

NOTES:

- 1) THE HIGH LEVEL INPUTS ARE INTENDED FOR SIGNALS WHICH HAVE BEEN "PRE-AMPED" TO 8.5Vpp(MAX). THESE INPUTS ARE DESIGNED FOR 8.0Vpp SIGNALS FROM THE MCCI 4x10 AUDIO DISTRIBUTION MODULE (#102001).  
DO NOT USE SPEAKER LEVEL SIGNALS WITH THIS AMP.
- 2) LINE LEVEL SIGNALS SHOULD BE 0.5Vpp - 2.0Vpp. NEVER APPLY SIGNALS TO THE LINE LEVEL INPUTS AND HIGH LEVEL INPUTS AT THE SAME TIME.
- 3) IF THE VOLUME CONTROL ENABLE PIN IS PULLED TO GROUND, THEN THE INTERNAL VOLUME ADJUST IS ENABLED. IF THE PIN IS LEFT FLOATING, THE VOLUME WITHIN THE AMP WILL BE ADJUSTED TO MAXIMUM AND THE VOLUME UP AND VOLUME DOWN INPUTS DO NOT CHANGE THE VOLUME SETTING.
- 4) THERE ARE TWO SEPERATE "REMOTE TURN ON" INPUTS FOR THIS AMP. ONE WILL ALLOW THE AMP TO BE TURNED ON WITH A "GROUND" INPUT AND THE OTHER WILL TURN THE AMP ON WITH A "HIGH" SIGNAL (FROM +12V TO +28V).
- 5) VOLUME STATUS LINES ARE OPEN COLLECTOR OUTPUTS (FUSED @ 0.25A).
- 6) DO NOT CONNECT ANY SPEAKER OUTPUT TO GROUND OR +28V.
- 7) FUSES: USE ONLY 6 AMP FAST BLOW. B2

REVISIONS			
REV	DESCRIPTION	DATE	APPR
A	CHANGED PIN 1 & 2 OF J2 TO "NC"; J2 PART # CHANGE	5/2/97	DLS
B 1	CHANGED SWITCH SETTINGS, 150 Hz & 180 Hz SWAPPED.	1/2/00	DLS
2	ADDED: "DR +28V" TO NOTE 6.		

J2 CONNECTOR DESCRIPTION	
PART NUMBER	DESCRIPTION
MD25MSR5NTO	CONNECTOR
WIRE DESCRIPTION	
PIN	DESCRIPTION
1	NC
2	NC
3	VOLUME UP (MOM. GND IN)
4	VOLUME CONTROL ENABLE
5	REMOTE TURN ON (GND IN)
6	VOLUME STATUS BIT 4
7	VOLUME STATUS BIT 2
8	VOLUME STATUS BIT 0
9	NC
10	NC
11	R+ AUDIO INPUT (LINE LEVEL)
12	AUDIO INPUT COMMON
13	L+ AUDIO INPUT (HIGH LEVEL) **
14	NC
15	NC
16	VOLUME DOWN (MOM. GND IN)
17	MUTE/PA KEY (GND IN)
18	REMOTE TURN ON (+12 - +28VDC)
19	VOLUME STATUS BIT 3
20	VOLUME STATUS BIT 1
21	NC
22	NC
23	NC
24	R+ AUDIO INPUT (HIGH LEVEL) **
25	L+ AUDIO INPUT (LINE LEVEL)

J1 CONNECTOR DESCRIPTION	
PART NUMBER	DESCRIPTION
MS3470L20-16P	CONNECTOR
WIRE DESCRIPTION	
PIN	DESCRIPTION
A	+28VDC
B	GROUND
C	SPEAKER R1+ (HIGH PASS)
D	SPEAKER R1- (HIGH PASS)
E	SPEAKER L1+ (HIGH PASS)
F	SPEAKER L1- (HIGH PASS)
G	SPEAKER R2+ (HIGH PASS)
H	SPEAKER R2- (HIGH PASS)
J	SPEAKER L2+ (HIGH PASS)
K	SPEAKER L2- (HIGH PASS)
L	NC
M	NC
N	SPEAKER R3+ (LOW PASS)
P	SPEAKER R3- (LOW PASS)
R	SPEAKER L3+ (LOW PASS)
S	SPEAKER L3- (LOW PASS)

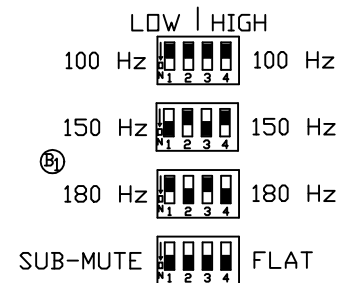
### DIAGNOSTIC LED

A diagnostic LED has been included to help with the installation/adjustment of this amplifier.

- LED OFF: NORMAL OPERATION
- LED BLINKING: CLIPPING IS OCCURRING IN THE OUTPUT SECTION.
- LED ON SOLID: WIRING ERROR OR APPROACHING THERMAL LIMIT.

### CROSSOVER SETTINGS

The LOW and HIGH sections can be set independently.



