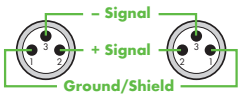
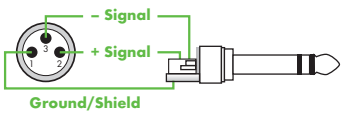
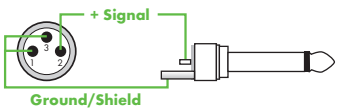


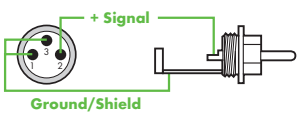
1 MICROPHONE CABLE BALANCED
(ACCORDING TO IEC-NORM):
XLR → XLR
PIN 1 → PIN 1: GROUND/SHIELD
PIN 2 → PIN 2: HOT
PIN 3 → PIN 3: COLD



2 MICROPHONE CABLE BALANCED:
XLR → STEREO PHONE PLUG
PIN 1 → PHONE PLUG SLEEVE: GROUND/SHIELD
PIN 2 → PHONE PLUG TIP: HOT
PIN 3 → PHONE PLUG RING: COLD



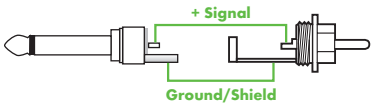
3 MICROPHONE CABLE UNBALANCED:
XLR → MONO PHONE PLUG
PIN 1 → PHONE PLUG SLEEVE: GROUND/SHIELD
PIN 2 → PHONE PLUG TIP: HOT
PIN 3 → PHONE PLUG SLEEVE: GROUND/SHIELD



4 MICROPHONE CABLE UNBALANCED:
XLR → RCA
PIN 1 → RCA SLEEVE: GROUND/SHIELD
PIN 2 → RCA TIP: HOT
PIN 3 → RCA SLEEVE: GROUND/SHIELD

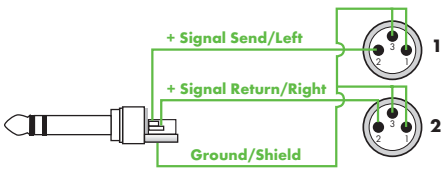
5 PHONE PLUG CABLE BALANCED/ STEREO:
PHONE PLUG STEREO → PHONE PLUG STEREO
PHONE PLUG SLEEVE → PHONE PLUG SLEEVE: GROUND/SHIELD
PHONE PLUG TIP → PHONE PLUG TIP: HOT/HOT LEFT
PHONE PLUG RING → PHONE PLUG RING: COLD/COLD RIGHT

6 PHONE PLUG CABLE UNBALANCED/ MONO:
PHONE PLUG MONO → PHONE PLUG MONO
PHONE PLUG SLEEVE → PHONE PLUG SLEEVE: GROUND/SHIELD
PHONE PLUG TIP → PHONE PLUG TIP: HOT

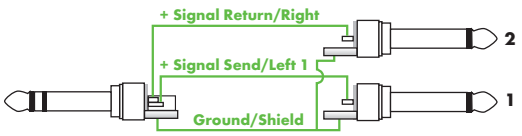


7 ADAPTER CABLE UNBALANCED/ MONO:
PHONE PLUG MONO → RCA
PHONE PLUG SLEEVE → RCA CASING: GROUND/SHIELD
PHONE PLUG TIP → RCA TIP: HOT

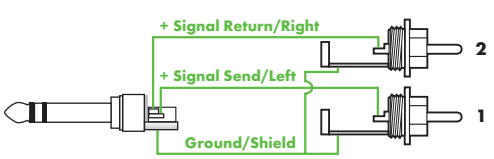
8 RCA CABLE UNBALANCED/ MONO:
RCA → RCA
RCA SLEEVE → RCA SLEEVE: GROUND/SHIELD
RCA TIP → RCA TIP: HOT



9 INSERT/ STEREO CABLE UNBALANCED:
PHONE PLUG STEREO → 2 x XLR
PHONE PLUG SLEEVE → PIN 1 + 3: GROUND/SHIELD
PHONE PLUG TIP → PIN 2 (XLR1): HOT SEND/LEFT
PHONE PLUG RING → PIN 2 (XLR2): HOT RETURN/RIGHT



10 INSERT/ STEREO CABLE UNBALANCED:
PHONE PLUG STEREO → 2 x PHONE PLUG MONO
PHONE PLUG SLEEVE → PHONE PLUG SLEEVE: GROUND/SHIELD
PHONE PLUG TIP → PHONE PLUG TIP (JACK 1): HOT SEND/LEFT
PHONE PLUG RING → PHONE PLUG TIP (JACK 2): HOT RETURN/RIGHT

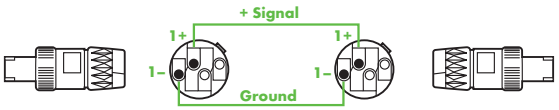


11 INSERT/ STEREO CABLE UNBALANCED:
PHONE PLUG STEREO → 2 x RCA
PHONE PLUG SLEEVE → RCA SLEEVE: GROUND/SHIELD
PHONE PLUG TIP → RCA TIP (RCA 1): HOT SEND/LEFT
PHONE PLUG RING → RCA TIP (RCA 2): HOT RETURN/RIGHT

Wiring diagrams ▸ SPEAKER CABLE

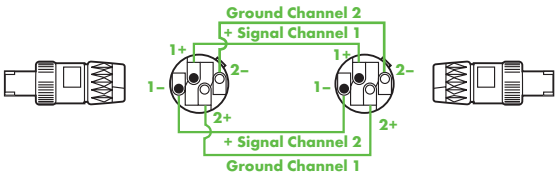
12 **SPEAKER CABLE** 2-WIRE:

SPEAKON → SPEAKON
PIN 1+ → PIN 1+: HOT
PIN 1- → PIN 1-: GROUND
PIN 2+ → N.C.
PIN 2- → N.C.



