EXTERNAL ANALOG PINOUT		EXTERNAL DIGITAL PINOUT	

AMP/CHAMP 36 Pin DELTA

(Female on Console)

The EPP Parallel Port is the Same IEEE 1284-1994-C that is on the ICM

The RS232 Serial Port is the Same RJ11-6 that is on the ICM

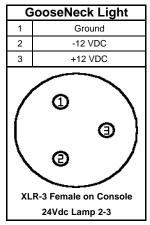| PIN #	Description	PIN #	Description
1	Analog Enable 8 Input (Contact Closure to Pin 19)	1	Digital Enable 8 Input (Contact Closure to Pin 19)
19	Ground	19	Ground
2	Analog Enable 9 Input (Contact Closure to Pin 20)	2	Digital Enable 9 Input (Contact Closure to Pin 20)
20	Ground	20	Ground
3	Analog Enable 10 Input (Contact Closure to Pin 21)	3	Digital Enable 10 Input (Contact Closure to Pin 21)
21	Ground	21	Ground
4	Analog Enable 11 Input (Contact Closure to Pin 22)	4	Digital Enable 11 Input (Contact Closure to Pin 22)
22	Ground	22	Ground
5	Analog Enable 8 Led - (Put LED across 5 & 23)	5	Digital Enable 8 Led - (Put LED across 5 & 23)
23	+5 Vdc	23	+5 Vdc
6	Analog Enable 9 Led - (Put LED across 6 & 24)	6	Digital Enable 9 Led - (Put LED across 6 & 24)
24	+5 Vdc	24	+5 Vdc
7	Analog Enable 10 Led - (Put LED across 7 & 25)	7	Digital Enable 10 Led - (Put LED across 7 & 25)
25	+5 Vdc	25	+5 Vdc
8	Analog Enable 11 Led - (Put LED across 8 & 26)	8	Digital Enable 11 Led - (Put LED across 8 & 26)
26	+5 Vdc	26	+5 Vdc
9	Analog 8 Power +10 Vdc	9	Digital Data 8 Input (Contact Closure to Pin 27)
27	Analog 8 GND	27	Ground
10	Analog Data 8 AIN +	10	Digital Data 9 Input (Contact Closure to Pin 28)
28	Analog Data 8 AIN -	28	Ground
11	Analog 9 Power +10 Vdc	11	Digital Data 10 Input (Contact Closure to Pin 29)
29	Analog 9 GND	29	Ground
12	Analog Data 9 AIN +	12	Digital Data 11 Input (Contact Closure to Pin 30)
30	Analog Data 9 AIN -	30	Ground
13	Analog 10 Power +10 Vdc	13	Digital Data 8 Led - (Put LED across 13 & 31)
31	Analog 10 GND	31	+5 Vdc
14	Analog Data 10 AIN +	14	Digital Data 9 Led - (Put LED across 14 & 32)
32	Analog Data 10 AIN -	32	+5 Vdc
15	Analog 11 Power +10 Vdc	15	Digital Data 10 Led - (Put LED across 15 & 33)
33	Analog 11 GND	33	+5 Vdc
16	Analog Data 11 AIN +	16	Digital Data 11 Led - (Put LED across 16 & 34)
34	Analog Data 11 AIN -	34	+5 Vdc
* The Same Pinout for Analog expansion 8-11 & 12-15		* The Same Pinout for Digital expansion 8-11 & 12-15	

INTERNAL ANALOG SLIDER 0-3 HEADER PINOUT (E20)

Analog Power +10 Vdc	RED	1	2	BLU	Ground (Jumper to pin 4)
Analog in + (Slider 0)	YEL	3	4	BLK	Analog in - (Jumper to pin 2)
Analog Power +10 Vdc	RED	5	6	BLU	Ground (Jumper to pin 8)
Analog in + (Slider 1)	YEL	7	8	BLK	Analog in - (Jumper to pin 6)
Analog Power +10 Vdc	RED	9	10	BLU	Ground (Jumper to pin 12)
Analog in + (Slider 2)	YEL	11	12	BLK	Analog in - (Jumper to pin 10)
Analog Power +10 Vdc	RED	13	14	BLU	Ground (Jumper to pin 16)
Analog in + (Slider 3)	YEL	15	16	BLK	Analog in - (Jumper to pin 14)

INTERNAL ANALOG SLIDER 4-7 HEADER PINOUT (E21)

Analog Power +10 Vdc	RED	1	2	BLU	Ground (Jumper to pin 4)
Analog in + (Slider 4)	YEL	3	4	BLK	Analog in - (Jumper to pin 2)
Analog Power +10 Vdc	RED	5	6	BLU	Ground (Jumper to pin 8)
Analog in + (Slider 5)	YEL	7	8	BLK	Analog in - (Jumper to pin 6)
Analog Power +10 Vdc	RED	9	10	BLU	Ground (Jumper to pin 12)
Analog in + (Slider 6)	YEL	11	12	BLK	Analog in - (Jumper to pin 10)
Analog Power +10 Vdc	RED	13	14	BLU	Ground (Jumper to pin 16)
Analog in + (Slider 7)	YEL	15	16	BLK	Analog in - (Jumper to pin 14)

Time Code In & Out

1/8" Balanced Female on Console	
Time Code +	Tip
Time Code -	Ring
Shield	Sleve

SLEVE RING TIP

GooseNeck Light

1	Ground
2	-12 VDC
3	+12 VDC

XLR-3 Female on Console
24Vdc Lamp 2-3

When Connecting wires to the Slide Pot,
Analog Power +10 Vdc is the Power to the top end of the Slide Pot.
Ground and AIN - are wired together to the bottom of the Slide Pot.
AIN + is wired to the wiper of the Slide Pot.

If Console is at the end of the Cable
a 150 ohm terminator should be across Blue & Cle

APC-4020 (Rear View)		Left	Center	Right
Media Pro Network	Blue Hose	Blue	Shield	Clear
ICM-4020 DIN48F		z4	b4	d4