



MERCHANDISING

**SOMMER CABLE ROADVEST**

Ideally suited for set-up and breakdown on the road, for windy conditions and bad weather, and when it is nice and warm in the hall, so you have to deal with ever changing temperatures. This road vest ensures consistent warmth both in- and outdoors – and your arms are free for working.

ORDER-NO.	NET COST PRICE
SOMMERVEST	29.85 €

SOMMER  CABLE
AUDIO • VIDEO • BROADCAST

SOMMER  CABLE
AUDIO • VIDEO • BROADCAST

SOMMER CABLE CAR STICKER

- Width 30 cm, height 5.6 cm
- Foil Plot 3-coloured: white, black and green or black, white and green

ORDER-NO.	INSCRIPTION	NET COST PRICE
SOMMER-STICK-CKW	white (for dark background)	per piece 20.88 €
SOMMER-STICK-CKS	black (for light background)	per piece 20.88 €

**SOMMER CABLE PEN**

ORDER-NO.	NET COST PRICE
SOMMER-PEN	0.82 €

SOMMER CABLE CARRYING BAG

Size [W x H]: 38 x 41 cm
 Color: white – Material: Fabric

ORDER-NO.	NET COST PRICE
SOMMER-SHOPBAG	1.09 €

**SOMMER CABLE MULTI-FUNCTION BAG**

...with oversized zippers on the cover flap. Large inside compartment, a separate laptop compartment. Adjustable shoulder strap, approx. 5 cm wide. Practical holders for pens, handy, and business cards.

- Material: durable Nylon, lined
- Color: black

ORDER-NO.	SIZE (WxDxH)	NET COST PRICE
SOMMER-BAG	410 x 145 x 310 mm	17.14 €

**SOMMER CABLE NOTEPAD**

- Format DIN A4
- 50 sheets per pad
- Premium quality paper pure white
- 2-whole punched
- Perforated
- Cardboard back for reinforcement

ORDER-NO.	NET COST PRICE
SOMMER-PAD	per piece 2.21 €

STUDIOBIBLE

THE MASTERPIECE FOR MUSICIANS!



TOM HAPKE – STUDIOBIBLE (English)

An easy to understand guide for life and work in a professional sound studio by Tom Hapke, incl. DVD, in English.

ORDER-NO.	PRICE INCL. SALES TAX
STUDIOBIBLE	44.95 €

SOMMER CABLE STICKERS

SOMMER CABLE

<http://www.sommecable.com>

Black lettering.
Transparent sticker.
10 x 2.5 cm

SOMMER CABLE

<http://www.sommecable.com>

White lettering for dark
backgrounds. Transparent
sticker. 10 x 2.5 cm

SOMMER CABLE

Foam sticker with white
lettering on black ground.
9.5 x 1.0 cm

SYS BOXX
THE MODULAR SYSTEM BY SOMMER CABLE

Foam sticker with white-green
lettering on grey ground.
6.0 x 1.5 cm

ORDER-NO.	DESCRIPTION	NET COST PRICE
SOMMER-STICK-SW	black on transparent	0.46 €
SOMMER-STICK-WS	white on transparent	0.82 €
SOMMER-FOAMSTICK	white on black	0.82 €
SY-FOAMSTICK	white-green on grey	0.87 €

SOMMER CABLE CAP

- With suede leather shield
- Color: black

ORDER-NO.	COLOR	NET COST PRICE
SOMMER-CAP	black	5.12 €



Logo sticker on
right sleeve



Side label



Rubber
Badge



SOMMER CABLE POLO SHIRT

The new **SOMMER CABLE Polo Shirts** has a modern, tight fitting cut.
Made in Europe in compliance with Öko-Tex Standard 100.

Material: 100 % Cotton piqué

Color: black / green

Sizes: M, L, XL or XXL (please state) – If not stated otherwise, we will supply in size XL.

Size	Width	Length
M	53 cm	68 cm
L	56 cm	70 cm
XL	59 cm	72 cm
XXL	63 cm	74 cm

NOTE: The sizes stated are European sizes, i.e. they are somewhat smaller than US-sizes.