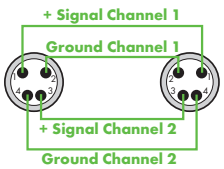
13 **SPEAKER CABLE** 4-WIRE:

SPEAKON → SPEAKON
PIN 1+ → PIN 1+ : HOT CHANNEL 1
PIN 1- → PIN 1- : GROUND CHANNEL 1
PIN 2+ → PIN 2+ : HOT CHANNEL 2
PIN 2- → PIN 2- : +GROUND CHANNEL 2



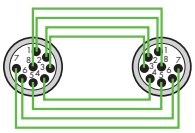
14 **SPEAKER CABLE** 4-WIRE:

EP 4-pin → EP 4-pin
PIN 1 → PIN 1: HOT CHANNEL 1
PIN 2 → PIN 2: GROUND CHANNEL 1
PIN 3 → PIN 3: HOT CHANNEL 2
PIN 4 → PIN 4: GROUND CHANNEL 2



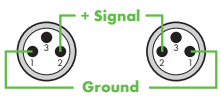
15 **SPEAKER CABLE** 8-WIRE:

EP 8-pin → EP 8-pin
PIN 1 → PIN 1: HOT CHANNEL 1
PIN 2 → PIN 2: GROUND CHANNEL 1
PIN 3 → PIN 3: HOT CHANNEL 2
PIN 4 → PIN 4: GROUND CHANNEL 2
PIN 5 → PIN 5: HOT CHANNEL 3
PIN 6 → PIN 6: GROUND CHANNEL 3
PIN 7 → PIN 7: HOT CHANNEL 4
PIN 8 → PIN 8: GROUND CHANNEL 4



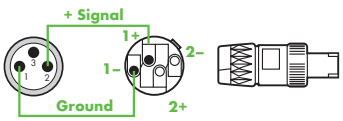
16 **SPEAKER CABLE** 2-WIRE:

XLR → XLR
PIN 1 → PIN 1: GROUND
PIN 2 → PIN 2: HOT
PIN 3 → N.C.



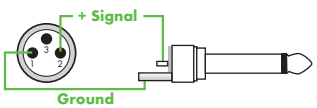
17 **SPEAKER ADAPTER CABLE** 2-WIRE:

XLR → SPEAKON
PIN 1 → 1- : GROUND
PIN 2 → 1+ : HOT
PIN 3 → 1+ : N.C.



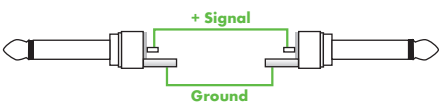
18 **SPEAKER ADAPTER CABLE** 2-WIRE:

XLR → PHONE PLUG MONO
PIN 1 → PHONE PLUG SLEEVE: GROUND
PIN 2 → PHONE PLUG TIP: HOT
PIN 3 → N.C.



19 **SPEAKER CABLE** 2-WIRE:

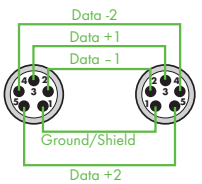
PHONE PLUG MONO → PHONE PLUG MONO
PHONE PLUG SLEEVE → PHONE PLUG SLEEVE: GROUND
PHONE PLUG TIP → PHONE PLUG TIP: HOT



Wiring diagrams ▸ DMX CABLE / MIDI CABLE

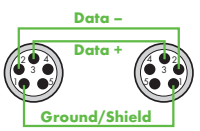
20 **DMX512 CABLE 5-PIN FULLY ASSIGNED:**
(ACCORDING TO USITT1990)

XLR 5-PIN → XLR 5-PIN
PIN 1 → PIN 1: GROUND/SHIELD
PIN 2 → PIN 2: DATA -1
PIN 3 → PIN 3: DATA +1
PIN 4 → PIN 4: DATA -2/RETURN CHANNEL
PIN 5 → PIN 5: DATA +2/RETURN CHANNEL



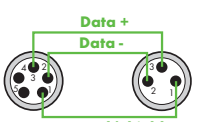
21 **DMX CABLE 5-PIN PARTIALLY ASSIGNED:**

XLR 5-PIN → XLR 5-PIN
PIN 1 → PIN 1: GROUND/SHIELD
PIN 2 → PIN 2: DATA -
PIN 3 → PIN 3: DATA +
PIN 4 → N.C.
PIN 5 → N.C.



