

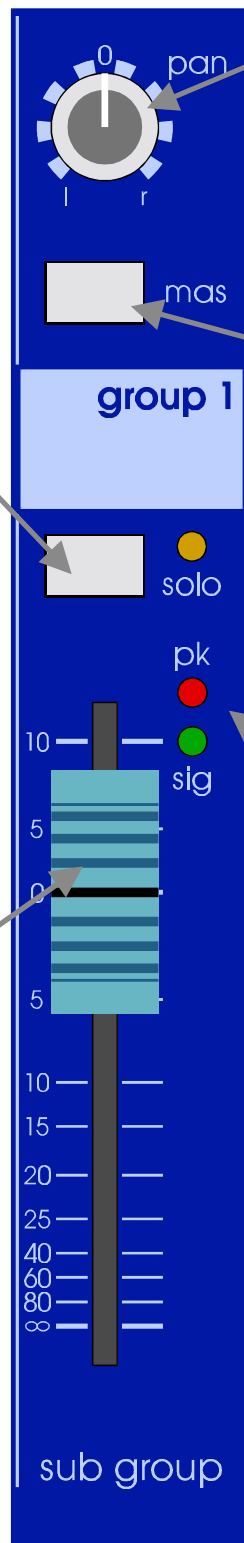
# MIDAS VENICE MASTER SECTION

The image shows a detailed view of the Midas Venice Master Section control panel, which is organized into several functional areas:

- fx 1 & fx 2:** Each has two send knobs (0 to +10) and two monitor knobs (mon 1 and mon 2, 0 to +10).
- 1 mon 2:** A central monitoring section with a grid of level meters (from -24 to +16 dB) and buttons for pfl, solo, and art-l/r.
- masters:** Left and right master sections with level meters and buttons for mute, solo, and pfl.
- talkback:** Includes level meters for phones a/b and speakers, and buttons for mas, tape source, solo, pfl, and tape in.
- return-routing:** Selects between 1-2, 3-4, and mas for both fx 1 and fx 2.
- return & send meters:** Four vertical meters for return and send levels, with a scale from 10 to 80 dB.
- aux 1 & 2:** Each has a send knob (0 to +10), a monitor knob (0 to +10), and buttons for pre/post, mute, and solo.
- pan & bal:** Pan knobs for mas and a balance knob with a mute button.
- group 1-4:** Sub group meters with solo, pk, and slg buttons.
- masters:** Master meters with solo, pk, and slg buttons.

The SOLO switch sends the group signal to the PFL / mono and AFL / stereo busses. If the switch is engaged the mon 1/2 meters are automatically used for solo metering

The GROUP faders give continuous adjustment of the sub group output levels from +10dB to off.



The PAN controls the group placement within the master stereo-mix and has a constant power law i. e. -3dB at the centre position and 0dB or off at either extreme setting.

The MAS switch connects the post fader group signals to the stereo master bus via the pan control.

The SIGNAL (-16dBu) PEAK (+16dBu) display monitors the signal level of the group bus.

The FX SEND control gives continuous adjustment of the FX send output level from +10dB to off with 0dB at the centre position of the rotary control.

The 1-2 switch connects the post fader FX- return left signal to the group 1 bus and right signal to the group 2 bus.

The 3-4 switch connects the post fader FX- return left signal to the group 3 bus and right signal to the group 4 bus.

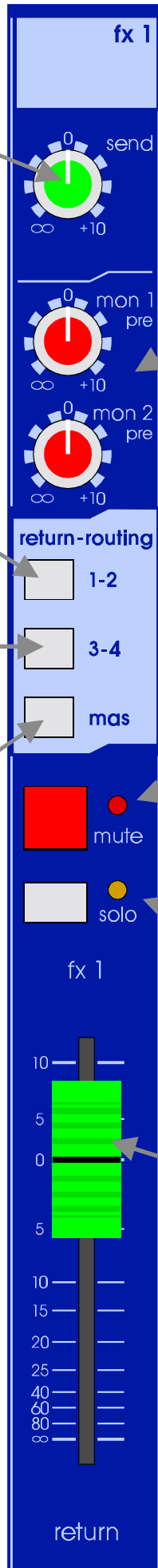
The MAS switch connects the post fader FX- return stereo signal to the stereo master bus.

