: Pan left/right
Page 2: Pan front/rear

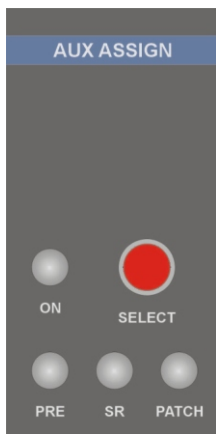
FDR PAN/F/R	<p>Pan and Front/Rear</p> <p>In this mode, both the upper and the lower Edit Encoders refer to the Faders only (not to the Level Encoders!).</p> <p>The upper row of Edit Encoders control left/right pan, the lower control front/rear position.</p> <p>Especially useful in a surround mix as you don't have to switch.</p>
ENC PAN/FR	<p>Pan and Front/Rear</p> <p>In this mode, both the upper and the lower Edit Encoders refer to the Level Encoders only (not to the Faders!).</p> <p>The upper row of Edit Encoders control left/right pan, the lower control front/rear position.</p> <p>Especially useful in a surround mix as you don't have to switch.</p>
AUX 1-8	<p>Page 1 : Aux Send level</p> <p>Page 2 : Aux Send On/Off</p> <p>Page 3 : Aux Send Pre/Post</p> <p>Page 4 : Aux Send Pan left/right</p> <p>Page 5 : Aux Send destination</p> <p>Page 6; Aux Send bypass On/Off</p>
SDT 1-4	<p>Page 1 : Studio level</p> <p>Page 2 : Studio On/Off</p> <p>Page 3 : Studio Pre/Post</p> <p>Page 4 : Studio Pan left/right</p> <p>Page 5 : Studio bypass On/Off</p> <p>Note: All On/Off functions may be switched by either turning the Edit dial or by pressing it.</p>

Single Channel View

If none of the twelve buttons in the Local Assign block is active, the displays in the lower part show what we call a Single Channel view. In this mode, the Edit dials and displays are used as follows:

Encoders/displays left to right	Description
First eight in top row Lower row Encoders 1 and 2 Pan left/right and Pan front/rear.	Aux Send level 1-8. Press the Edit Encoders to set the corresponding Aux Send to On or Off.

Lower row Encoder 1 and 2	Pan left/right and Pan front/rear
Lower row Encoder 3	Unused
Lower row Encoder 4	Channel/Track Gain (not Aux Gain!)
Lower row Encoder 5	Phase Reverse On/Off. Off = natural phase On = phase revers You can either turn or press the Encoder.
Lower row Encoder 6	Unused
Lower row Encoders 7 and 8	Surround pan for the selected Aux Send (which can be selected using the SET button located directly above the corresponding Aux Send display).
Last four in top and bottom rows	4-band parametric EQ High band with additional high shelf and low pass settings. Low band with additional high pass and low shelf settings. There are two options to switch each band On/ Off: By pressing the lower Edit Encoder. By pressing the SET button above the respective band. The button will light up. You can also switch between the parameters frequency and Quality (Q) by pressing the upper Edit Encoder. Note: If you continuously hold down the Edit Encoder while you make a Q factor setting, the display will automatically switch back to frequency as soon as you let go of the Encoder.



Aux Assign

The controls can be used to activate Aux Sends for the selected channel and make pre/post settings for them. Pressing SR lets you see all available Surround panning parameters in the displays. Pressing Patch switches the lower row of encoders to display the bus routing of the selected NUENDO channel. When Patch is activated, you can also use the Select

Control to set the bus routing.

- Select an Aux Send by pressing its SET Button.
- Activate it by pressing the ON button in the Aux Assign block. If desired, press SR.
- The PRE button lets you toggle between pre-fader and post-fader settings. If the button is lit, pre-fader is active, otherwise it's post-Fader.

Channel Assign



This block contains two 2-line displays, a SELECT rotary dial and four buttons. The settings that you make here apply to the currently selected channel. The settings are shown in the displays.