22 **DMX ADAPTER CABLE PARTIALLY ASSIGNED:**
(ACCORDING TO USITT1990)

XLR 5-PIN → XLR 3-PIN
PIN 1 → PIN 1: GROUND/SHIELD
PIN 2 → PIN 2: DATA -
PIN 3 → PIN 3: DATA +
PIN 4 → N.C.
PIN 5 → N.C.



23 **DMX CABLE 3-PIN PARTIALLY ASSIGNED:**
(ACCORDING TO USITT1990)

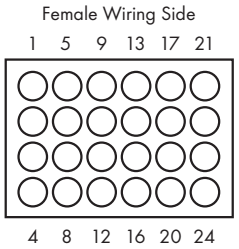
XLR 3-PIN → XLR 3-PIN
PIN 1 → PIN 1: GROUND/SHIELD
PIN 2 → PIN 2: DATA -
PIN 3 → PIN 3: DATA +

24 **MIDI CABLE:**

DIN 5-PIN → DIN 5-PIN
PIN 1 → N.C.
PIN 2 → GROUND/SHIELD
PIN 3 → N.C.
PIN 4 → DATA +
PIN 5 → DATA -

→ ANALOG AUDIO
→ RECORD (LEFT)
→ GROUND/SHIELD
→ PLAY (LEFT)
→ RECORD (RIGHT)
→ PLAY (RIGHT)

RECTANGULAR AUDIO CONNECTOR SYSTEMS 24-PIN



separate grounding up to 8 channels

25

Ch. No.	Hot +	Cold -	Gnd. (shield)
1	1	5	9
2	13	17	21
3	2	6	10
4	14	18	22
5	3	7	11
6	15	19	23
7	4	8	12
8	16	20	24

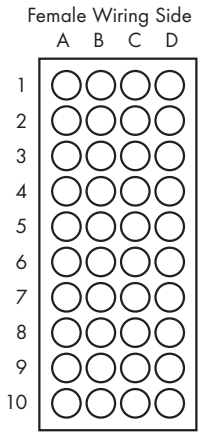
RECTANGULAR AUDIO CONNECTOR SYSTEMS 40-PIN

central grounding up to 12 channels

26

Ch. No.	Hot +	Cold -	Gnd. (shield)
1	1A	1B	⏚
2	1C	1D	⏚
3	2A	2B	⏚
4	2C	2D	⏚
5	3A	3B	⏚
6	3C	3D	⏚
7	4A	4B	⏚
8	4C	4D	⏚
9	5A	5B	⏚
10	5C	5D	⏚
11	6A	6B	⏚
12	6C	6D	⏚

For inputs see chart.
Returns starting with last pin:
Return 1:
Hot = 10A, Cold = 10B, Gnd = ⏚
Return 2:
Hot = 10C, Cold = 10D, Gnd = ⏚
etc.

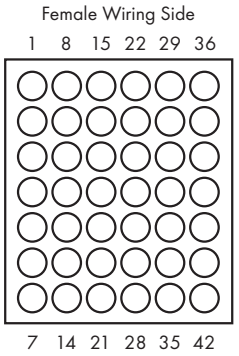


Option: separate grounding

27

Ch. No.	Hot +	Cold -	Gnd. (shield)	
1	1A	2A	3A	
2	4A	5A	6A	
3	7A	8A	9A	
4	1B	2B	3B	
5	4B	5B	6B	
6	7B	8B	9B	
7	1C	2C	3C	
8	4C	5C	6C	
9	7C	8C	9C	
10	1D	2D	3D	
11	4D	5D	6D	
12	7D	8D	9D	
n.c.	10A	10B	10C	10D

RECTANGULAR AUDIO CONNECTOR SYSTEMS 42-PIN



separate grounding up to 12 channels

28

Ch. No.	Hot +	Cold -	Gnd. (shield)
1	1	2	3
2	4	5	6
3	7	8	9
4	10	11	12
5	13	14	15
6	16	17	18
7	19	20	21
8	22	23	24
9	25	26	27
10	28	29	30
11	31	32	33
12	34	35	36

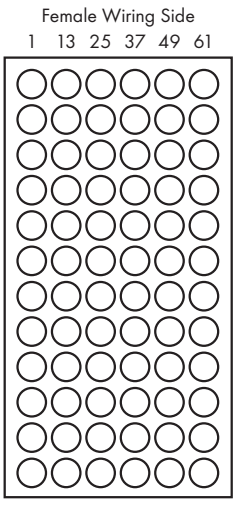
RECTANGULAR AUDIO CONNECTOR SYSTEMS 72-PIN

central grounding up to 24 channels

29

Ch. No.	Hot +	Cold -	Gnd. (shield)	Ch. No.	Hot +	Cold -	Gnd. (shield)
1	1	2	⏚	**13**	25	26	⏚
2	3	4	⏚	**14**	27	28	⏚
3	5	6	⏚	**15**	29	30	⏚
4	7	8	⏚	**16**	31	32	⏚
5	9	10	⏚	**17**	33	34	⏚
6	11	12	⏚	**18**	35	36	⏚
7	13	14	⏚	**19**	37	38	⏚
8	15	16	⏚	**20**	39	40	⏚
9	17	18	⏚	**21**	41	42	⏚
10	19	20	⏚	**22**	43	44	⏚
11	21	22	⏚	**23**	45	46	⏚
12	23	24	⏚	**24**	47	48	⏚

