

Unitel Mobile Video Inc
DT-12 Wiring Standard

Pair #	XLR Pin	Pair Color	DT-12 Pin
1	3	Black	6
1	2	Red	5
1	1	Shield	1
2	3	Black	7
2	2	White	3
2	1	Shield	2
3	3	Black	9
3	2	Green	8
3	1	Shield	4
4	3	Black	17
4	2	Blue	16
4	1	Shield	10
5	3	Black	18
5	2	Yellow	12
5	1	Shield	11
6	3	Black	20
6	2	Brown	19
6	1	Shield	13
7	3	Black	21
7	2	Orange	15
7	1	Shield	14
8	3	Red	29
8	2	White	24
8	1	Shield	23
9	3	Red	31
9	2	Green	30
9	1	Shield	25
10	3	Red	32
10	2	Blue	27
10	1	Shield	26

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DT-12 Wiring Standard

Pair *	XLR Pin	Pair Color	DT-12 Pin
11	3	Red	33
11	2	Yellow	28
11	1	Shield	22
12	3	Red	36
12	2	Brown	35
12	1	Shield	34

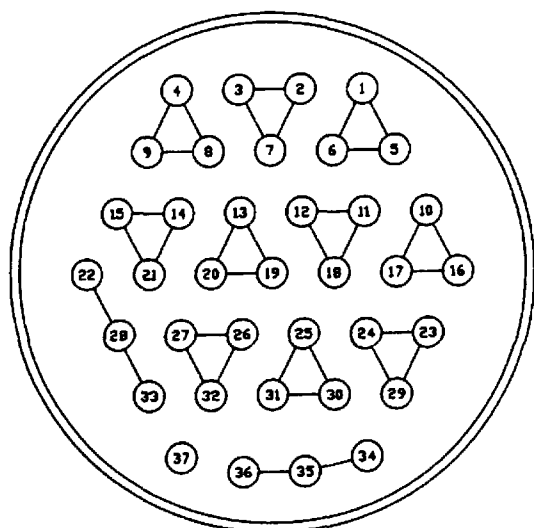
Note: 1 If Overall Shield is provided with cable used for DT-12 assy's,
Overall Shield connects to Pin 37.

2 Pin 3 is low. (-)
Pin 2 is High. (+)

3 Pin for pin compatible with NBC, CBS , Gepco Intl. Standards

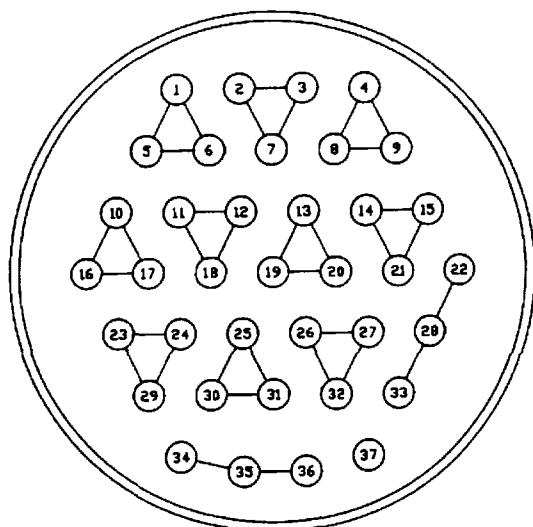
FK-37 FEMALE

VIEW OF SOLDER SIDE



FK-37 MALE

VIEW OF SOLDER SIDE



DT-9

	XLR	CANNON		XLR	CANNON
BROWN	1	24	VIOLET	1	24
1	2	R 3	7	R 2	13
	3	BK 1		BK 3	10
RED	1	24	GRAY	1	24
2	2	R 4	8	R 2	19
	3	BK 2		BK 3	16
ORANGE	1	24	BLACK	1	24
3	2	R 8	9	R 2	21
	3	BK 6		BK 3	14
YELLOW	1	24			
4	2	R 7			
	3	BK 5			
GREEN	1	24			
5	2	R 12			
	3	BK 9			
BLUE	1	24			
6	2	R 18			
	3	BK 15			

