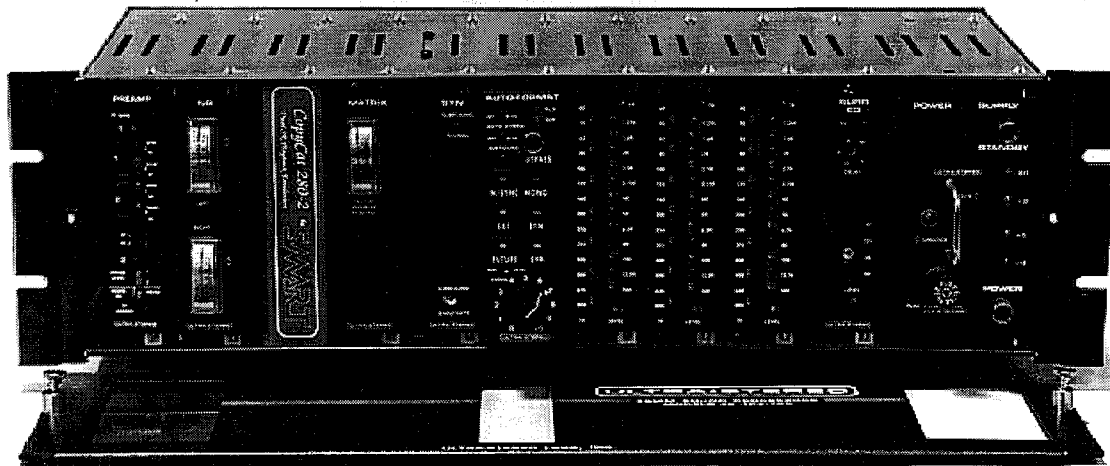


# INSTALLATION OF THE COPYCAT 280-2 INTO THE ULTRA\*STEREO JS SERIES PROCESSORS.



Installing the CopyCat 280-2 is as simple as plugging the card into the "future" card slot of the processor. No adjustment or calibration is necessary if the processor has been correctly calibrated for "Dolby" tone on the regular type "A" noise reduction cards.

To play Spectral Recording prints select the FUTURE button on the format card for the JS series, or the SR button on the JS-1000 processor. The SR format may also be selected by pulsing the FUTURE or SR terminals on the automation input terminal on the back of the processor.

## TECHNICAL NOTES:

If the new CopyCat 280-2 is used in a Front-Surround system, the matrix section of the new card is used when in the SR mode of operation. If the CopyCat 280-2 is used in a 4-channel system, the matrix section is not used.

There may be minor level differences between the two SR emulation modules due to level differences when setting up the preamp levels for the normal type "A" noise reduction system. Remove the metal cover on the CopyCat280-2 card and plug the card into the future slot. Adjust the null pot for the lowest surround signal while monitoring the booth monitor with Dolby tone playing. Normally this pot will not have to be adjusted unless there is an imbalance from the preamps.