For inputs see chart. Returns starting with last pin:
Return 1: Hot = 72, Cold = 71, Gnd = ⏚
Return 2: Hot = 70, Cold = 69, Gnd = ⏚ ...etc.



separate grounding up to 24 channels

30

Ch. No.	Hot +	Cold -	Gnd. (shield)	Ch. No.	Hot +	Cold -	Gnd. (shield)
1	1	2	3	**13**	37	38	39
2	4	5	6	**14**	40	41	42
3	7	8	9	**15**	43	44	45
4	10	11	12	**16**	46	47	48
5	13	14	15	**17**	49	50	51
6	16	17	18	**18**	52	53	54
7	19	20	21	**19**	55	56	57
8	22	23	24	**20**	58	59	60
9	25	26	27	**21**	61	62	63
10	28	29	30	**22**	64	65	66
11	31	32	33	**23**	67	68	69
12	34	35	36	**24**	70	71	72

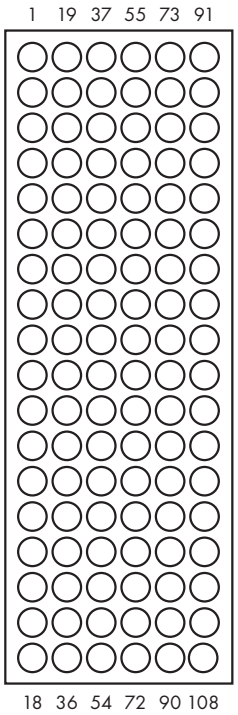
RECTANGULAR AUDIO CONNECTOR SYSTEMS 108-PIN

central grounding up to 48 channels

31

Ch. No.	Hot +	Cold -	Gnd. (shield)	Ch. No.	Hot +	Cold -	Gnd. (shield)
1	1	2	⏚	**25**	49	50	⏚
2	3	4	⏚	**26**	51	52	⏚
3	5	6	⏚	**27**	53	54	⏚
4	7	8	⏚	**28**	55	56	⏚
5	9	10	⏚	**29**	57	58	⏚
6	11	12	⏚	**30**	59	60	⏚
7	13	14	⏚	**31**	61	62	⏚
8	15	16	⏚	**32**	63	64	⏚
9	17	18	⏚	**33**	65	66	⏚
10	19	20	⏚	**34**	67	68	⏚
11	21	22	⏚	**35**	69	70	⏚
12	23	24	⏚	**36**	71	72	⏚
13	25	26	⏚	**37**	73	74	⏚
14	27	28	⏚	**38**	75	76	⏚
15	29	30	⏚	**39**	77	78	⏚
16	31	32	⏚	**40**	79	80	⏚
17	33	34	⏚	**41**	81	82	⏚
18	35	36	⏚	**42**	83	84	⏚
19	37	38	⏚	**43**	85	86	⏚
20	39	40	⏚	**44**	87	88	⏚
21	41	42	⏚	**45**	89	90	⏚
22	43	44	⏚	**46**	91	92	⏚
23	45	46	⏚	**47**	93	94	⏚
24	47	48	⏚	**48**	95	96	⏚

Female Wiring Side



separate grounding up to 32 channels

32

Ch. No.	Hot +	Cold -	Gnd. (shield)	Ch. No.	Hot +	Cold -	Gnd. (shield)
1	1	2	3	**17**	49	50	51
2	4	5	6	**18**	52	53	54
3	7	8	9	**19**	55	56	57
4	10	11	12	**20**	58	59	60
5	13	14	15	**21**	61	62	63
6	16	17	18	**22**	64	65	66
7	19	20	21	**23**	67	68	69
8	22	23	24	**24**	70	71	72
9	25	26	27	**25**	73	74	75
10	28	29	30	**26**	76	77	78
11	31	32	33	**27**	79	80	81
12	34	35	36	**28**	82	83	84
13	37	38	39	**29**	85	86	87
14	40	41	42	**30**	88	89	90
15	43	44	45	**31**	91	92	93
16	46	47	48	**32**	94	95	96

For inputs see chart. Returns starting with last pin:
Return 1: Hot = 108, Cold = 107, Gnd = ⏚
Return 2: Hot = 106, Cold = 105, Gnd = ⏚ ... etc.

Support ▸ Wiring diagrams ▸ Audio multipairs ▸ **RECTANGULAR AUDIO CONNECTORS SIEMENS TYPE MALE**

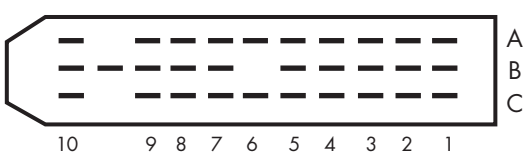
RECTANGULAR AUDIO CONNECTOR SYSTEMS 30-PIN

Separate grounding up to 10-channel

33

Ch. No.	Hot +	Cold –	Gnd. (shield)
1	1A	1B	1C
2	2A	2B	2C
3	3A	3B	3C
4	4A	4B	4C
5	5A	5B	5C
6	6A	6B	6C
7	7A	7B	7C
8	8A	8B	8C
9	9A	9B	9C
10	10A	10B	10C

