**SIGNAL FLOW**

*Figure 6-1: Matrix Signal Flow (Vi4 shown, Vi6 has 32 contributions to each matrix, Vi2 has 8).*

Only one of up to 16 matrix paths is visible in figure 6-1.

**FUNCTION**

Instead of a simple output matrix Soundcraft Vi Series™ has a built-in freely-configurable matrix that can have up to 16 Outputs (mono).

Each matrix output is a mix of up to 8 (Vi2), 24 (Vi4) or 32 (Vi6) configurable sources and contains full processing including Equaliser, compressor/limiter and Delay.

Sources to the Matrix can be signals from busses, channel direct outputs or inputs.

Hint: The sources for each matrix out can also be individually patched, the matrix can be utilized as 16 different mixers, each with up to 8 (Vi2), 24 (Vi4) or 32 (Vi6) inputs, with output processing. This could be used, for example, to send the same basic aux mix to several musicians, with each also getting a blend of their own input source mixed in.
Figure 6-2: Matrix Strip.
Adjusting A Matrix Send Level

Ensure that the [ALL BUSSES] key is **NOT** selected. Press the [SOLO/SEL] on a matrix master. All the input bays will change to the matrix contributions view and the FaderGlow™ illuminates with the matrix colour. The input strip [ON] keys act as ON for the matrix send signals. The fader adjusts the contribution level of the desired source (1..32).

**MATRIX CONFIGURATION**

This screen opens on all 4 input bays after pressing SOLO/SEL on a matrix master.

*Figure 6-3: Matrix Configuration Page*

**SOURCE field**
Displays the patched source.

The key opens the Matrix patch configuration page - see chapter 11.
MTX Point Field

The encoder changes the point from where the matrix source signal is taken. Which points are available depends on the Source selected.

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<th>MTX Source</th>
<th>Input</th>
<th>Pre-Filter</th>
<th>Pre-Processing</th>
<th>Pre-Fader</th>
<th>Post-Fader</th>
<th>Post ON</th>
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<td>Input</td>
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<tr>
<td>Direct OUT</td>
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<tr>
<td>Master BUS</td>
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