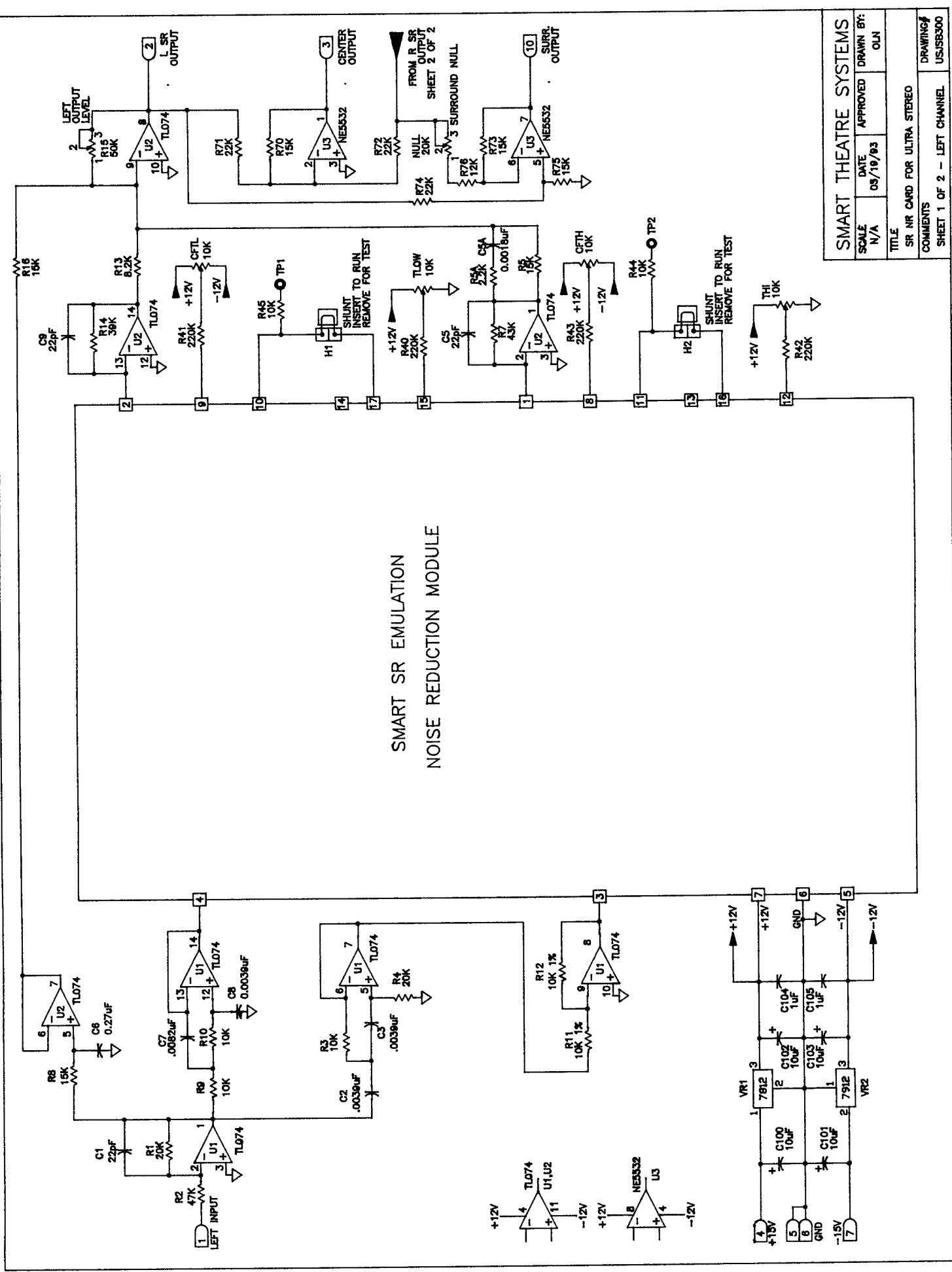
You will also notice two large level pots when you remove the metal cover. These set each SR channel for the proper output to the matrix. The factory has adjusted the output level to be 3 dB higher than the Type "A" noise reduction to compensate for the 3 dB lower average recording level typically found on SR soundtracks. These pots should not normally require any adjustment in the field.

Several calibration pots are also revealed when you remove the cover. These pots are factory set and marked with red paint after calibration by the factory Q.C. technicians. Do not change the settings. The jumpers and test points on the board are used by the factory for setup calibration of each module, and should not be changed in the field.

Note: The Stereo Processor must have The auto format card installed for the SR card to work. If you do not have this option, the card CopyCat 280-2 may not work.