Female Wiring Side



Support ▸ Wiring diagrams ▸ Audio multipair ▸ **RECTANGULAR AUDIO CONNECTORS EDAC**

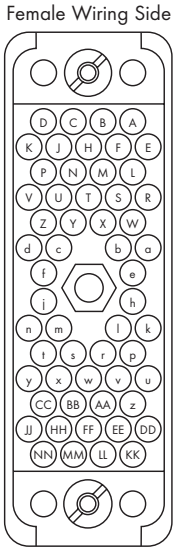
RECTANGULAR AUDIO CONNECTOR SYSTEMS 56-PIN

Separate gounding up to 16 channels
– female (Neutrik assignment)

34

Ch. No.	Hot +	Cold –	Gnd. (shield)
1	A	E	L
2	B	F	M
3	C	J	N
4	D	K	P
5	R	W	a
6	S	X	b
7	U	Y	c
8	V	Z	d
9	k	p	u
10	l	r	v
11	m	s	x
12	n	t	y
13	z	DD	KK
14	AA	EE	LL
15	BB	HH	MM
16	CC	JJ	NN

Female Wiring Side



Separate grounding up to 16 channels – male (ADAT assignment)

35

Ch. No.	Hot +	Cold –	Gnd. (shield)
In 1	HH	JJ	NN
In 2	x	y	CC
In 3	m	n	t
In 4	LL	MM	FF
In 5	AA	BB	w
In 6	DD	EE	KK
In 7	u	v	z
In 8	k	l	p
Out 1	d	c	Z
Out 2	V	U	P
Out 3	K	J	D
Out 4	N	M	T
Out 5	C	B	H
Out 6	b	a	W
Out 7	S	R	L
Out 8	F	E	A

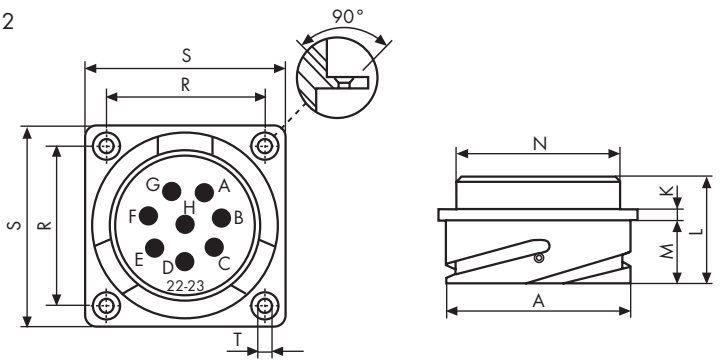
ROUND AUDIO CONNECTOR SYSTEMS 8-PIN

(Compatible with CA-COM, L-Acoustics)
Speaker signal up to 4 channels / arrangement 22 – 23 / contact size 12

36

Ch. No.	Hot +	Cold –
A	1	
B		1
C	2	
D		2
E	3	
F		3
G	4	
H		4

ØA +0 –0.15	K ±0.2	L ±0.3	M +0.4 –0	ØN max.	R ±0.1	S ±0.3	T H13
37.3	4	34.5	19.6	31.6	32.0	41.7	3.5



ROUND AUDIO CONNECTOR SYSTEMS 24-PIN/25-PIN

Separate grounding up to 12 channels / 100% shielding (PE)
on Pin Z/arrangement 24 A – 25 / contact size 16

Tourlock Standard:

37

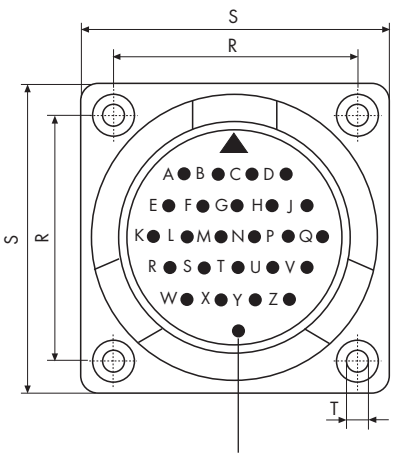
Ch. No.	Hot +	Cold –	Gnd. (shield)
1	A	E	F
2	G	C	B
3	D	H	J
4	M	L	K
5	Q	P	N
6	W	S	R
7	T	X	Y
8	Z	V	U

Camtec-Norm:

38

Ch. No.	Hot +	Cold –	Gnd. (shield)
1	B	A	C
2	E	D	F
3	H	G	J
4	L	K	M
5	P	N	Q
6	S	R	T
7	V	U	W
8	Y	X	Z

Male Wiring Side



only available at 25-pin LK

ØA +0 –0.15	K ±0.2	L ±0.3	M +0.4 –0	ØN max.	R ±0.1	S ±0.3	T H13
40.9	4	35.7	20.6	35.3	34.9	44.5	3.7

