

ENCODERS

GENERAL INTRODUCTION

Each input channel strip contains three encoders (see Figure 7-1A): encoder 1 & encoder 2 are located in the VST fields in the lower screen area, the channel encoder is located at the top of the fader area, and has an LED ring to indicate its parameter state. Each of these encoders can control different parameters, depending on the settings of other parts of the console.

The master section has 16 VST encoders and 4 panel-mounted encoders with LED rings (see Figure 7-1B): the TB/OSC Level Control encoder, and the Solo Blend, Solo Trim & Phones Volume encoders. These last four are dedicated to their respective functions.

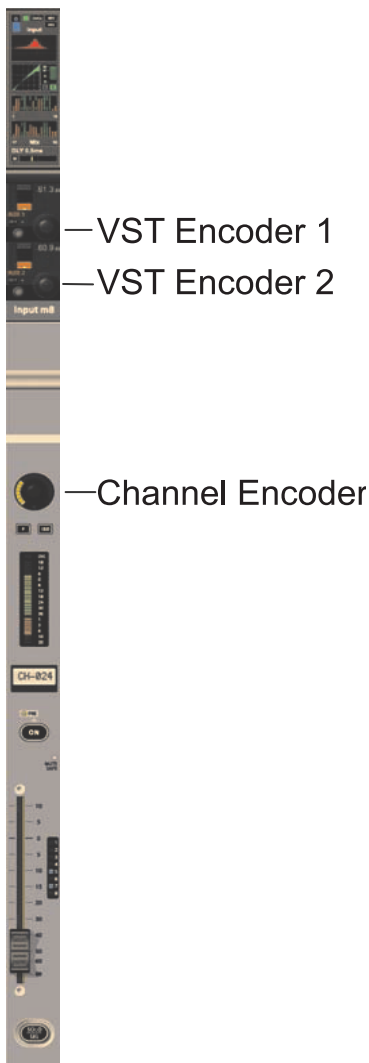


Figure 7-1A: Input Channel Strip Encoders.

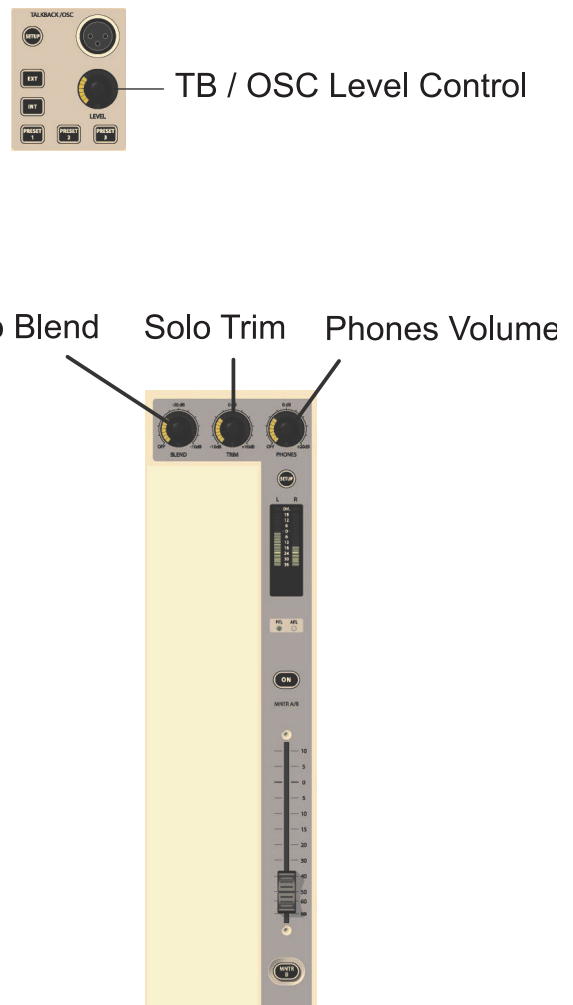


Figure 7-1B: Master Section Panel Encoders.