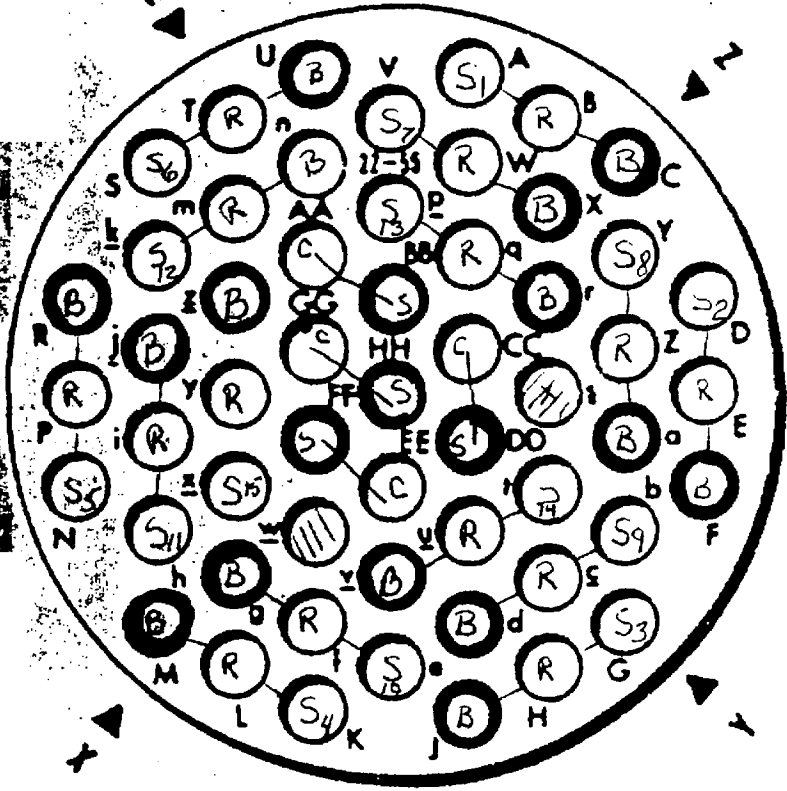
AMP 27 FAIR PARTS

<u>Number</u>	<u>Description</u>
225004-1	Gray Plastic Housing w/Release Handle (Typically Male)
225005-1	Gray Plastic Housing, Bulk Head Mount (Typically Female)
200227-4	Blue Plastic Male Connector Block
201358-3	Blue Plastic Female Connector Block
200788-2	Zinc Plated Male Guide Pin
203963-2	Zinc Plated Female Guide Pin
200773-2	Not for Guide Pins
66107-1	Contact Pin, Male, Gold Over Nickel
66109-1	Contact Pin, Female, Gold Over Nickel
	(Optional Pins w/Heavier Gold Plate over Nickel)
66107-4	Male
66109-4	Female

ORDER FROM:

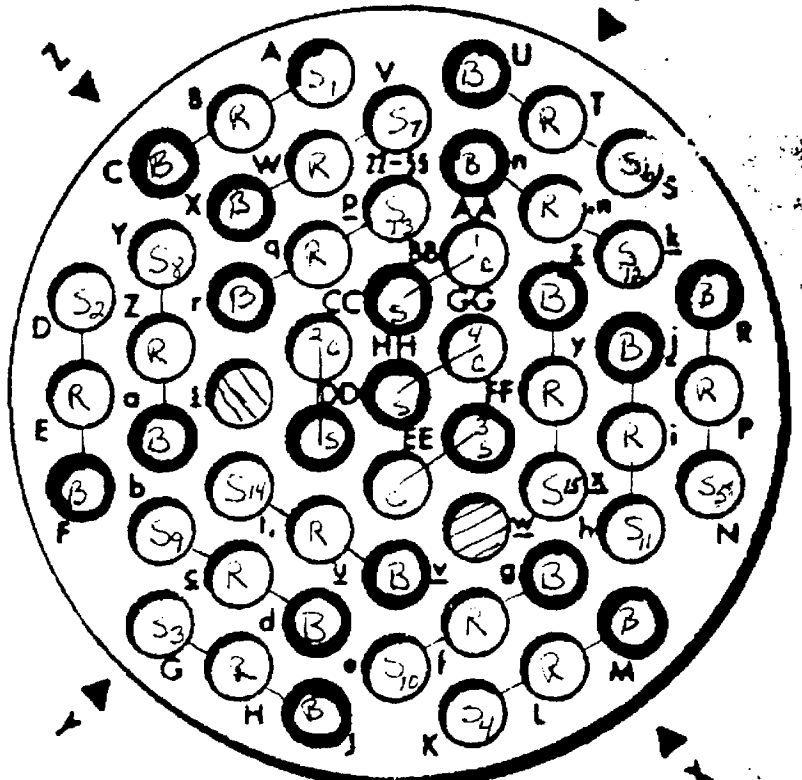
Amp Special Industries
Harrisburg, PA 17105

717/564-0100



MATING FACE PIN INSERT (P)
WIRING FACE SOCKET INSERT (S)

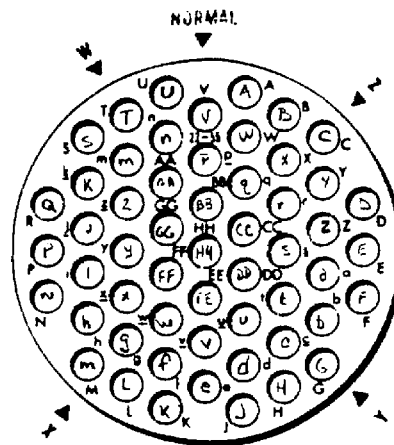
▼ INDICATES MASTER KEY



MATING FACE SOCKET INSERT (S)
WIRING FACE PIN INSERT (P)

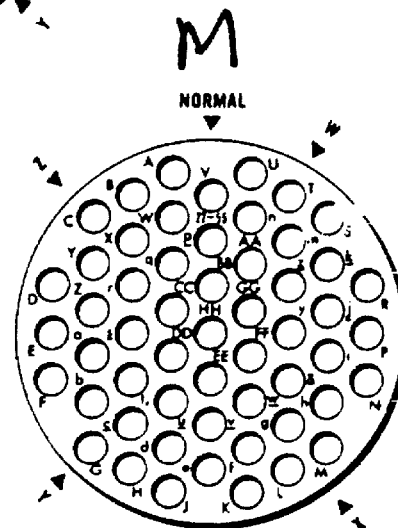
FUNCTION	MULTI	XLR	COLOR CO	FUNCTION	MULTI	COAX	COLO
Line 1	A	1	Shield	Video Line 1	AA	HI	Center
	B	2	Red T		BB	LO	Shield
	C	2	Black R	Video Line 2	CC	HI	Center
Audio Line 2	D	1	Shield		DD	LO	Shield
	E	2	White T	Video Line 3	EE	HI	Center
	F	3	Black R		FF	LO	Shield
Audio Line 3	G	1	Shield	Video Line 4	GG	HI	Center
	H	2	Green T		HH	LO	Shield
	J	3	Black R				
Audio Line 4	K	1	Shield				
	L	2	Blue T				
	M	3	Black R				
Audio Line 5	N	1	Shield				
	P	2	Brown T				
	R	3	Black R				
Audio Line 6	S	1	Shield				
	T	2	Yellow T				
	U	3	Black R				
Audio Line 7	V	1	Shield				
	W	2	Orange T				
	X	3	Black R				
Audio Line 8	Y	1	Shield				
	Z	2	Green T				
	a	3	Red R				
Line 9	b	1	Shield				
	c	2	White T				
	d	3	Red R				
Audio Line 10	e	1	Shield				
	f	2	Blue T				
	g	3	Red R				
Audio Line 11	h	1	Shield				
	i	2	Yellow T				
	j	3	Red R				
Audio Line 12	k	1	Shield				
	m	2	Brown T				
	n	3	Red R				
Audio Line 13	p	1	Shield				
	q	2	Orange T				
	r	3	Red R				
Audio Line 14	t	1	Shield				
	u	2	Blue T				
	v	3	Green R				
Audio Line 15	x	1	Shield				
	y	2	White T				
	z	3	Green R				

