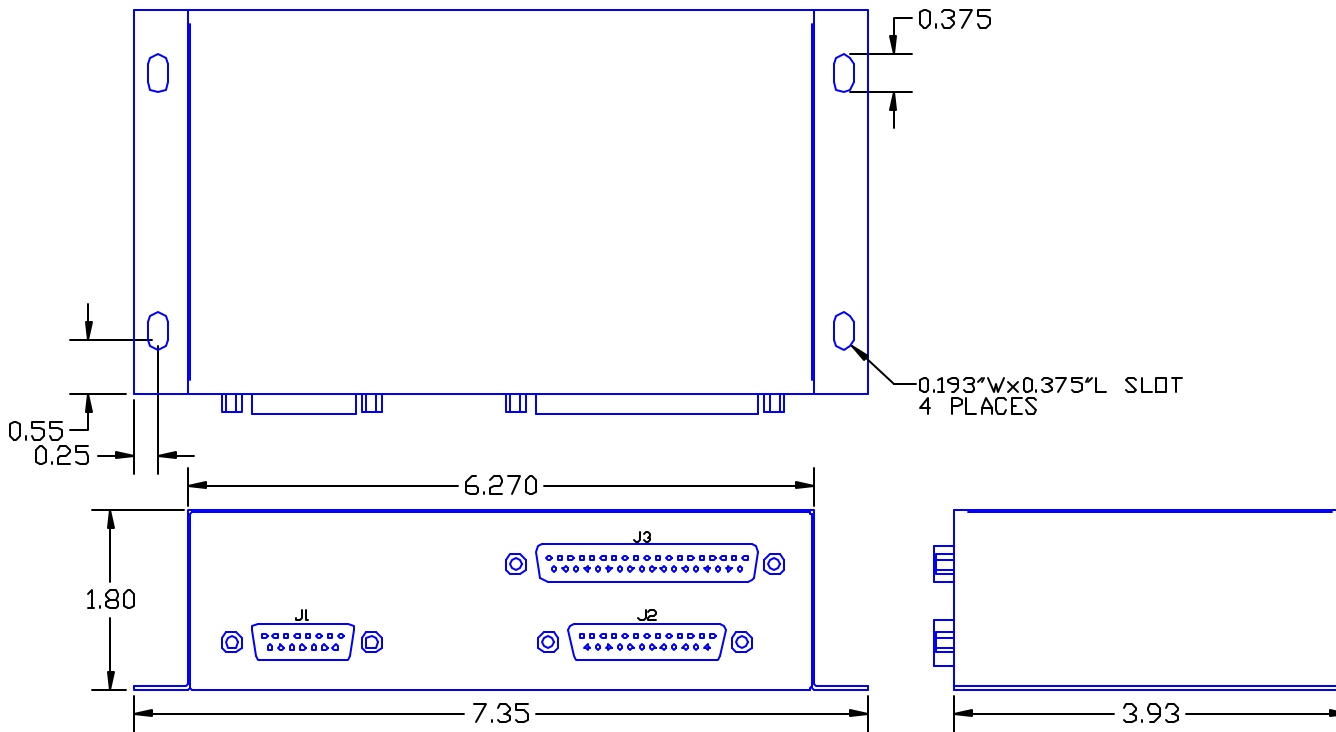


REVISIONS			
REV	DESCRIPTION	DATE	APPR



J3 CONNECTOR DESCRIPTION	
PART NUMBER	DESCRIPTION
747470-1	CONNECTOR
WIRE DESCRIPTION	
PIN	DESCRIPTION
1	+28V
2	GND
3	VF-CLK
4	PA KEY INPUT (MOM. GND)
5	#E SELECT (MOM. GND IN)
6	NO CONNECTION
7	NO CONNECTION
8	NO CONNECTION
9	NO CONNECTION
10	CHANNEL 1 - STATUS BIT 1
11	CHANNEL 2 - STATUS BIT 1
12	NO CONNECTION
13	NO CONNECTION
14	NO CONNECTION
15	NO CONNECTION
16	NO CONNECTION
17	NO CONNECTION
18	NO CONNECTION
19	NO CONNECTION
20	CHIME-NUTE (+28V IN)
21	VF-DATA
22	CHIME-NUTE (MOM. GND IN)
23	#I SELECT (MOM. GND IN)
24	NO CONNECTION
25	NO CONNECTION
26	NO CONNECTION
27	NO CONNECTION
28	CHANNEL 1 - STATUS BIT 0
29	CHANNEL 2 - STATUS BIT 0
30	NO CONNECTION
31	NO CONNECTION
32	NO CONNECTION
33	NO CONNECTION
34	NO CONNECTION
35	NO CONNECTION
36	NO CONNECTION
37	NO CONNECTION