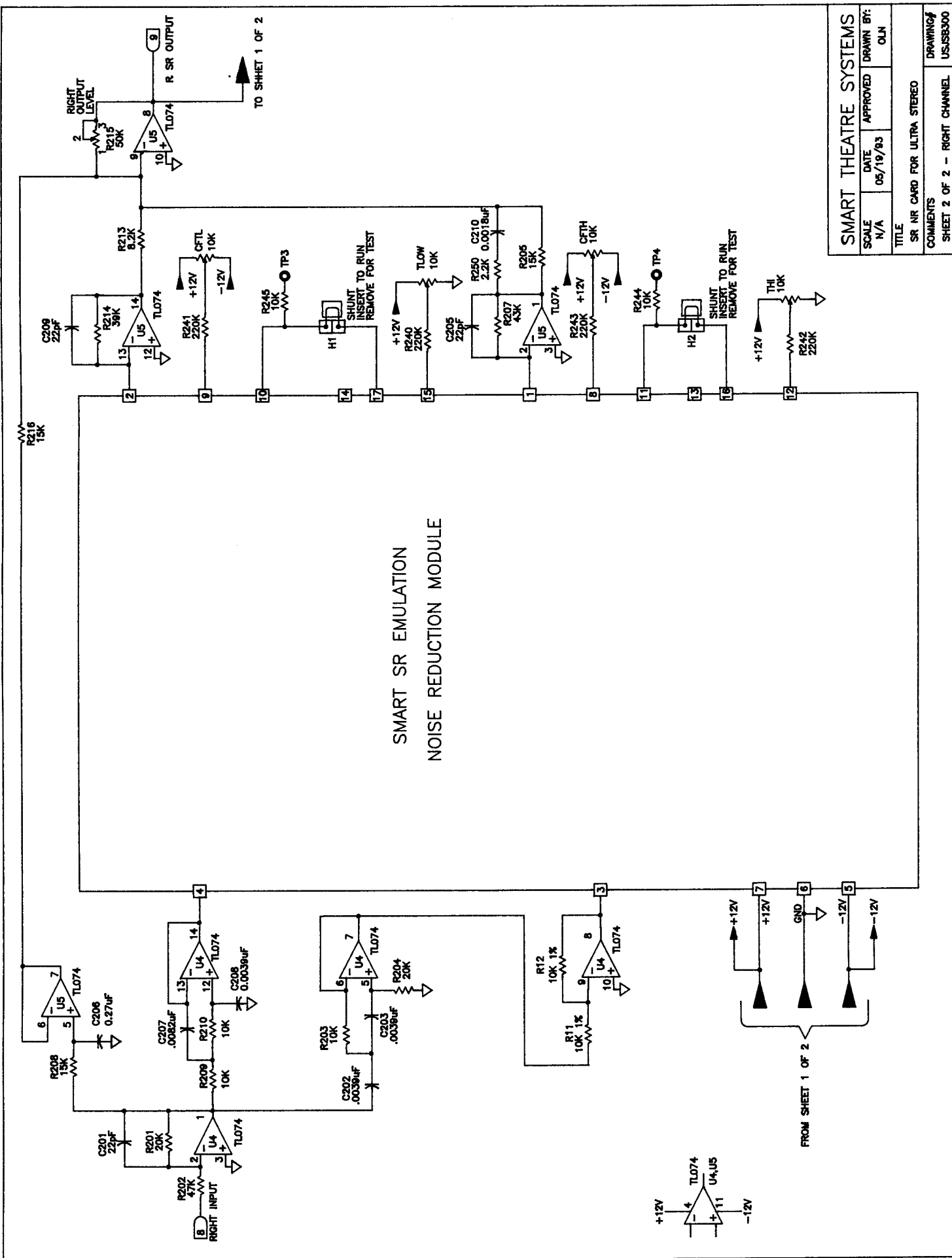
# SMART

(800) 45-SMART or (404) 449-6698

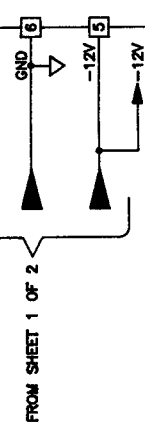
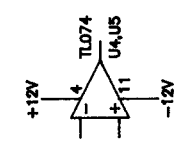


SMART SR EMULATION  
NOISE REDUCTION MODULE

SMART THEATRE SYSTEMS	
SCALE	DATE
N/A	09/19/93
APPROVED	DRAWN BY:
	OLN
TITLE	
SR NR CARD FOR ULTRA STEREO	
COMMENTS	
SHEET 1 OF 2 - LEFT CHANNEL	
DRAWING#	
USUSB300	



SMART THEATRE SYSTEMS	
SCALE	N/A
DATE	05/19/93
APPROVED	OLN
DRAWN BY:	OLN
TITLE	SR NR CARD FOR ULTRA STEREO
COMMENTS	SHEET 2 OF 2 - RIGHT CHANNEL
DRAWING#	USUSB300



FROM SHEET 1 OF 2