To set a parameter, press one of the buttons. It will light up in red and you can select the desired setting.

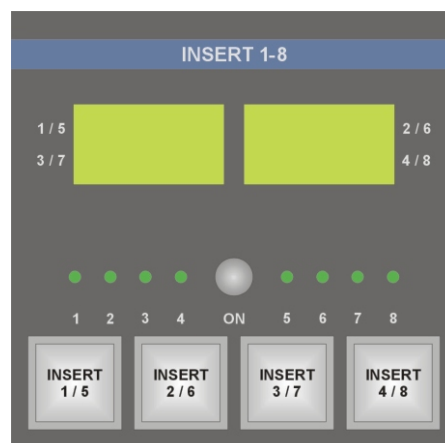
LABLE is only activ at the main unit, for you need the ASCII keyboard too; CHAN, IN and OUT you can use in every fader extension pack.

CHAN	Let you select a channel or track with the SELECT dial.
LABLE	Use the ASCII keyboard to name a channel or a track
IN	Input routing, lets you select an input source with the SELECT dial.
OUT	Output routing to Groups or one of the busses. Use the SELECT dial.

Insert 1-8

The elements in this block can be used to display which Insert effects are currently resident in which slots, and to select an Insert effect for editing with the controls and displays in the Channel Strip section.

The two displays in this block show which Insert effects are resident in the first or second four Insert effect slots for each channel.



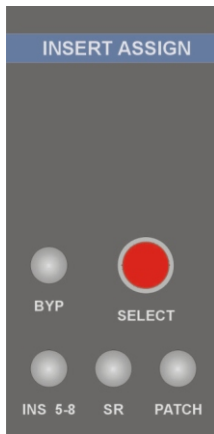
To display the second group of four slots, use the INS 5-8 button in the Insert Assign block, described below.

The eight small LEDs indicate which Insert slots are switched on and can actually be used. To select an Insert effect for full display and editing with the Channel Strip controls, press one of the square INSERT x/x buttons. To be able to select from the second group of four effects, use the INS 5-8 button in the Insert Assign block.

Note: The Insert slots 1 - 6 are pre fader, slots 7 and 8 are post fader.

The ON button lets you switch the currently selected Insert effect On or Off. If you switch it On, its LED will light up.

Note: Same as in NUENDO, switching an effect Off doesn't remove it from its slot. Assigning and removing effects to/from slots is done in the Insert Assign block, described below.



Insert Assign

The controls in this block are used to assign or remove Insert effects to/from the available eight slots. Here you can also activate an effect bypass for each slot and select the second group of four effects for display and editing with the Channel Strip controls as Described above in the 1-8 section.

Note:

To be able to assign an Insert effect to a slot or remove it from there, you must first activate the PATCH button!

Assigning an Insert effect to a slot

Proceed as follows:

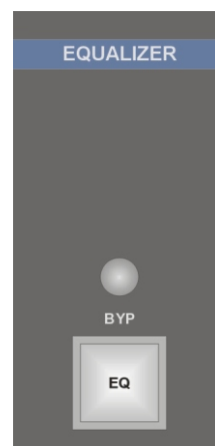
1. Activate the PATCH button so that it lights up in red.
2. Select the desired Effects slot by pressing the corresponding INSERT x/x button in the INSERT 1-8 block. It will light up in red. If necessary, use the INS 5-8 button to Switch to the second group of four slots.
3. Select an effect by turning the SELECT dial clockwise. NUENDO will actually load the PlugIn ca. one second after you have stopped to turn the dial.
4. Press PATCH again to leave Insert Assign mode.

Removing an Insert effect from a slot

Do this:

1. Activate the PATCH button so that it lights up in red.
2. Select the desired Effects slot by pressing the corresponding INSERT x/x button in the INSERT 1-8 block. It will light up in red. If necessary, use the INS 5-8 button to switch to the second group of four slots.
3. To remove the effect in the selected slot, turn the SELECT dial anticlockwise and let go of the dial. NUENDO will actually remove the PlugIn ca. one second after you have stopped to turn the dial.
4. Press PATCH again to leave Insert Assign Mode.

