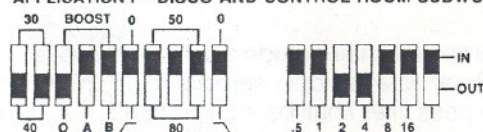
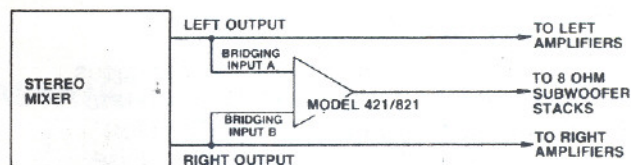


TYPICAL CONTROL SETTINGS

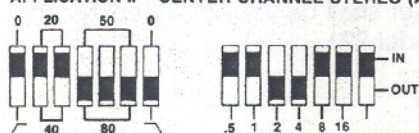
APPLICATION I - DISCO AND CONTROL ROOM SUBWOOFER MONITORING



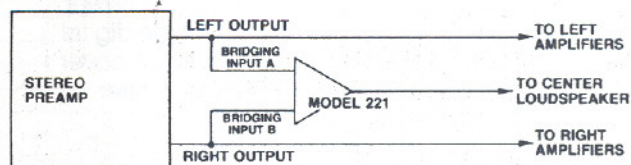
20 Hz HIGH PASS IN, NO BOOST,
80 Hz LOW PASS IN 6 dB OUTPUT ATTENUATION



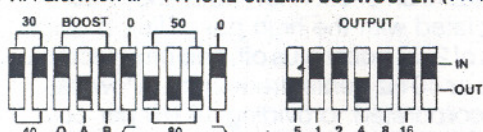
APPLICATION II - CENTER CHANNEL STEREO (A & B) FROM 2 CHANNEL SOURCE



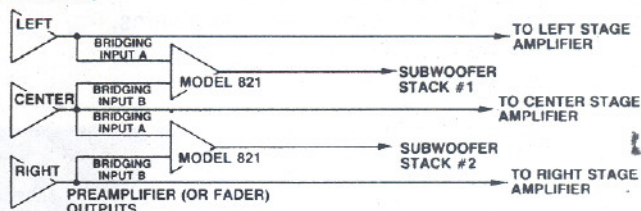
40 Hz HIGH PASS IN,
LOW PASS OUT, 6 dB OUTPUT ATTENUATION



APPLICATION III - TYPICAL CINEMA SUBWOOFER (TYPICAL 2 AMPLIFIERS)



20 Hz HIGH PASS IN, BOOST AT 40 Hz 2 dB,
50 Hz LOW PASS IN, 4.5 dB OUTPUT ATTENUATION



SPECIFICATIONS

SPECIFICATIONS	221	421	821
TYPE	TWO-INPUT, ONE-OUTPUT (BRIDGE) AMPLIFIER SINGLE OUTPUT AMPLIFIER TWO-CHANNEL (MONO) AMPLIFIER		
GAIN	27.3 dB	40.4 dB	40.4 dB (EACH CHANNEL)
CONTINUOUS AVERAGE POWER OUTPUT (20 Hz-20 kHz, 0.25% THD)	150 WATTS/8Ω	300 WATTS/8Ω 500 WATTS/4Ω	300 WATTS/8Ω 450 WATTS/4Ω (EACH CHANNEL)
FREQUENCY RESPONSE	±0.25 dB 20 Hz to 20 kHz		
HUM AND NOISE (REFERRED TO RATED OUTPUT)	-104 dB	-101 dB	-101 dB
INPUTS	TWO	TWO	TWO
INPUT ISOLATION	GREATER THAN 80 dB		
INPUT IMPEDANCE	15000 OHMS	15000 OHMS	15000 OHMS
INPUT SENSITIVITY FOR RATED OUTPUT	1.5 VRMS	0.47 VRMS	0.47 VRMS
CONTROLS	ONE ILLUMINATED POWER SWITCH, ONE DIGITAL LEVEL SETTING CONTROL PROVIDING 31.5 dB ATTENUATION IN HALF dB STEPS, PLUS OFF		
	ONE SEVEN POSITION DIGITAL BANDPASS FILTER SELECTOR, PROVIDING SELECTABLE 20 Hz OR 40 Hz HIGH PASS AT 12 dB PER OCTAVE, AND 50 Hz OR 80 Hz LOW PASS AT 18 dB PER OCTAVE.	ONE TEN-POSITION DIGITAL BANDPASS FILTER/EQUALIZER SELECTOR PROVIDING 20 Hz HIGH PASS AT 12 dB PER OCTAVE, 50 Hz or 80 Hz LOW PASS AT 18 dB PER OCTAVE AND VERY LOW FREQUENCY PEAKING EQUALIZATION, SELECTABLE AT 30 Hz OR 40 Hz (ASSOCIATED WITH THE HIGH PASS FILTER) WITH THREE STEPS OF 2 dB PROVIDING UP TO 6 dB PEAKING AT THE SELECTED FREQUENCY.	
POWER REQUIREMENTS	100-200 VAC, 50-60 Hz		
	AVG. 75 WATTS MAX. 225 WATTS	200 WATTS 600 WATTS	400 WATTS 1200 WATTS
OPERATING TEMPERATURE	UP TO 131°F (55°C) AMBIENT		
INPUT CONNECTORS	2) ¼-INCH PHONE PLUGS; 2) XLR-3 (BALANCED)		
OUTPUT CONNECTORS	FIVE-WAY BINDING POST		
DIMENSIONS	1¾"H x 19"W x 10¾"D (4.4CM x 48.26CM x 27.30CM)	5¼"H x 19"W x 10¾"D (13.33CM x 48.26CM x 27.30CM)	
WEIGHT	18 LBS. (8.2 KG)	22 LBS. (10.0 KG)	33 LBS. (15.0 KG)
OPTIONS	70 VOLT STEP-UP TRANSFORMER (MODELS 221/421) FAN SHROUD—MODELS 421 AND 821 ONLY PHASE COHERENT DUAL BI-FET DIFFERENTIAL INPUT(S)		