ORDER-NO.	NET COST PRICE
SOMMER-SHIRT+SIZE	per piece 23.09 €



SOMMER CABLE POSTER

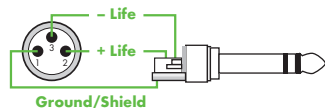
with product overview bulkware, format approx. 70 x 100 cm

ORDER-NO.	NET COST PRICE
POSTER-BULK	3.33 €

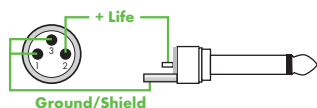
Wiring diagrams ► **AUDIO CABLE****1 MICROPHONE CABLE BALANCED**

(ACCORDING TO IEC-NORM):

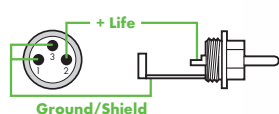
XLR → XLR
 PIN 1 → PIN 1: GROUND/SHIELD
 PIN 2 → PIN 2: + LIFE
 PIN 3 → PIN 3: - LIFE

**2 MICROPHONE CABLE BALANCED:**

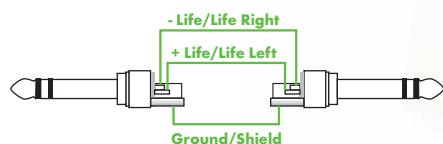
XLR → JACK STEREO
 PIN 1 → JACK CASING: GROUND/SHIELD
 PIN 2 → JACK TIP: +LIFE
 PIN 3 → JACK RING: -LIFE

**3 MICROPHONE CABLE UNBALANCED:**

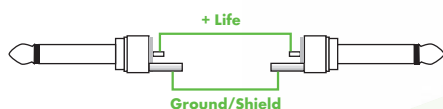
XLR → JACK MONO
 PIN 1 → JACK CASING: GROUND/SHIELD
 PIN 2 → JACK TIP: +LIFE
 PIN 3 → JACK CASING: GROUND/SHIELD

**4 MICROPHONE CABLE UNBALANCED:**

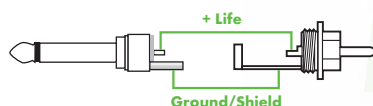
XLR → CINCH
 PIN 1 → CINCH CASING: GROUND/SHIELD
 PIN 2 → CINCH TIP: +LIFE
 PIN 3 → CINCH CASING: GROUND/SHIELD

**5 JACK CABLE BALANCED/ STEREO:**

JACK STEREO → JACK STEREO
 JACK CASING → JACK CASING: GROUND/SHIELD
 JACK TIP → JACK TIP: +LIFE/LIFE LEFT
 JACK RING → JACK RING: -LIFE/LIFE RIGHT

**6 JACK CABLE UNBALANCED/ MONO:**

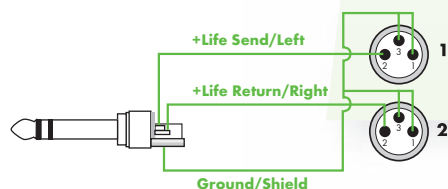
JACK MONO → JACK MONO
 JACK CASING → JACK CASING: GROUND/SHIELD
 JACK TIP → JACK TIP: +LIFE

**7 ADAPTER CABLE UNBALANCED/ MONO:**

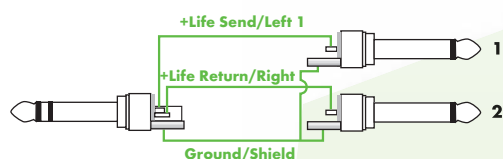
JACK MONO → CINCH
 JACK CASING → CINCH CASING: GROUND/SHIELD
 JACK TIP → CINCH TIP: +LIFE

**8 CINCH CABLE UNBALANCED/ MONO:**

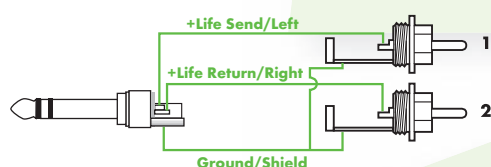
CINCH → CINCH
 CINCH CASING → CINCH CASING: GROUND/SHIELD
 CINCH TIP → CINCH TIP: +LIFE

**9 INSERT/ STEREO CABLE UNBALANCED:**

JACK STEREO → 2 x XLR
 JACK CASING → PIN 1 + 3: GROUND/SHIELD
 JACK TIP → PIN 2 (XLR1): +LIFE SEND/LEFT
 JACK RING → PIN 2 (XLR2): +LIFE RETURN/RIGHT

**10 INSERT/ STEREO CABLE UNBALANCED:**

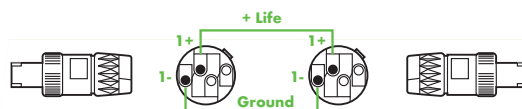
JACK STEREO → 2 x JACK MONO
 JACK CASING → JACK CASING: GROUND/SHIELD
 JACK TIP → JACK TIP (JACK 1): +LIFE SEND/LEFT
 JACK RING → JACK TIP (JACK 2): +LIFE RETURN/RIGHT