The MON controls give continuous adjustment of the pre-fader signal sent from the FX-return channel to the MON buses. The level adjustment is from +10dB to off with 0dB at the centre position of the rotary control.

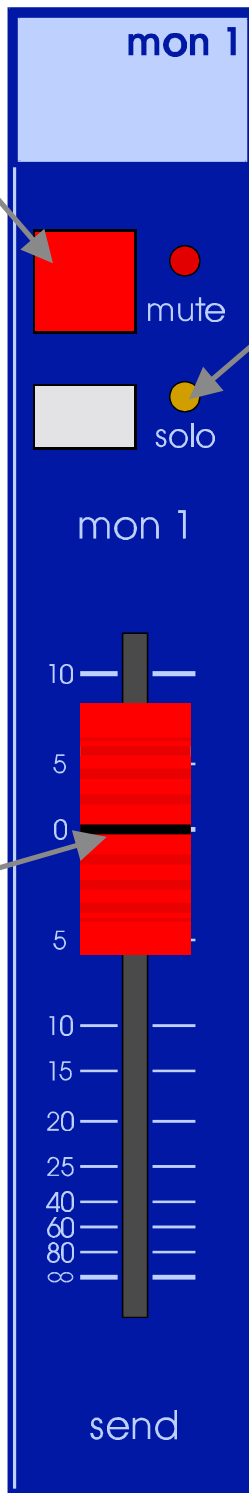
The MUTE switch mutes the FX-return at all points.

The SOLO switch sends the FX-return signal to the PFL / mono and AFL / stereo busses. If the switch is engaged the mon 1/2 meters are automatically used for solo metering

The FADER gives continuous adjustment of the FX- return level from +10dB to off.



The MUTE switch mutes the monitor send output signal.



The SOLO switch routes the monitor send signal to the PFL/mono and AFL/stereo busses. If the switch is engaged, the mon 1/2 meters are automatically used for solo metering.

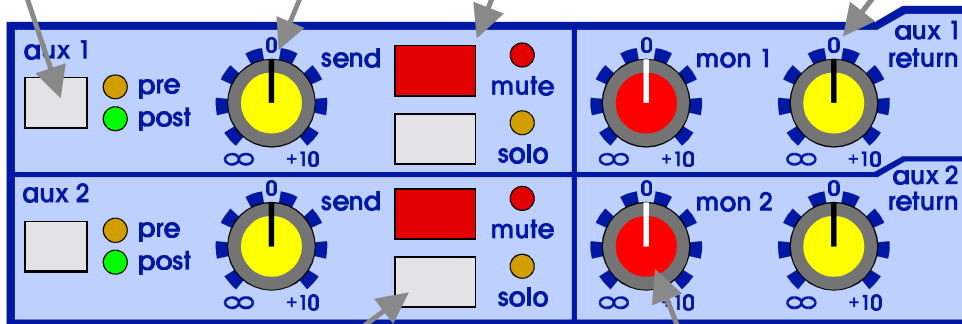
The MON SEND fader gives continuous adjustment of the monitor send signal from +10dB to off.

The global AUX PRE/POST switch configures the aux bus either in pre-fader (mon) or post-fader (fx) operation. The LEDs next to the switch provide indication of status.

The MUTE switch mutes the aux send output signal. It does not affect the aux return.

The AUX SEND control gives continuous adjustment of the aux send output level from +10dB to off with 0dB at the centre position of the rotary control.

The AUX RETURN control gives continuous adjustment of the stereo aux return level from +10dB to off with 0dB at the centre position of the rotary control. The aux return signals are directly routed to the L/R master busses.