CHANNEL ENCODERS

Channel encoders always control a parameter on their own channel strip. The function of the channel encoders can be globally selected via the [INPUT GAIN], [GATE THRS] and [PAN] keys on the Encoder Mode panel (see Figure 7- 2).

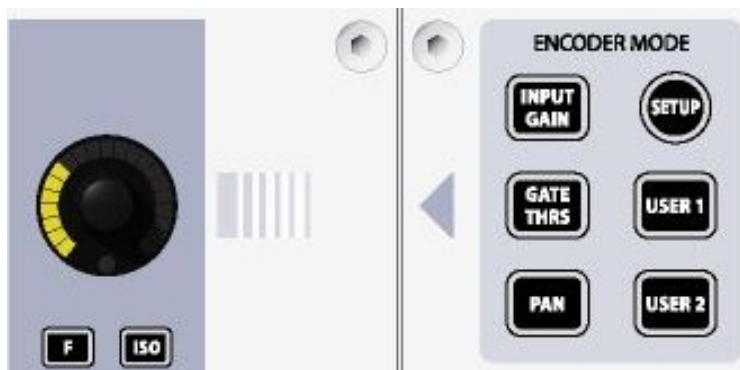


Figure 7-2: Encoder Mode Panel.

[USER1] and [USER2] are currently used to set the channel encoders to control the Low-cut Filters and the High-cut Filters respectively.

[SETUP] is reserved for future use.

HINT: If [ALL BUSSES] is active or a MATRIX output is soloed, the channel encoders are disabled and have no function (the previous function is remembered however).

HINT: If Stereo Aux sends are assigned to the channel faders (using FLW Output Solo), the channel encoders control the PAN for their channel's contribution to the soloed Stereo Aux bus.

