

Adjusting the input level (sensitivity) for each input via the front panel or the supplied control software ensures that the switcher can deliver maximum power out of the amplifier, output the proper signal on the Lineout and Preamp outputs, and prevent noticeable jumps in audio levels during input switching.

The input level (sensitivity) can be adjusted (-42 dB to +24 dB) for all of the inputs (including the Aux/Mix input).

NOTE The Auxiliary/Mix input level can be adjusted via the rear panel only. It cannot be adjusted via the control software.

Common output levels for audio source devices range from -20 dBV, unbalanced, to -4 dBu, balanced. If the input level sensitivity settings are not closely matched to the source devices' levels, the signal may be overdriven and distorted.

- Consumer portable devices such as personal CD players and laptops typically have fixed and/or variable unbalanced outputs. If connecting a variable level output to the switcher, you must make adjustments with the source's volume set to maximum.
- Consumer non-portable devices such as VCRs, DVD players, and computer sound cards typically output an unbalanced -10 dBV signal.
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Gain/attenuation	MLS amplifier power-up delays	Extron 15-pin to 5 BNC cable ada
-42 dB to +24 dB	8 seconds for 4/8 ohm output	(shown below).
Tone Bass: +/-10 dB at 100 Hz Treble: +/-10 dB at 10 kHz Loudness: +6 dB at 100 Hz/10 Sensitivity -20 dBV (-18 dBu, 100 mV)	kHz	Refer to the user's manual for deta

Signal: when lit this LED indicates that a signal of at least -20 dBV (-18 dBu) is detected at the input. 4. Once the desired level is reached, release the input button to save the audio settings.

- 5. Repeat steps 1-4 for each input
- Fine tune levels including bass, treble, and loudness once all output devices (speaker, amp, etc.) have been connected.

Loudness control automatically provides the correct amount of bass and at low levels. As volume decreases, the MLS automatically boosts the signal at 100 Hz and at 10 kHz. As volume is increased, the boost at those frequencies is decreased. By default this is set to Off. Use control software to turn it on.

Refer to the manual for details on how the loudness contour works with the MLS 406SA.

cessors typically output a balanced +4 dBu signal.	
There can be large variations in sources' output levels. Check manufacturers' specifications for details on devices connected to the switcher's inputs.	The three 15-pin HD inputs (inputs 4, 5, and 6) are, by default, configured for RGB computer video. They can be configured for video/S-video via RS-232 through the control software only.
MLS amplifier power-up delays +24 dB 8 seconds for 4/8 ohm output 10 dB at 100 Hz /-10 dB at 10 kHz s: +6 dB at 100 Hz/10 kHz // // /-18 dBu, 100 mV)	When an input is configured for video/S-video, use an Extron 15-pin to 5 BNC cable adapter (shown below).
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