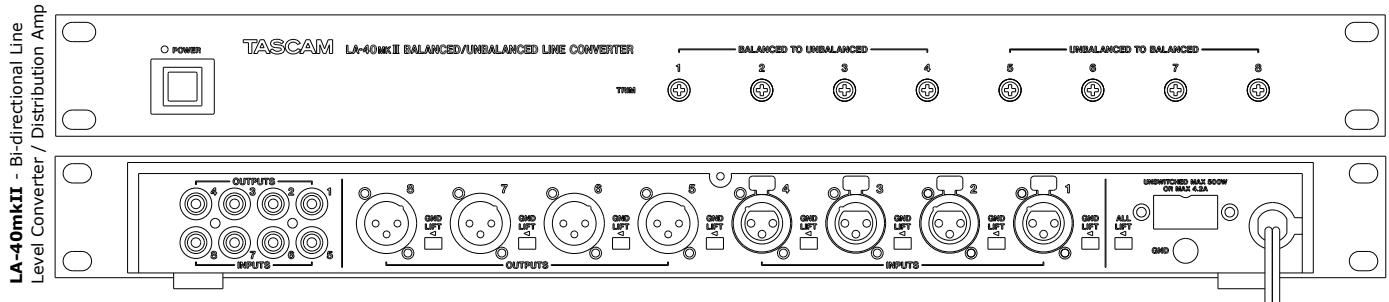


## PRODUCT OVERVIEW



TASCAM's LA-40mkII was built with the same top notch line level converters as the LA-80 and LA-81, but combines both directions of conversion in one box. Fine tuning trim pots are accessed on the front panel, offering  $\pm 6$ dB adjustment on individual outputs. Ground lift controls are available on each channel or globally for eliminating ground loops. A channel link matrix on the bottom of the LA-40mkII allows channels to be linked, utilizing the line amp as a distribution amplifier. This is great for splitting signals for distribution to multiple recorders or for multizone sound routing.

- Converts between Balanced and Unbalanced Line Levels
- Distribution Amp Function with Channel Uplink (*CH 5-8 Only*)
- $\pm 6$ dB Fine Tuning Trim Pots On Each Output
- Ground Lift Switches Per Output or Global
- Cascade 500W Power Outlet (*US/Canada Model Only*)
- Single Space Rack Mount Design
- Selectable  $+4/-20$ dBm Balanced Nominal Level

## APPLICATIONS

The LA-40mkII is designed to offer top quality line level conversion capabilities for studios, live installations, and mobile production systems.

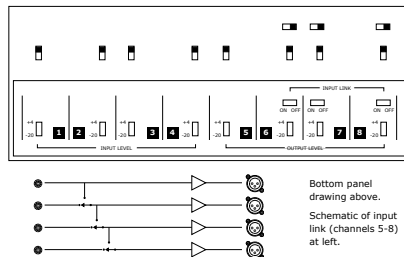
### Clubs - Live Theaters - Project and Production Studios

Whenever you need to integrate a combination of balanced and unbalanced equipment, use the LA-40mkII for the best quality line level conversion. Since the LA-40mkII offers bi-directional conversion in a one rack space box, it is the ideal box to connect balanced console ports to unbalanced source/mixdown decks.

## CHANNEL UPLINK FUNCTION

On the bottom of the LA-40mkII, there are switches that allow you to use the line amp in the LA-40mkII as a distribution amplifier. The switches will link a channel with the previous channel. (This only applies to channels 5-8.)

There are also several nominal level switches, allowing the adjustment of each channel for the optimal level.



## SPECIFICATIONS

### Performance Specifications:

Frequency Response:	20Hz-20kHz, $\pm 0.8$ dB
Signal to Noise Ratio:	>87dB (IHF A/DIN)
Total Harmonic Distortion:	<0.01% @ 1kHz
Crosstalk:	90dB @ 1kHz
Trim Range:	$\pm 6$ dB

### Channels 1-4 (Balanced to Unbalanced)

Input (Unbalanced RCA x4):	-10dBV, 34kOhms (Input Links Off)
Maximum Input Level:	+11dBV (3.5V), output set to +4dBm +35dBV (56V), output set to -20dBm
Output (Balanced XLR x4):	+4dBm (1.23V), output set to +4dBm -20dBm (0.0775V), output set to -20dBm
Maximum Output Level:	+25dBm (13.8V)

### Channels 5-8 (Unbalanced to Balanced)

Input (Balanced XLR x4):	+4dBm (1.23V), input set to +4dBm -20dBm (0.0775V), input set to -20dBm
Maximum Input Level:	+32dBm (30.8V), input set to +4dBm +8dBm (1.9V), input set to -20dBm
Output (Unbalanced RCA x4):	-10dBV, 10kOhms (1kOhm minimum)
Maximum Output Level:	+18dBV (7.9V)

### General Specifications:

Power Requirements:	120V AC, 60 (US/Canada Model) 230V AC, 50Hz (Europe Model) 240V AC, 50Hz (Australia)
Power Consumption:	6W
Dimensions:	482 x 48 x 196 mm (19" x 1-7/8" x 7-11/16")
Weight:	2.8Kg, 6.171 lbs