CHANNEL VST ENCODER 1& 2

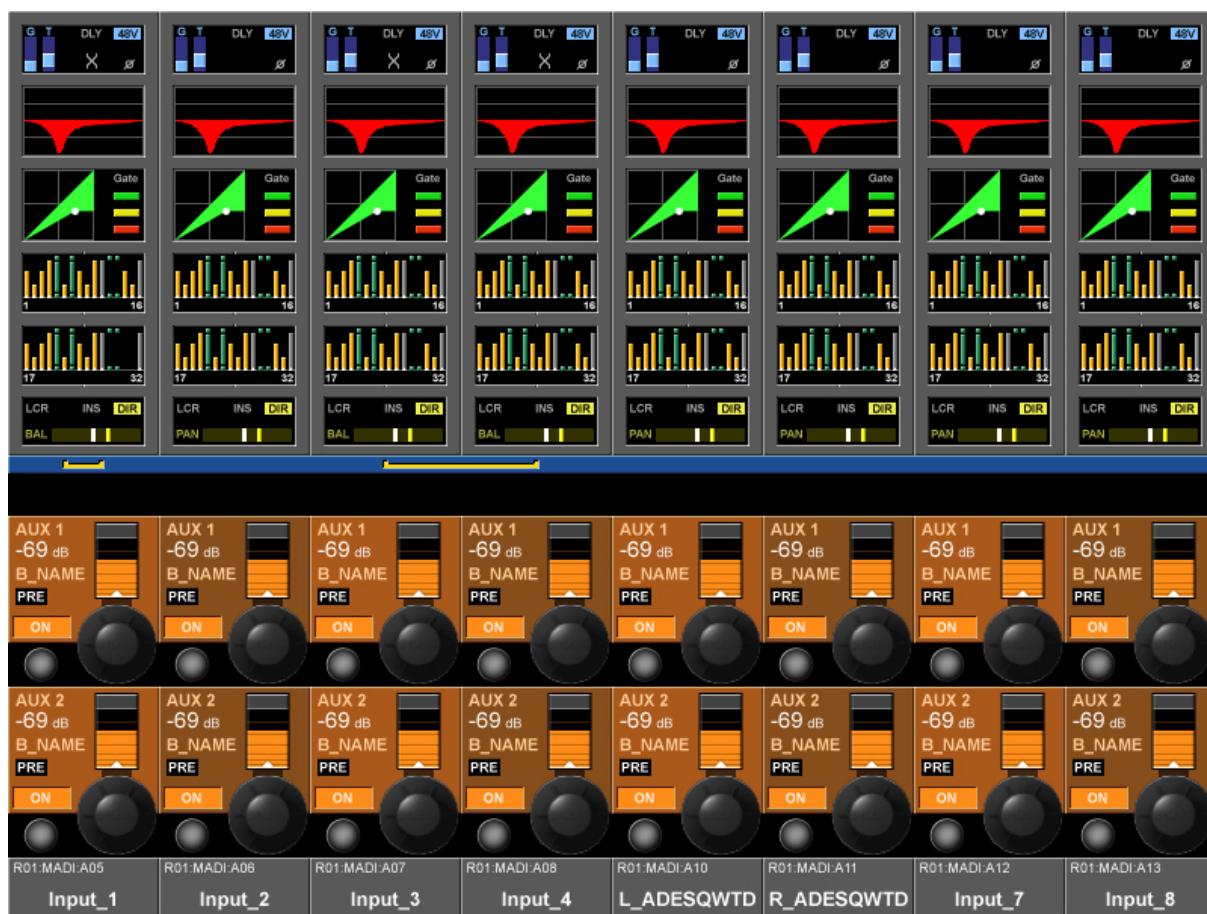


Figure 7-3: Default VST Encoders 1 & 2 For Input Bay.

VST Encoder Priority

If a higher priority assignment action occurs, VST encoder functions change immediately to this mapping. The priority order of the possible assignment actions is:

Priority Function

highest	CHANNEL EXPANDED FUNCTION (e.g.: EQ, Dynamics, etc)
	FOLLOW OUTPUT SOLO
	FAST ASSIGN
lowest	USER or DEFAULT

HINT: If any touch field is activated, the 16 VST encoders are assigned with expanded channel function parameters (see Chapter 4 for full details).

By default, the VST encoders 1 & 2 are assigned as AUX 1 and AUX 2 send level controls for their input channels.



Figure 7-4: Vistonics Mode Panel

Changing Encoder Function

The function assigned to the VST encoders can be changed by the user via the Vistonics Mode panel (see Figure 7-4).

The two [FAST ASSN] keys provide a very fast way to temporarily assign a bus function to a VST encoder row. Press and hold one of the [FAST ASSN] keys, then press one of the Output Masters' [SOLO/SEL] keys (there will be no influence on audio, the Output solo is not activated). The relevant row of VST encoders will now be assigned to that Output master, and the [FAST ASSN] key in question will illuminate.

Hint: Only Output Masters which are configured as Auxes use the encoders. Group Masters do, however, use the VST button next to the encoder.

HINT: Fast assign mapping is removed by pressing/releasing [FAST ASSN]. Fast assign always works GLOBALLY for all input strips

The [SETUP] key is reserved for future use.

If [USER] is pressed the two VST encoder rows will be assigned as AUX 3 and AUX 4 send level controls for their input channels. The [USER] key is illuminated when active.

The two [FLW] keys activate the FOLLOW SOLO function for their respective encoder rows. This means that pressing an Output Solo/sel will automatically assign the soloed Output to this row, overriding the default or the [USER] layer. Note that only one [FLW] can be active at a time.

The [PAN] key, which is illuminated when it is active, only has an effect on Aux Masters which have been configured as stereo pairs. If such a pair is assigned to a VST encoder row, and if the [PAN] key is active, the encoders will control the pan between the pair rather than the contribution level.

HINT: If both Auxes assigned to Row 1 & 2 are Stereo Auxes, both Rows 1 and 2 will change to the PAN function across the desk. If only one of the two rows is a Stereo Aux, then only this row will change to PAN. If neither row has a Stereo Aux assigned, the [PAN] switch will have no function.

The [PRE/POST] key isn't used for any encoder functions, but for the sake of completeness its function is described here. The [PRE/POST] key allows the user to configure Aux sends from channels, when they are assigned to the two VST encoder rows, as pre or post-fader.