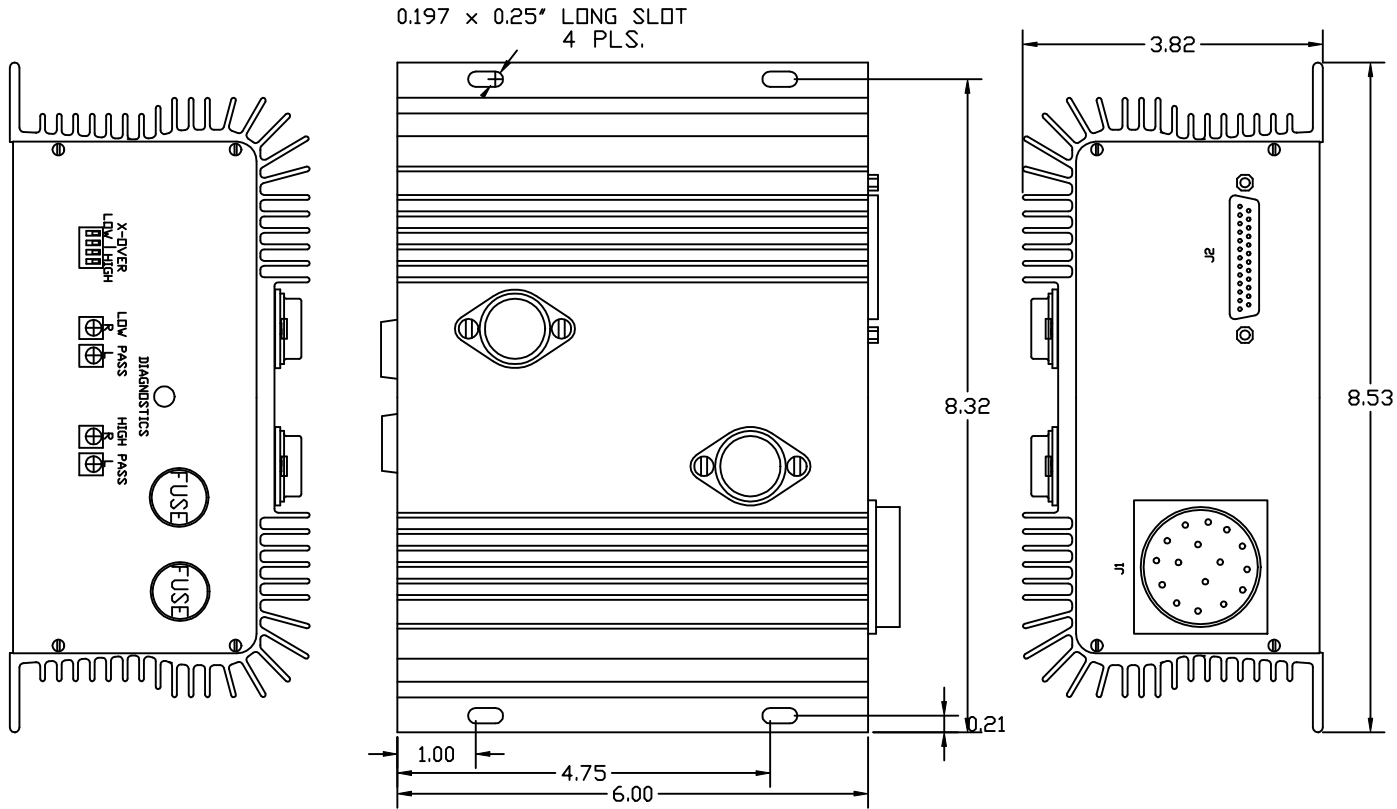
\*\* HIGH LEVEL INPUTS ARE DESIGNED TO ACCEPT "PRE-AMPED" AUDIO SIGNALS FROM THE MCCI AUDIO MUX./DISTRIBUTION BOX (MODEL#102001).  
DO NOT CONNECT SPEAKER LEVEL SIGNALS TO THIS AMPLIFIER.

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Mid Continent Controls, Inc. (316)789-0088  
219 S. Water, Derby, KS 67037

FINISH:		6 CHANNEL AMPLIFIER @ 25 WATTS/CHANNEL		
MATERIAL:	SIZE A	DRAWN DLS	DWG NO. 102002	REV B
TOLERANCE: ± 0.010" UNLESS NOTED	SCALE N/A	DATE 12/30/96	SHEET 1 OF 2	

REVISIONS			
REV	DESCRIPTION	DATE	APPR
SEE SHEET ONE FOR ALL REVISION NOTES.			



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Mid Continent Controls, Inc. (316)789-0088  
219 S. Water, Derby, KS 67037

FINISH: BLACK ANODIZE		6 CHANNEL AMPLIFIER @ 25 WATTS/CHANNEL		
MATERIAL: N/A	SIZE A	DRAWN DLS	DWG NO. 102002	REV B
TOLERANCE: ± 0.010" UNLESS NOTED	SCALE N/A	DATE 12/30/96	SHEET 2 OF 2	