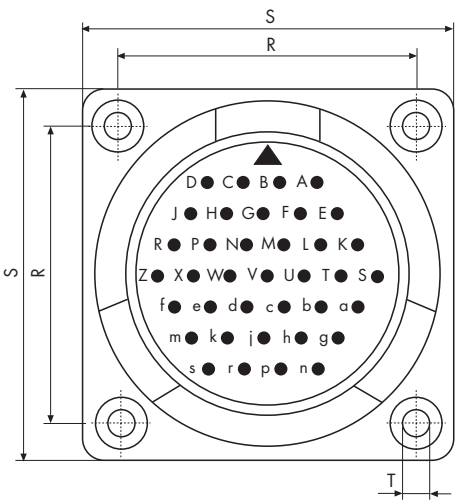
ROUND AUDIO CONNECTOR SYSTEMS 37-PIN

Separate grounding up to 12 channels / 100% shielding (PE)
on Pin Z / arrangement 28 – 21 / contact size 16

39

Ch. No.	Hot +	Cold –	Gnd. (shield)
1	E	F	A
2	B	C	G
3	H	J	D
4	S	T	K
5	L	M	U
6	V	W	N
7	P	R	X
8	a	b	g
9	c	d	j
10	e	f	m
11	n	p	h
12	r	s	k

Male Wiring Side



ØA +0 –0.15	K ±0.2	L ±0.3	M +0.4 –0	ØN max.	R ±0.1	S ±0.3	T H13
46.7	4	35.7	20.6	41.4	39.7	50.8	3.7

ROUND AUDIO CONNECTOR SYSTEMS 85-PIN

Seprate grounding up to 28 channels / arrangement 40 – 56 / contact size 16
100% shielding (PE) on Pin BV

40

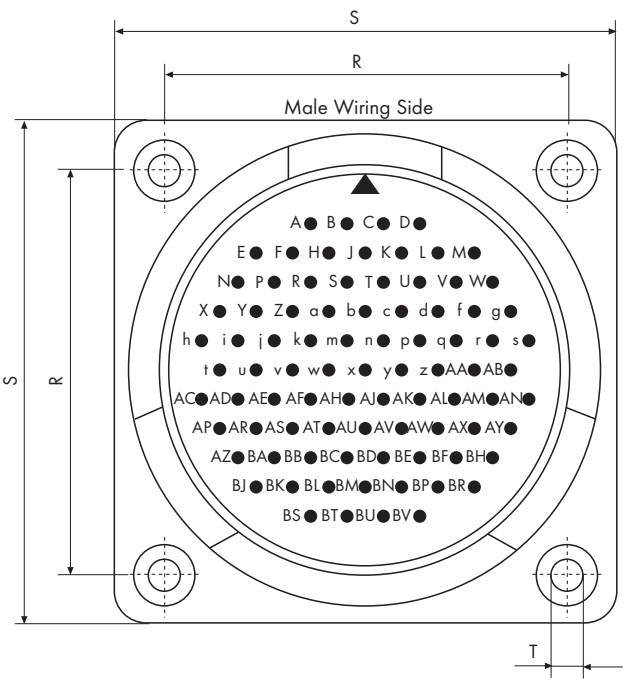
Ch. No.	Hot +	Cold –	Gnd. (shield)
1	A	B	C
2	E	F	H
3	J	K	L
4	N	P	R
5	S	T	U
6	X	Y	Z
7	a	b	c
8	d	f	g
9	h	i	j
10	k	m	n
11	p	q	r
12	t	u	v

Ch. No.	Hot +	Cold –	Gnd. (shield)
13	w	x	y
14	z	AA	AB
15	AC	AD	AE
16	AF	AH	AJ
17	AK	AL	AM
18	AP	AR	AS
19	AT	AU	AV
20	AW	AX	AY
21	AZ	BA	BB
22	BC	BD	BE
23	BJ	BK	BL
24	BM	BN	BP

Ch. No.	
25+	BS
25–	BT
25G	BU
26+	BF
26–	BH
26G	BR
27+	M
27–	V
27G	W
28+	D
28–	s
28G	AN

100% shielding: BV

ØA +0 –0.15	K ±0.2	L ±0.3	M +0.4 –0	ØN max.	R ±0.1	S ±0.3	T H13
65.5	4	37.3	22.2	59	55.6	69.8	4.3

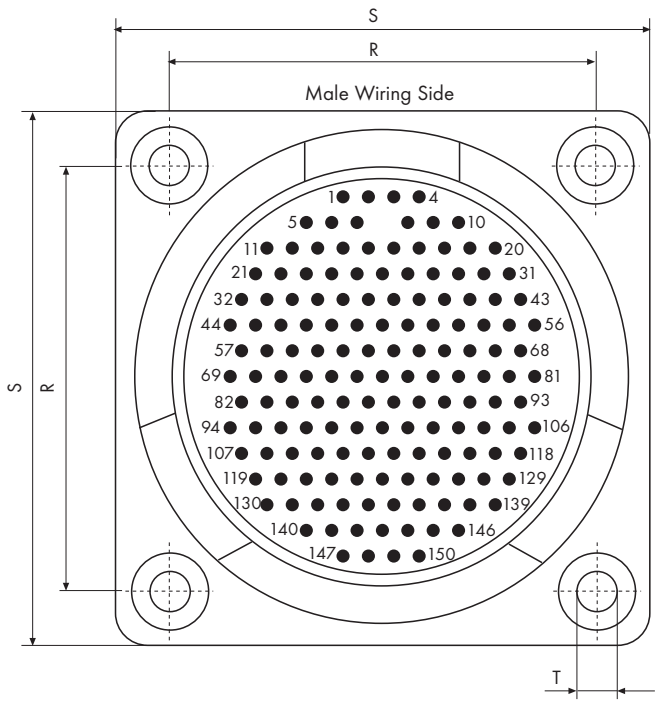


ROUND AUDIO CONNECTOR SYSTEMS 150-PIN

Separate grounding up to 48-channels/arrangement 40 A – 150/
contact size 18 / 100% shielding (PE) on Pin 150

