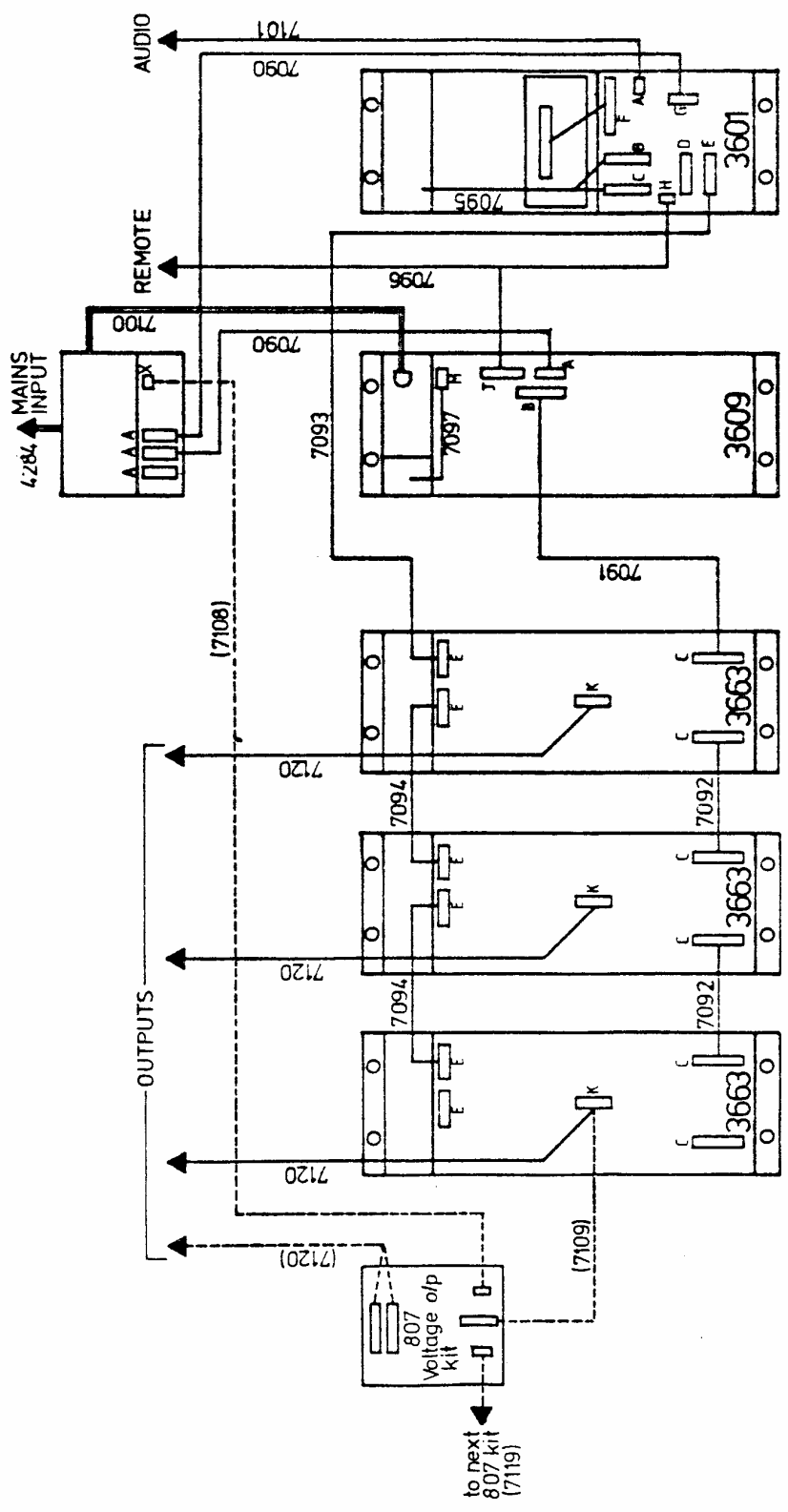
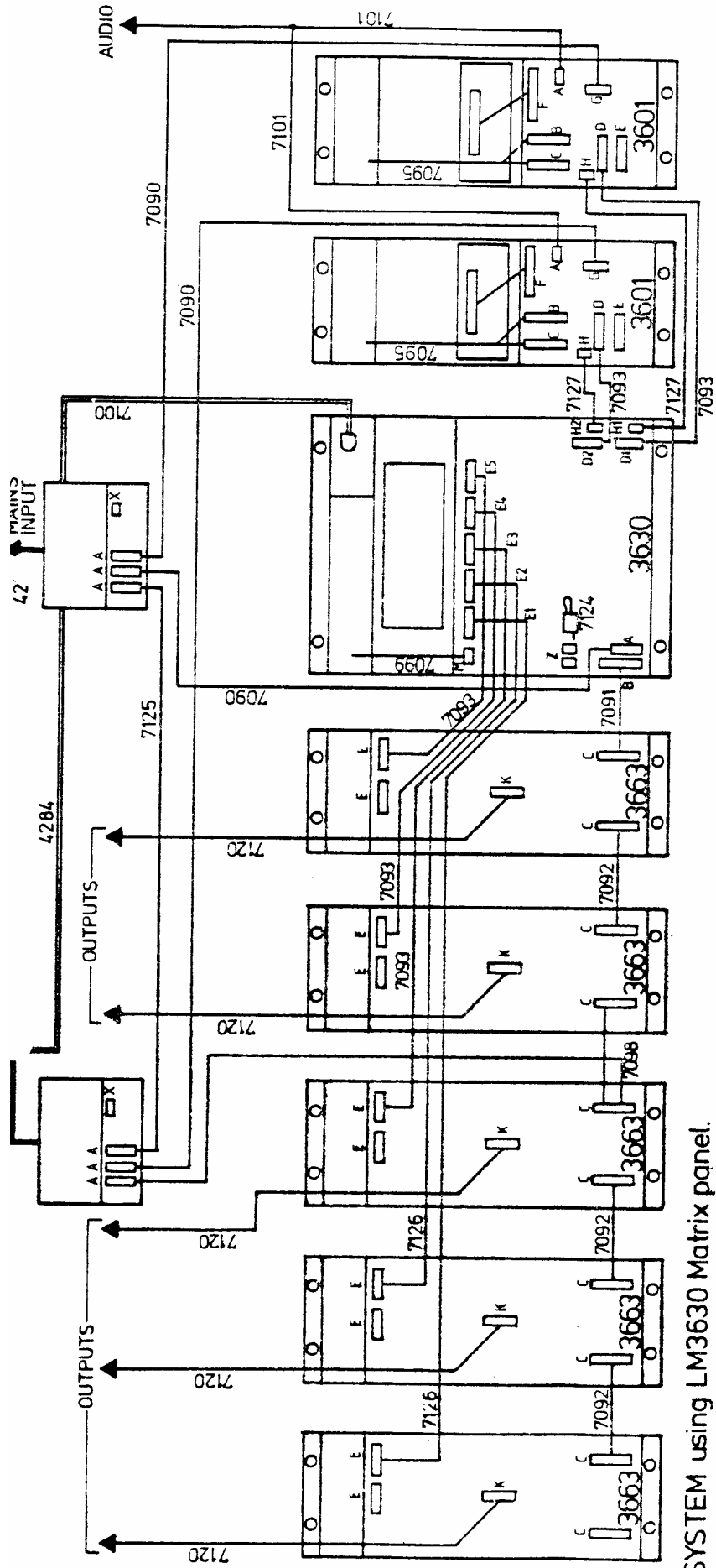