**11 INSERT/ STEREO CABLE UNBALANCED:**

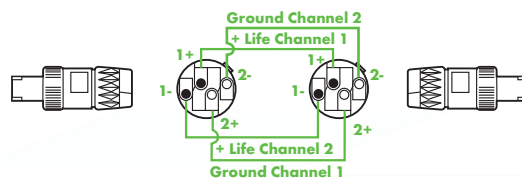
JACK STEREO → 2 x CINCH
 JACK CASING → CINCH CASING: GROUND/SHIELD
 JACK TIP → CINCH TIP (CINCH 1): +LIFE SEND/LEFT
 JACK RING → CINCH TIP (CINCH 2): +LIFE RETURN/RIGHT

Wiring diagrams ▶ **SPEAKER CABLE****12 SPEAKER CABLE 2-WIRE:**

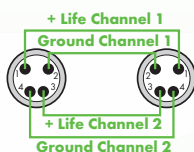
SPEAKON → SPEAKON
 PIN 1+ → PIN 1+: +LIFE
 PIN 1- → PIN 1-: GROUND
 PIN 2+ → N.C.
 PIN 2- → N.C.

**13 SPEAKER CABLE 4-WIRE:**

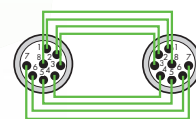
SPEAKON → SPEAKON
 PIN 1+ → PIN 1+: +LIFE CHANNEL 1
 PIN 1- → PIN 1-: GROUND CHANNEL 1
 PIN 2+ → PIN 2+: +LIFE CHANNEL 2
 PIN 2- → PIN 2-: +GROUND CHANNEL 2

**14 SPEAKER CABLE 4-WIRE:**

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

**15 SPEAKER CABLE 8-WIRE:**

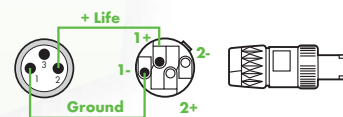
EP 8-pin → EP 8-pin
 PIN 1 → PIN 1: +LIFE CHANNEL 1
 PIN 2 → PIN 2: GROUND CHANNEL 1
 PIN 3 → PIN 3: +LIFE CHANNEL 2
 PIN 4 → PIN 4: GROUND CHANNEL 2
 PIN 5 → PIN 5: +LIFE CHANNEL 3
 PIN 6 → PIN 6: GROUND CHANNEL 3
 PIN 7 → PIN 7: +LIFE CHANNEL 4
 PIN 8 → PIN 8: GROUND CHANNEL 4

**16 SPEAKER CABLE 2-WIRE:**

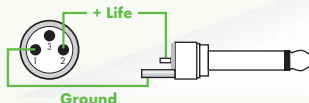
XLR → XLR
 PIN 1 → PIN 1: GROUND
 PIN 2 → PIN 2: +LIFE
 PIN 3 → N.C.

**17 SPEAKER ADAPTER CABLE**

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

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

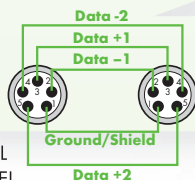
XLR → JACK MONO
 PIN 1 → JACK CASING: GROUND
 PIN 2 → JACK TIP: +LIFE
 PIN 3 → N.C.

**19 SPEAKER CABLE 2-WIRE:**

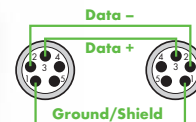
JACK MONO → JACK MONO
 JACK CASING → JACK CASING: GROUND
 JACK TIP → JACK TIP: +LIFE

Wiring diagrams ▶ **DMX CABLE / MIDI CABLE****20 DMX512 CABLE 5-PIN FULLY ASSIGNED:**

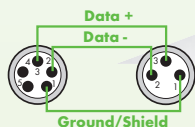
(ACCORDING TO USITT1990)
 XLR 5-PIN → XLR 5-PIN
 PIN 1 → PIN 1: GROUND/SHIELD
 PIN 2 → PIN 2: DATA -1
 PIN 3 → PIN 3: DATA +1
 PIN 4 → PIN 4: DATA -2/RETURN CHANNEL
 PIN 5 → PIN 5: DATA +2/RETURN CHANNEL

**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 +

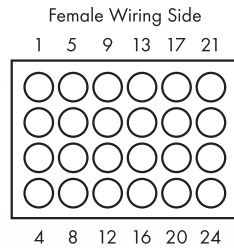
**24 MIDI CABLE:**

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



Wiring diagrams ▶ audio multipairs ▶ **RECTANGULAR AUDIO CONNECTORS ILME****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

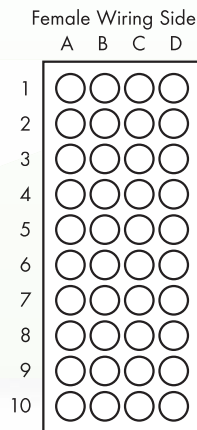
ATTENTION!
NEW ASSIGNMENTS
FOR RETURN PATHS

RECTANGULAR AUDIO CONNECTOR SYSTEMS 40-PIN

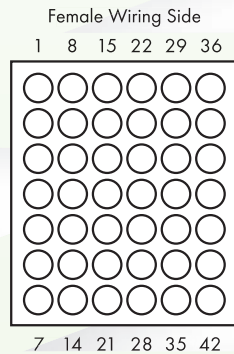
central grounding up to 12 channels

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.