41

Ch. No.	Hot +	Cold –	Gnd. (shield)	Ch. No.	Hot +	Cold –	Gnd. (shield)
1	1	2	3	**25**	75	76	77
2	5	6	7	**26**	78	79	80
3	8	9	10	**27**	82	83	84
4	11	12	13	**28**	85	86	87
5	14	15	16	**29**	88	89	90
6	17	18	19	**30**	91	92	93
7	21	22	23	**31**	94	95	96
8	24	25	26	**32**	97	98	99
9	27	28	29	**33**	100	101	102
10	20	30	31	**34**	103	104	105
11	32	33	34	**35**	56	81	106
12	35	36	37	**36**	107	108	109
13	38	39	40	**37**	110	111	112
14	41	42	43	**38**	113	114	115
15	44	45	46	**39**	116	117	118
16	47	48	49	**40**	119	120	121
17	50	51	52	**41**	122	123	124
18	53	54	55	**42**	125	126	127
19	57	58	59	**43**	139	128	129
20	60	61	62	**44**	130	131	132
21	63	64	65	**45**	133	134	135
22	66	67	68	**46**	136	137	138
23	69	70	71	**47**	140	141	142
24	72	73	74	**48**	143	144	145



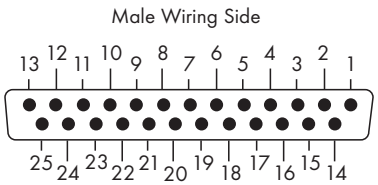
ØA +0 –0.15	K ±0.2	L ±0.3	M +0.4 –0	ØN max.	R ±0.1	S ±0.3	T H13
65.5	4	37.3	22.2	59	55.6	69.8	4.3

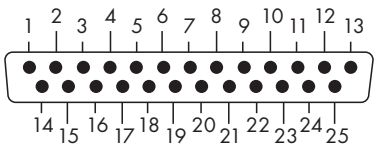
RECTANGULAR AUDIO CONNECTOR SYSTEMS 25-PIN

separate grounding up to 8 channels (standard Fostex, Tascam D-88)

42

Ch. No.	Hot +	Cold –	Gnd. (shield)
1	24	12	25
2	10	23	11
3	21	9	22
4	7	20	8
5	18	6	19
6	4	17	5
7	15	3	16
8	1	14	2

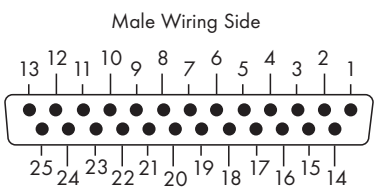


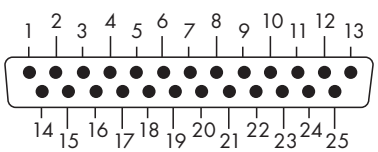


Yamaha digital standard AES/EBU
Not suitable for T-DIF!

43

Pin	Signal	Pin	Signal
1	In 1/2+	14	In 1/2–
2	In 3/4+	15	In 3/4–
3	In 5/6+	16	In 5/6–
4	In 7/8+	17	In 7/8–
5	Out 1/2+	18	Out 1/2–
6	Out 3/4+	19	Out 3/4–
7	Out 5/6+	20	Out 5/6–
8	Out 7/8+	21	Out 7/8–
9	Offen	22	GND
10	GND	23	GND
11	Offen	24	GND
12	GND	25	GND
13	GND		





For crossover cable of course connect In ½ to Out ½, etc.!

ROUND VIDEO CONNECTOR SYSTEMS 4-PIN

Male Wiring Side

44

Channel	Hot +	Gnd. (shield)	Color code
Chrominance Signal C	4	2	red
Luminance Signal Y	3	1	green

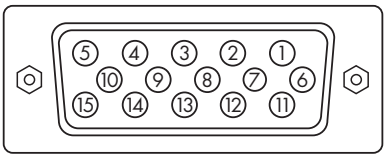
RECTANGULAR VIDEO CONNECTOR SYSTEMS 15-PIN HD

IBM PC video standard

45

Pin No.	RGB-Signal (analog)	YCbCr-Signal
1	Red	Cr
2	Green or sync-on-green	Y
3	Blue	Cb
4	Ground	
5	Ground	
6	Red ground	Cr-ground
7	Green ground	Y-ground
8	Blue ground	Cb-ground
9	Not assigned	
10	Sync-signal-ground	
11	SCART sync	Sync
12	Bi-directional DATA (SDA)*	
13	Horizontal sync or composite sync	
14	Vertical sync	
15	Data act*	