Lightmaster 3600

series

System connection information

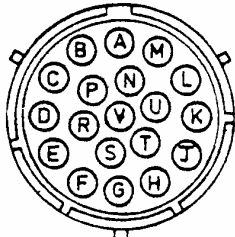


1. SIMPLE 18 Channel SYSTEM (1 x LM3601 Effects panel).



3. SYSTEM using LM3630 Matrix panel.

ALL CONNECTORS SHOW MATING FACE OF SOCKET OR WIRING SIDE OF PLUG. WIRING SIDE OF SOCKET IS MIRROR IMAGE.



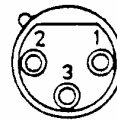
BICC-Burndy Metalok Bantam series. Size 16-19.

PIN	FUNCTION
A	Channel A1
B	" A2
C	" A3
D	" A4
E	" A5
F	" A6
G	" B1
H	" B2
J	" B3
K	" B4
L	" B5
M	" B6
N	" C1
P	" C2
R	" C3
S	" C4
T	" C5
U	" C6
V	0v reference



Cannon XLR-7 series or equivalent

PIN	FUNCTION
1	Channel 1
2	" 2
3	" 3
4	" 4
5	" 5
6	" 6
7	0v reference

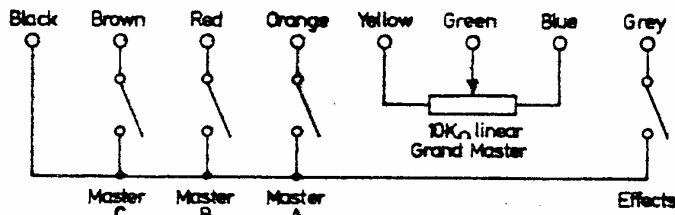


Cannon XLR-3 series or equivalent.