The SOLO switch routes the aux send signal to the PFL/ mono and AFL/ stereo busses. Whenever a solo switch is engaged the man 1/2 display is automatically used for solo metering.

The MON controls give continuous adjustment of the level sent from the aux return to the MON busses. The level adjustment is from +10dB to off with 0dB at the centre position of the rotary control.

The TAPE inputs provide a feed from an unbalanced phono source to the stereo master busses or to phones and speakers outputs. The TAPE IN level control provides nominal adjustment from +20dB to off with 0dB at the centre position of the rotary control.

The MASTERS B rotary control gives continuous adjustment of the masters B (stereo/mono) output level from +10dB to off with 0dB at the centre position of the rotary control.

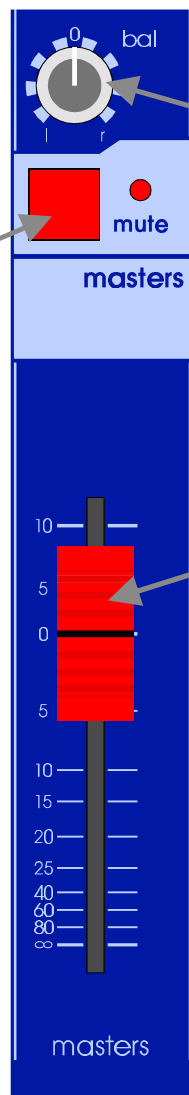
By the STEREO/MONO switch the Master B outputs can be configured in two modes. In STEREO mode the master b outputs are fed with the stereo left and right mix signals. In Mono mode they are fed with the summed left and right mix signal.

The MUTE switch mutes all signals sent to master and master b outputs. Only the Tape In signal to masters is not affected by the MUTE switch.



The MAS switch connects the TAPE IN signal to the master L/R busses right after the master mute switch. This allows i. e. background music during a show, even when the master mute switch is engaged. The MAS switch should be off during recording via TAPE OUT.

The PRE/POST switch changes the signals sent to the masters b outputs from pre master fader to post master fader.



The BAL control is used to balanced the relative levels of the left and right master signals that are sent to the masters outputs. The control has a constant power law, i. e. 0dB at the centre position and +3dB or off at either extreme setting.

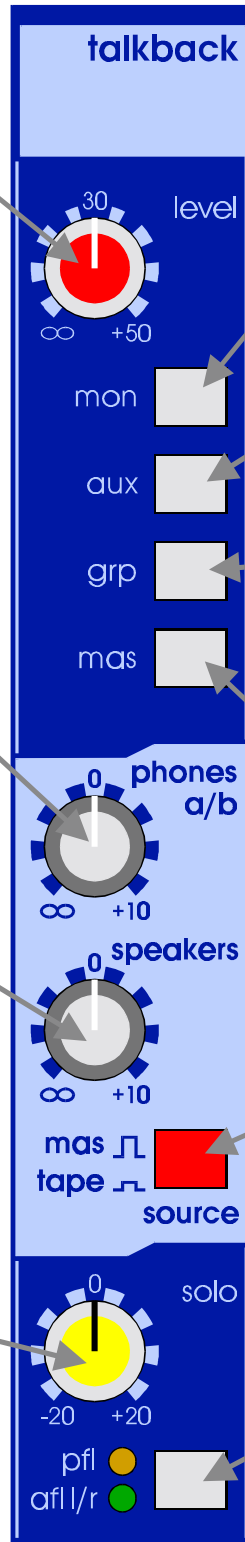
The stereo Fader gives continuous adjustment of the left and right mix levels from +10dB to off.

The talkback LEVEL control gives continuous adjustment of the talkback signal from +50dB to off. The talkback input accepts a maximum input level of +8dBu.

The PHONES level control gives continuous adjustment of the level from +10dB to off at the phones output a&b.