Male Wiring Side



Signal level
Video signal: 0.7 Vp-p (analog)
Sync signal: TTL level
* only RGB 1 input

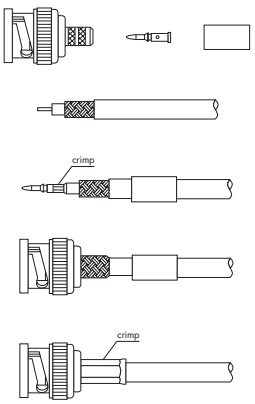
BNC CRIMPING CONNECTOR ASSEMBLY INSTRUCTIONS

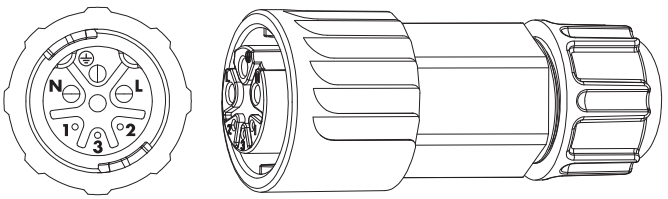
The crimping plug consists of 3 individual parts, casing, pin for inner conductor, and sleeve.

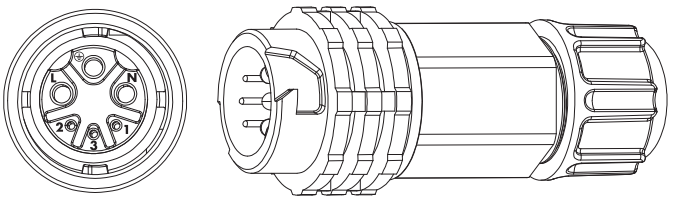
Insulate the cable as recommended. You can find crimping and stripping tools in Chapter Connectors ▸ BNC.

Guide the pin over the inner conductor and crimp it. Then guide the sleeve over the cable.

Now install the casing onto the plug. Then pull the sleeve from the back over the shielding up to the casing. Then crimp it into place.







46

Signal	Power
1: GND	L: LINE
2: Data –	N: Neutral
3: Data +	⏚: PE

Signal	Power
1: GND	L: LINE
2: Data –	N: Neutral
3: Data +	⏚: PE

RECTANGULAR POWER CONNECTORS ILME, In compliance with DIN 15765

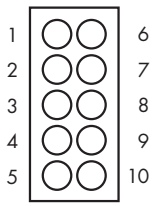
RECTANG. POWER CONNECTOR SYSTEMS 10-PIN

separate grounding up to 5 channels

47

Ch. No.	Hot L	Cold N	Gnd.
1	1	6	⏚
2	2	7	⏚
3	3	8	⏚
4	4	9	⏚
5	5	10	⏚

Female Wiring Side



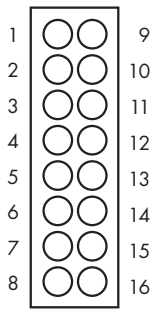
RECTANG. POWER CONNECTOR SYSTEMS 16-PIN

separate grounding up to 8 channels

48

Ch. No.	Hot L	Cold N	Gnd.
1	1	9	⏚
2	2	10	⏚
3	3	11	⏚
4	4	12	⏚
5	5	13	⏚
6	6	14	⏚
7	7	15	⏚
8	8	16	⏚

Female Wiring Side



ROUND POWER CONNECTORS CEE

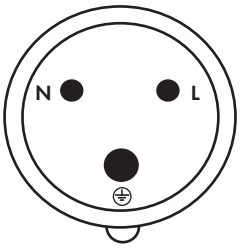
ROUND POWER CONNECTOR SYSTEMS 3-PIN CEE

230V - p + N + ⏚

49

Phase No.	Hot L	Cold N	Gnd.
1	L	N	⏚

Female Wiring Side



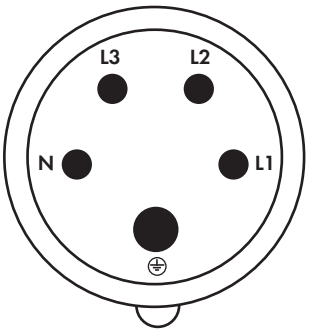
ROUND POWER CONNECTOR SYSTEMS 5-PIN CEE

230/400V - 3p + N + ⏚

50

Phase No.	Hot L	Cold N	Gnd.
1	L1	N	⏚
2	L2	N	⏚
3	L3	N	⏚

Female Wiring Side



FANOUT LENGTHS

AUDIO

No. of channels	Length	Fanout length
02	all	0.2 m
03 – 08	all	0.4 m
09 – 16	all	0.8 m
17 – 24	all	1.0 m
25 – 48	all	1.2 m

VIDEO

No. of channels	Length	Fanout length
all	to 3 m	0.2 m
	to 3 m	0.4 m

HYBRID

No. of channels	Length	Fanout length
Monolith		
1 to 8 x audio	all	0.4 m
Monocat		
all		0.4 m

ATTENTION!
THE GIVEN FANOUT LENGTH INCLUDES THE CONNECTORS AND IS PART OF THE TOTAL CABLE LENGTH.