



## S-Blender

Mini Mastering Console



The S-Blender is a mini mastering console with two stereo inserts for parallel / serial processing and it's a perfect tool for mixing and mastering. The five-step mode control changes the signal path and numerous combinations can be tested without reconnecting any outboard.

The first insert has a semi-fixed position and the second insert can be positioned at four different points in the signal path. At the push of a button the two inserts swap position and by using the mute buttons previewing can be done without altering the level controls. For easy integration The S-blender has a separate monitor section with a volume control and a mono switch. It's the optimal unit for two-stage compression combining parallel and serial compression in a clean and simple way.

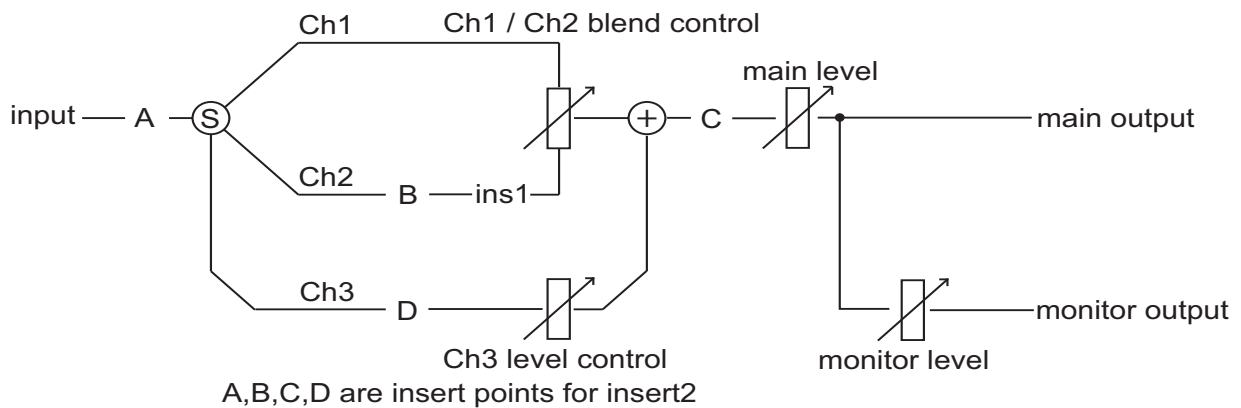
Mastering-grade circuits and a switch matrix with gold-plated relays guarantee maximum performance.

### Key Features

- \* Unique parallel and serial processing
- \* Gold plated relays
- \* Mastering grade performance
- \* Monitor section with volume control

With two outboard processors connected – for example two compressors, or a compressor and an EQ – numerous combinations can be achieved at the twist of a knob. Interfaced with a DAW and a monitoring system the S-blender can be used for both processing and monitor control.

## Function



The input signal is split into three separate channels:

Channel 1 is the unprocessed sound. Channel 2 has the Insert 1 inserted. Channel 3 is only active in Mode 5, and otherwise muted. Insert 2 moves around in the signal path depending on the mode setting. It's also possible to swap the position of the two inserts by pressing the swap button.

The three channels are followed by a mix point with a blend control between channel 1 and 2. When Mode 5 is enabled Channel 3 can be mixed into the signal with a separate volume control. The channel mute buttons cuts the signal without affecting the other channels making it possible to preview channels without altering any level controls.

Insert 1 is always inserted into channel 2 for parallel processing. Insert 2 can be placed at four different points in the signal-path.

## Modes

Mode 1 - Insert 1 active on channel 2 for parallel processing.

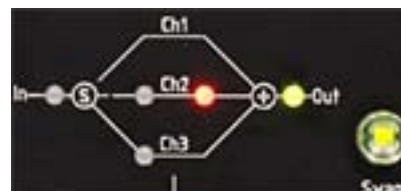
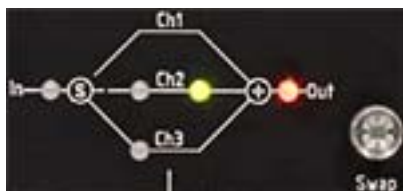
Mode 2 - Insert 2 is placed before the split point.

Mode 3 - Insert 2 is placed in series with insert 1.

Mode 4 - Insert 2 is placed after the mix point.

Mode 5 - Insert 2 is sent to channel 3 for parallel processing.

A green LED shows the position of Insert 1 and a red LED shows position of Insert 2.



## Swap

The swap switch change places of the two inserts.

Left picture shows insert 1 inserted into Ch2 and insert 2 inserted after the mix point as a main output insert. Right picture shows the position of the two inserts after pushing the swap switch. A separate page shows all 10 different modes.

**Main level**

The main level is placed right before the main output.

**Monitor section**

The monitor signal is fed directly from the output connectors through its own dedicated level control. A mono switch is also provided for checking mono compatibility. The mono switch does not affect the main signal.

**Chassi ground**

A chassi to audio ground jumper is located on the main circuit board right behind the Ch2 mute switch.

**115V / 230V main power**

A voltage selector is placed inside the unit to the right of the blue main transformer. The main fuse is located in the AC-inlet. Use 100mA for 230V and 200mA for 115V.

**Inputs and outputs**

All male connectors are outputs and all female connectors are inputs. All in- and outputs are electronically balanced.

Input impedance 24 Kohm. Output impedance 50 ohm.

**EU - Declaration of conformity****Product**

TK Audio S-Blender / Mini Mastering Console  
115v - 200mA, 230v - 100mA

**Manufacturer**

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**Halmstad, April 2013**

**Declaration of conformity**

I declare under my sole responsibility that this product, to which this declaration relates, is in conformity with the following standards:

EN55013, EN55020:2002, EN61000-3-2, EN61000-4-2 and EN60065

Following the provision of 73/23/EEC, 89/336/EEC and 93/68/EEC.

# Modes

Insert1 = Green Insert2 = Red Grey = muted, Ch3 only active in mode 5    ⊖ = splitpoint, ⊕ = mixpoint