NOTE: Pins s and w are not used in the multicable connector.



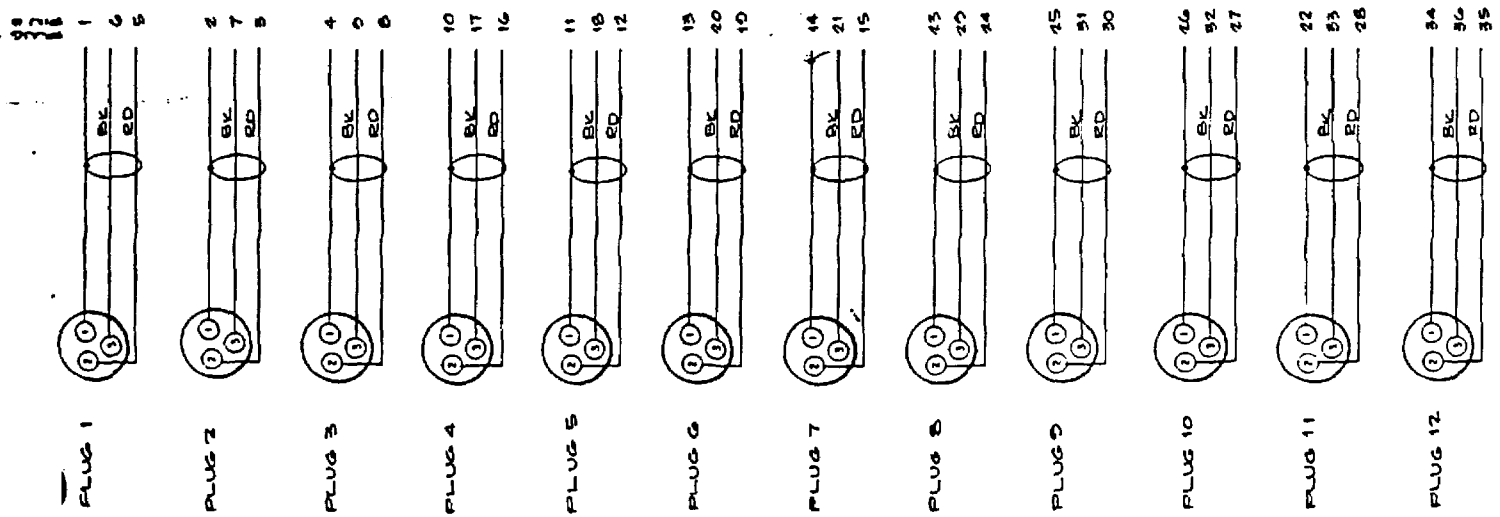
▼ INDICATES MASTER KEY

MATING FACE SOCKET INSERT (S)
WIRING FACE PIN INSERT (P)