The SPEAKERS level control gives continuous adjustment of the signal at the speakers left and right output from +10dB to off with 0dB at the centre position of the rotary control.

The SOLO control adjusts the incoming solo level before sending it to the headphones and speaker outputs. The control range is -20dB to +20dB with 0dB in centre position.



The non-latching MON switch connects the talkback mic to mon1 and mon2 busses.

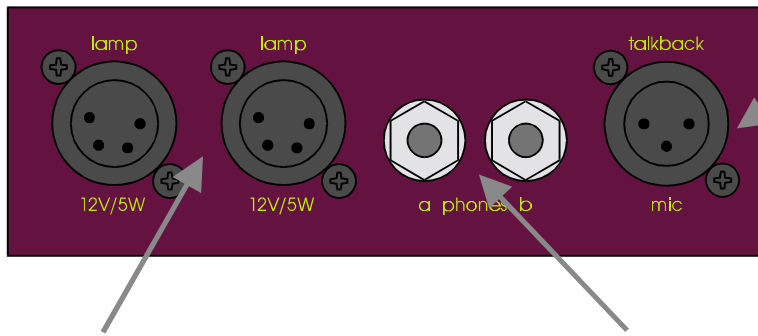
The non-latching AUX switch connects the talkback mic to aux1 and aux2 pre-busses.

The non-latching GRP switch connects the talkback mic to all group busses.

The non-latching MAS switch connects the talkback mic to left and right master busses.

The SOURCE switch controls whether the tape in or master signal is present at the headphones and control room speaker outputs, if no solo button is engaged.

If a solo button is engaged the PFL / AFL switch controls whether the mono pre fader listen or the stereo after fader listen signal is present at the headphones and control room speaker outputs.



The input for a TALKBACK Microphone is provided via a 3pin-female XLR connector. The +48V Phantom power is permanently connected which is suitable for condenser microphones.

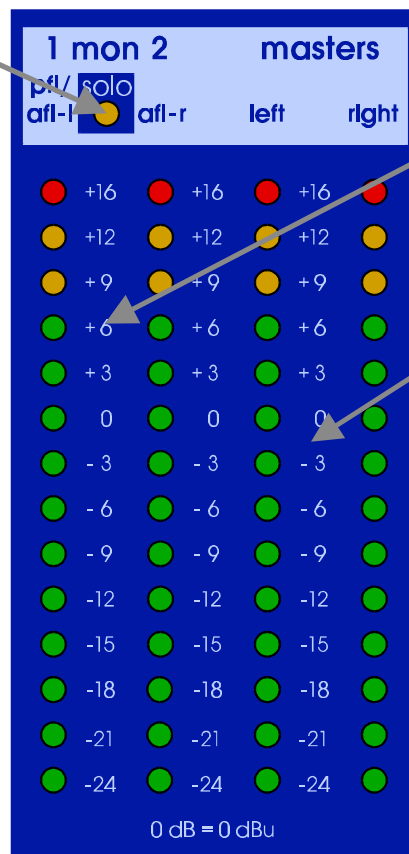
A convenient connection for two 12V desk lamps is provided via the 4pin-female XLR connectors. The power rating 5W is the maximum rating per output and **may not be exceeded.**

The 1/4 inch jack sockets provide stereo outputs for two PHONES. Both outputs are controlled via the phones rotary control.

Whenever a solo button is engaged the SOLO led turns on and the mon 1/2 metering is automatically used as solo meter.

In pfl-mode the mon1 meter displays the signal level in dBu of the selected solo source at the pre-fader position.

In afl-mode the mon1 (afl-l) and mon2 (afl-r) meters are active and display the signal levels in dBu in the stereo image at the after-fader position.



The MON meters display the post fader peak signal levels of the monitor outputs. Whenever a solo button is engaged the meter displays the peak signal levels of the selected pfl or afl solo source.

The MASTER meters monitor the peak signal levels of the master outputs left and right (post fader).