MASTER BAY PANEL ENCODERS

The master bay has four panel-mounted encoders with LED rings (see Figure 7-1B): the TB/OSC Level Control encoder, and the Solo Blend, Solo Trim & Phones Volume encoders. These are all dedicated to their respective functions. A description of their functions is given in chapter 9 of this manual.

MASTER BAY VST ENCODERS



Figure 7-5: Default Master VST Encoder Assignment.

The default setting for the Master VST encoders is as the output level controls for Master Outputs 1-16. This can also be selected by pressing the [PAGE A] key on the Master Vistonics Mode Panel (see Figure 7-6). Pressing [PAGE B] will cause the Master VST encoders to be assigned as the output level controls for Master Outputs 17-32.

The Master VST encoders can also be assigned to Master Output Expanded Functions (e.g. EQ, Dynamics, etc.). When a Master Output [SOLO/SEL] key is touched, it opens the Processing Area in the Master VST screen. If then a particular touch-area is touched, the VST encoders are assigned to appropriate expanded functions. These functions are all described in detail in chapter 5 of this manual.

HINT: [METER LOCK] must not be enabled, otherwise the Processing Area will not be displayed. If multiple Output Solos are activated, the parameters for the LAST soloed Master are displayed.

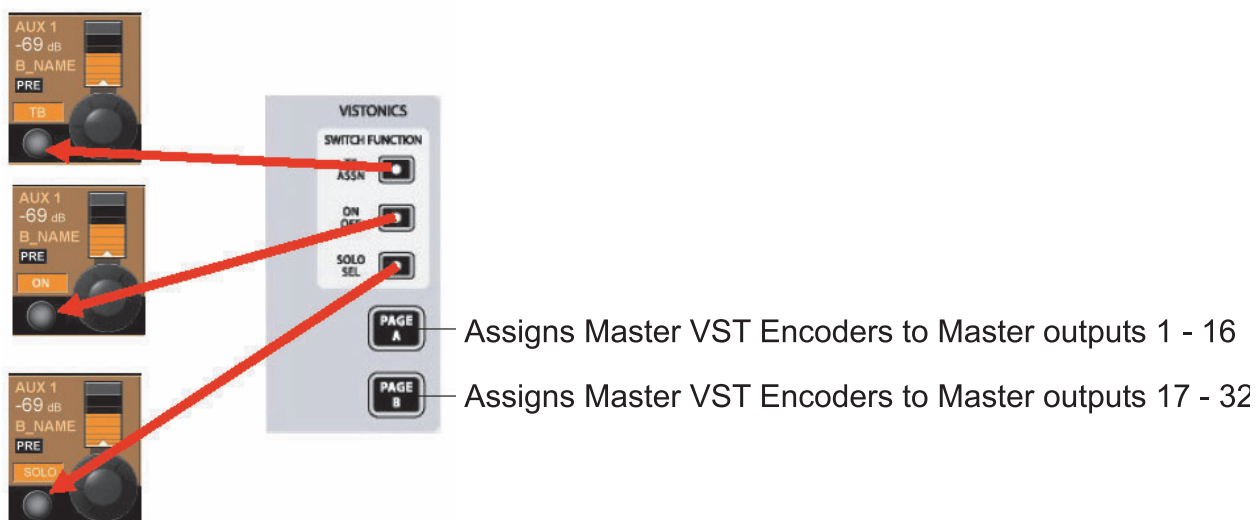


Figure 7-6: Master VST Mode and Switch Function Panel.

Master Vistonics Switch Function Panel

Although the VST switches which are located next to the encoders are not the subject of this chapter, for the sake of completeness a note on assigning their function is included here.

Using the three buttons on the Switch Function panel, the VST switches can be assigned to [TB ASSN], [ON/OFF] or [SOLO/SEL]. [SOLO/SEL] is the default. The assigned function is the same for both Page A and Page B.

These VST switch functions are, of course, over-ridden when the encoders are assigned to expanded functions.