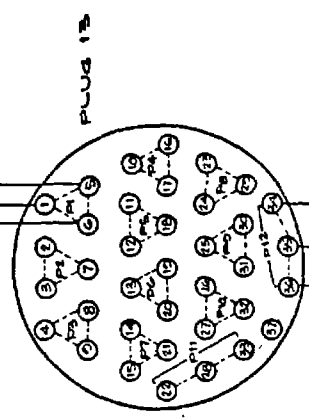
DT-12

	PIN 1	PIN 2	PIN 3
RT	SHEILD	RED	BLACK
1	BROWN 1	5	6
2	RED 2	3	7
3	ORANGE 4	8	19
4	YELLOW 10	16	17
5	GREEN 11	12	18
6	BLUE 13	19	20
7	VIOLET 14	15	21
8	GRAY 23	24	29
9	BLACK 25	30	31
0	BROWN-BK 26	27	32
1	RED-BK 22	28	33
2	GREEN-BK 34	35	36

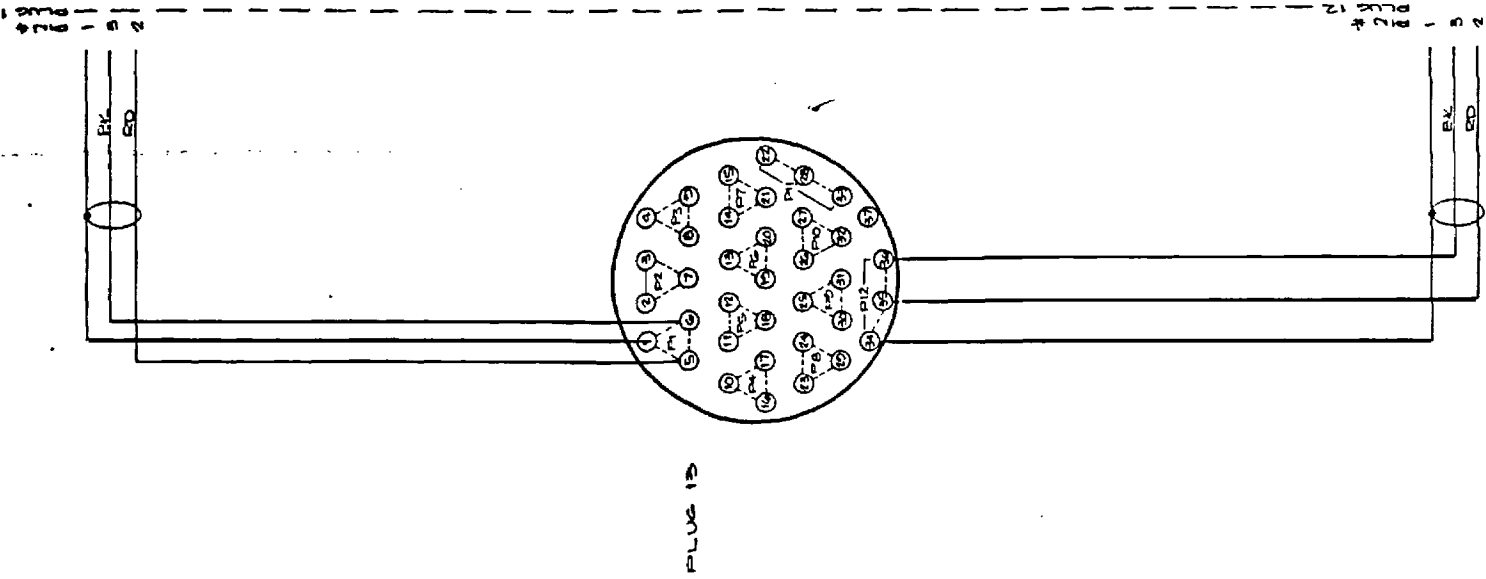


NOTES:

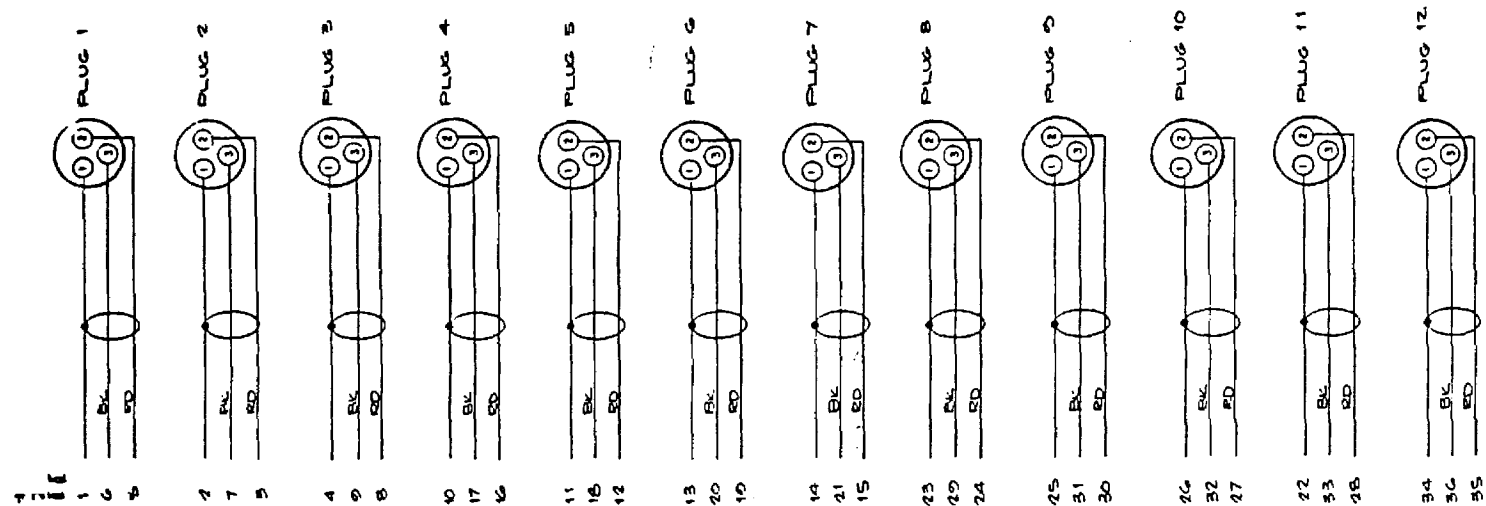
1. PLUGS 1 THRU 12 ARE CANNON KLR 3-12C (WAVE)
2. PLUG 13 IS CANNON KLR-37-21C-1 WITH BK 41 4 22 BBL 17/32 EXT (FEMALE)
3. CABLES 1 THRU 12 ARE M1 13323 B (EACH 4' LONG)



ISSUED 2-22-52 TWT/MG	
WAS ENG-23 AUG-52	
NATIONAL BROADCASTING CO., INC.	
ENGINEERING DEPARTMENT	
30 ROCKEFELLER PLAZA	
NEW YORK, N.Y. 10020	
SCHEMATIC DIAGRAM	
DT-12 BRIDGE	
TYPE 1	
RADIO CITY, N.Y.	
DRAWN BY	ENGINEER
DATE 11-15-77	REVISION
Dwg. NO. BAN 4-469	
SHEET 105	



PLUG 13



NOTES:

1. PLUGS 1 THRU 12 ARE CANNON XLR-3-11C (FEMALE)
2. PLUG 13 IS CANNON PK-37-22C-7/6 (MALE)
3. CABLES 1 THRU 12 ARE M1 15922 B (EACH 4' LONG)

ISSUE 2 1-9-23-B3 TWT/MG W44 DNG 4 BANG-42	
NATIONAL BROADCASTING CO., INC. ENGINEERING DEPARTMENT 30 ROCKEFELLER PLAZA NEW YORK, N.Y. 10020	
SCHEMATIC DIAGRAM DT-12 SPIDER TYPE 2 RADIO CITY, N.Y.	
DRAWN BY DATE 12-1-77	ENGINEER APPROVED <i>[Signature]</i>
DWG. NO. BAV4-469 SHEET 110	