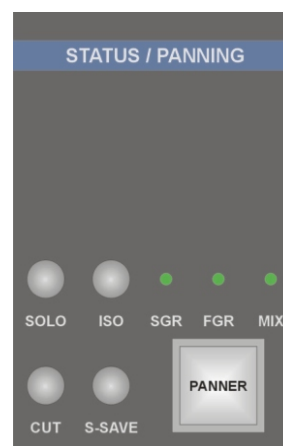
BYP	Activate this to bypass the currently selected effect, i.e. when this is active, the original signal will not be routed through the effect.
INS 1-4	NUENDO provides you with 8 Insert effect slots of which four can be made visible in the INSERT 1-8 block. Use this button to display the first group of four slots.
INS 5-8	Use this button to display the second group of four slots.
SR	This button will be supported in a future version of NUENDO.
PATCH	As a precautionary measure, this button must be activated for you to be able to assign or remove an Insert effect to/from one of the slots.



Equalizer

If you activate the EQ button, all EQ parameters of a single channel are distributed onto the first eight displays and Edit Encoders where you can change all parameter values.

You can use the BYP button to bypass the Equalizer.



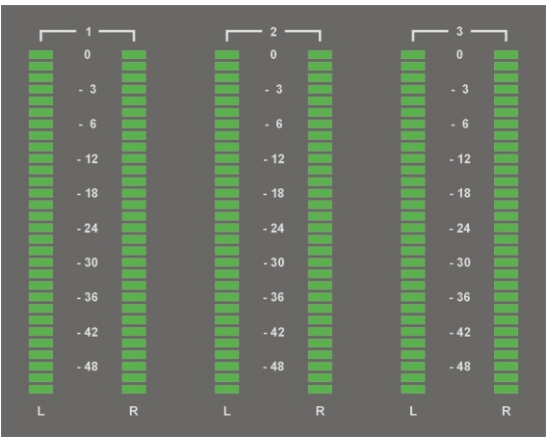
Status Panning

Here, you'll find another instance of the SOLO and CUT buttons, available separately for each track/channel in the Fader section.

These SOLO and CUT Buttons can be used to solo or mute the track/channel that is currently selected for editing. The intention behind this is to help you to

focus your attention on your editing instead having to search for the respective buttons in the Fader section.

SOLO	Activate this to set the currently selected Track/channel to solo.
CUT	Activate this to mute the currently selected track/channel.
ISO	Activate this button to isolate the selected track/channel from Automation Read. As a result, you will hear the track/channel without automation.
S-SAVE	When you activate Solo Save, the selected track/channel will not be muted if you solo other tracks/channels. For example, you can use this to prevent a Click track from being muted when you solo other tracks/-channels.
PANNER	When you activate this square button, all panorama parameters are displayed and can be edited easily using the displays and controls in the Channel Strip section. This is especially useful for Surround panning.



LED Meter Bridge

2x30 band LED metering for each channel let you control the input levels.



VSTI

By activating the EDIT INST button, you can distribute the parameters of a currently resident VST instrument onto the displays In the Channel Strip section and Easily edit them with the dials.

1. Load a VST instrument using the ID ASCII keyboard as usual.
2. Press the INSTR (double click).
All currently resident VST instruments are assigned to the Faders in the Fader section.
3. Select the new VST instrument by pressing the FDR button in the blue SELECT area above its fader.
Now the parameters are distributed onto the displays and dials in the Channel Strip section, where you can edit them.

Note: If a VST instrument has more parameters, these can be made visible and edited using the available displays and dials, use the red-capped SELECT dial in the General Functions strip to switch to the other parameter pages. The double digit numeric display above the SELECT dial indicates the currently visible page (up to 99 pages, up to 2376 parameters!).