PIN	FUNCTION
1	Chassis
2	Signal LOW
3	Signal HIGH

Audio input required for correct effects operation is 100 mV to 50V rms (unbalanced), input impedance is 30K Ω .

CONNECTOR WIRING



REMOTE CONNECTIONS

CABLES USED IN LIGHTMASTER 3600 SYSTEM

OLD REF.	LOOM REF.	NO. OF WAYS	LENGTH (CM)	SUPPLIED WITH	USED TO CONNECT
A	7090	5	38	3601;3609;3630	Power from PSU 'A' to 3609, 3630 'A' or 3601 'G'.
B	7091	8	46	3609;3630	Power & Masters from 3609, 3630 'B' to 3663 'C'.
C	7092	8	23	3663	Power & Master daisy chain between 3663 'C's.
D	7093	6	62	3601;3630(3)	Effects from 3601 'E' to 3663 'E' Effects from 3601 'D' to 3630 'D' Output from 3630 'E' to 3663 'E'
E	7094	6	21	3663	Effects daisy chain between 3663 'E's
H	7095	8	33	3601*	3601 LED drive (B=pre-fade, C=post-fade).
J	7096	9	100	3609	Remote output. 7-way to 3609 'J' 2-way to 3601 'H'.
M	7097	2	20	3609*	POWER ON LED from 3609 'M'.
S	7098	8	75+23	Extra PSU	Power from 2nd PSU 'A' & Masters from 3663 'C' to next 3663 'C'.
-	7099	2	20	3630*	POWER ON LED from 3630 'M'
L	7100	3	50	3609*;3630*	Mains from PSU to switch/fuse.
P	7101	1	100	3601	Audio input to 3601 'A' (screened)
R	7102	1	85	3663*;3601*	Panel earthing lead to PSU chassis
T	7108	3	100	807 Kit	Power from PSU 'X' to 807 power in
U	7109	6	30	807 Kit	Signal from 3663 'K' to 807 signal in
-	7118	6	15	807 Kit	807 signal in for use with LM 611
V	7119	3	15	807 Kit	807 power daisy chain.
K	7120	7	500	3663	Output lead (XLR-7) from 3663 'K' (or 807 when fitted)
-	7124	1	-	3630	Preset Master pre- or post-solo selection (3630 'Z')
Z	7125	1	40	Extra PSU	System 0v link between 2 PSU 'A's
-	7126	6	100	3630 (2)	Longer 7093 for 3630 output to 3663
-	7127	2	62	3630 (2)	Effects inhibit from 3630 'H' to 3601 'H' (uses 3601 remote input)
-	4284	3	300	PSU	Mains input cable for PSU.

*=Pre-installed.

NOTES

PANEL EARTHING

Each LM3601 and LM3663 Panel is supplied with a green/yellow lead attached. These should be plugged in to the "FASTON" spades on the front of the PSU to earth the panels. (Omitted from diagrams for clarity).

POWER SUPPLY UNIT

Each PSU can drive a maximum of 6 panels in any combination, or one special combination of 7 panels (1 x LM3630, 1 x LM3601, 5 x LM3663). When more than one PSU is used, it is good practice to distribute the load evenly between them.

LM3601 EFFECTS PANEL

LED indicators can show effects either pre-fader or post-fader. Connect cable 7095 to either 'B' or 'C' connector respectively.

Take effects output for LM3663 Preset Panel from 'E' connector (cable 7093).

Effects can be connected to LM3663 panels in any combination. When using more than one LM3601 Panel, take care not to connect two sets of outputs together by plugging both into one LM3663 pair of connectors.

Take effects output for LM3630 Matrix Panel from 'D' connector (cable 7093). DO NOT CONNECT LM3601 'E' output to LM3630.

LM3630 MATRIX PANEL

Preset Master control can be made either pre-solo or post-solo buttons by changing position of link in 'Z' connectors.

VOLTAGE OUTPUT

When a voltage output is required from the desk (+ 10V or - 10V), a 6 channel kit (Zero 88 part no. 807), can be connected as shown in diagram 1 over.