

Component Identification

1. Normal biamp output level adjust
2. Bypass level adjust
3. Normal indicator LED
4. Normal/Bypass switch
5. Bypass indicator LED
6. Screen & horn boost
7. Frequency switches "A"
8. Frequency switches "B"
9. Frequency switches "C"
10. Frequency switches "D"
11. Delay switches "X"
12. Delay switches "Y"

XTA-680 Switch Settings

Freq	A	B	C	D
300				
350	On			
400		On		
460	On	On		
500			On	
600		On	On	
640	On	On	On	
800				On
1000			On	On
1100		On	On	On
1200	On	On	On	On
Time ms		X	Y	
0.7				
1		On		
1.4			On	
1.8		On	On	

The XTA-680EA by Ultra ★ Stereo is an analog crossover board for use with a CM series Crossover Monitor Chassis and may provide three channels (Left, Center, Right) of Biamp crossover capability. The card is configured for individual requirements by simply setting banks of DIP switches. Then adjust the speaker levels using the potentiometers provided. A Speaker Chart is provided on the next page for many standard speakers. Screen and Horn boosts are also selectable by DIP switches to match the theater needs.

In case of a malfunction, Bypass circuitry is provided to crossover at about 400Hz and the potentiometer levels should be adjusted to match the normal volume as closely as possible. In use, there is only a two position switch for selecting "Normal" or "Bypass" operation.

Speaker Chart

	XO	DELAY
DEFAULT Biamp	800	0
EAW CB152	1200	0
EAW CB153	400	0
EAW CB259	620	0.6
EAW CB2591	500	1.1
EAW CB423MX	400	0.1
EAW CB523MX	400	0.1
EAW MC4953B	300	0.1
EAW MC4973B	300	0.1
EV TS550D-LX	500	1.7
EV TS550DMTLX	500	1.7
EV TS9040D-LX	500	1.7
EV TS940D-LX	650	0.7
EV TS-940S	800	0.7
EV TS992-LX	1160	0
EV TS993C	380	0
EV VARIPLEX-B	340	1.4
JBL 3115	340	0.4
JBL 3632	460	1
JBL 3678	1000	0
JBL 4622	640	1
JBL 4632	300	1
JBL 4670 D	800	0.7
JBL 4675C 4LF	500	1.9
KCS S-2001 D	800	0
KCS S-2001	800	0
KCS S-2501	800	0
KCS S-3001	500	1.8
KCS S-5001	500	1.8
KLIPSCH KPT-325	800	0
KLIPSCH KPT-535-N	500	0.7
KLIPSCH KPT-904-T	800	0
KLIPSCH KPT-941-T	500	1.2
KLIPSCH KPT-942	500	0.7
MARTIN SCREEN2	1100	0
MARTIN SCREEN4	640	0
SA S 26	1400	0
SA S 27	1300	0
WSS 952	800	0.7
WSS 953 X2	500	1.8
WSS 953	500	1.8
WSS 971	1000	0
WSS 982 D	400	0.7



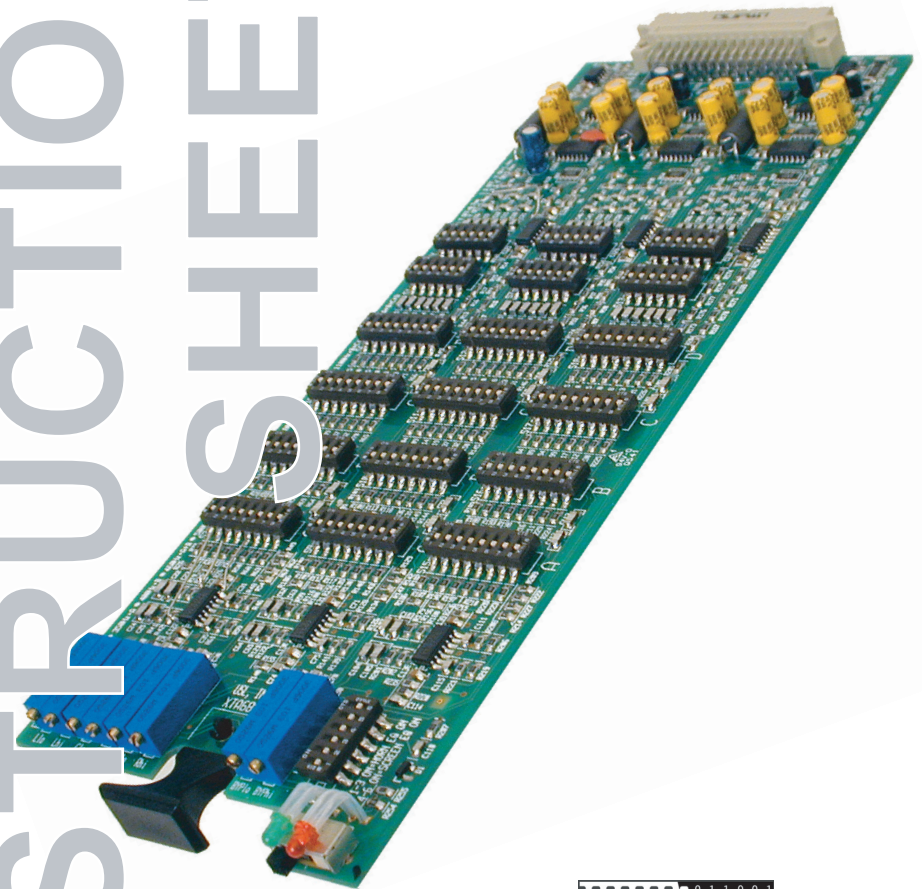
Precision Sound • Light • Color

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XTA-680EA

Analog Crossover Module

INSTRUCTION SHEET



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