J2 CONNECTOR DESCRIPTION	
PART NUMBER	DESCRIPTION
DBMA25P	CONNECTOR
WIRE DESCRIPTION	
PIN	DESCRIPTION
1	#1 LEFT AUDIO OUTPUT
2	AUDIO OUTPUT COMMON
3	#2 LEFT AUDIO OUTPUT
4	NO CONNECTION
5	TRACKING ENABLE (GND)
6	VOLUME ENABLE (GND)
7	CH #1 - VOLUME UP INPUT
8	CH #1 - VOLUME DN INPUT
9	#1 VOLUME STATUS BIT 0
10	#1 VOLUME STATUS BIT 1
11	#1 VOLUME STATUS BIT 2
12	#1 VOLUME STATUS BIT 3
13	#1 VOLUME STATUS BIT 4
14	#1 RIGHT AUDIO OUTPUT
15	#2 RIGHT AUDIO OUTPUT
16	NO CONNECTION
17	NO CONNECTION
18	NO CONNECTION
19	CH #2 - VOLUME UP INPUT
20	CH #2 - VOLUME DN INPUT
21	#2 VOLUME STATUS BIT 0
22	#2 VOLUME STATUS BIT 1
23	#2 VOLUME STATUS BIT 2
24	#2 VOLUME STATUS BIT 3
25	#2 VOLUME STATUS BIT 4

J1 CONNECTOR DESCRIPTION	
PART NUMBER	DESCRIPTION
747468-2	CONNECTOR
WIRE DESCRIPTION	
PIN	DESCRIPTION
1	CH 1 LEFT AUDIO INPUT *
2	CH 1 AUDIO LOW INPUT
3	CH 2 LEFT AUDIO INPUT *
4	CH 2 AUDIO LOW INPUT
5	CH 3 LEFT AUDIO INPUT *
6	CH 4 AUDIO LOW INPUT
7	CHANNEL 4 LEFT AUDIO
8	PA AUDIO INPUT - ***
9	CH 1 RIGHT AUDIO INPUT *
10	N/C ***
11	CH 2 RIGHT AUDIO INPUT *
12	CH 3 AUDIO LOW INPUT
13	CH 3 RIGHT AUDIO INPUT *
14	PA AUDIO INPUT + ***
15	CH 4 RIGHT AUDIO INPUT *

\* LINE LEVEL INPUTS:  
0.5Vpp - 15Vpp  
\*\* PA AUDIO INPUT IS AN AUDIO  
COUPLING TRANSFORMER.  
IMPEDANCE = 600 OHMS  
\*\*\* PINS MARKED "N/C" ARE  
GROUNDED INTERNALLY.

THIS DRAWING CONTAINS PROPRIETARY INFORMATION AND  
TECHNICAL MATERIAL THAT ARE THE SOLE PROPERTY OF  
MID CONTINENT CONTROLS, INC. THIS MATERIAL SHOULD BE  
TREATED AS CONFIDENTIAL BY ITS RECIPIENT AND SHOULD  
NOT BE SHOWN OR DISCLOSED TO ANY ORGANIZATION OR  
PERSON WITHOUT FIRST OBTAINING WRITTEN PERMISSION FROM  
MID CONTINENT CONTROLS, INC.

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

FINISH: BLACK ANODIZE		4x2 AUDIO SWITCHING AMPLIFIER W/VOLUME		
MATERIAL: N/A	SIZE A	DRAWN DLS	DWG NO. 102006	REV IR
TOLERANCE: ±0.010" UNLESS NOTED	SCALE 1:1	DATE 12/22/97	SHEET 1	OF 1