**RECTANGULAR AUDIO CONNECTOR SYSTEMS 42-PIN**

separate grounding up to 12 channels



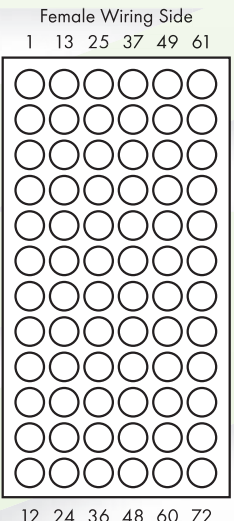
27	Ch. No.	Hot +	Cold -	Gnd. (shield)
	1	1	2	3
	2	4	5	6
	3	7	8	9
	4	10	11	12
	5	13	14	15
	6	16	17	18
	7	19	20	21
	8	22	23	24
	9	25	26	27
	10	28	29	30
	11	31	32	33
	12	34	35	36

ATTENTION!
NEW ASSIGNMENTS
FOR RETURN PATHS

RECTANGULAR AUDIO CONNECTOR SYSTEMS 72-PIN

central grounding up to 24 channels

28	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	⊕



separate grounding up to 24 channels

29	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

ATTENTION!
NEW ASSIGNMENTS
FOR RETURN PATHS

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

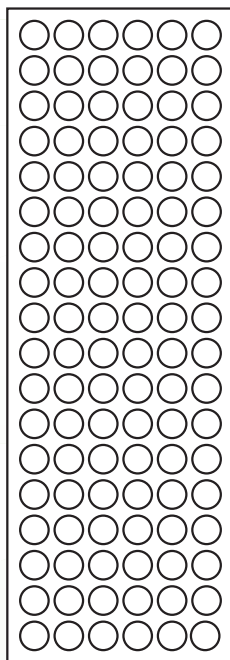
RECTANGULAR AUDIO CONNECTOR SYSTEMS 108-PIN

central grounding up to 48 channels

30	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

1 19 37 55 73 91



18 36 54 72 90 108

separate grounding up to 32 channels

31	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

ATTENTION!
NEW ASSIGNMENTS
FOR RETURN PATHS

For inputs see chart. Returns starting with last pin:

Return 1: Hot = 108, Cold = 107, Gnd = ⊕

Return 2: Hot = 106, Cold = 105, Gnd = ⊕ ... etc.

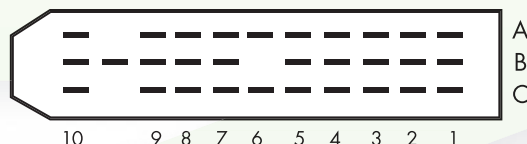
Support ► Wiring diagrams ► Audio multipairs ► RECTANGULAR AUDIO CONNECTORS SIEMENS TYPE MALE

RECTANGULAR AUDIO CONNECTOR SYSTEMS 30-PIN

Separate grounding up to 10-channel

32	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



ATTENTION!
NEW ASSIGNMENT
FOR RETURN PATHS

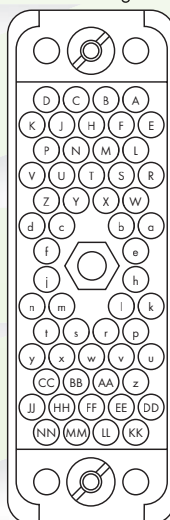
Support ► Wiring diagrams ► Audio multipair ► RECTANGULAR AUDIO CONNECTORS EDAC

RECTANGULAR AUDIO CONNECTOR SYSTEMS 56-PIN

Separate grounding up to 16 channels
- female (Neutrik assignment)

33	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

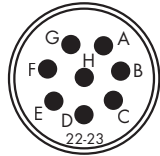
Separate grounding up to 16 channels
- male (ADAT assignment)

34	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

Support ▶ Wiring diagrams ▶ Audio multipairs ▶ **ROUND AUDIO CONNECTOR SYSTEMS TOURLOCK****ROUND AUDIO CONNECTOR SYSTEMS 8-PIN**

Speaker signal up to 4 channels/arrangement 22 - 23/contact size 12

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

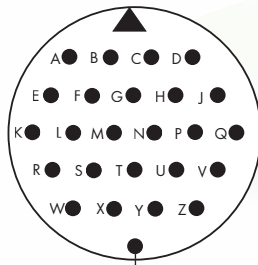
Support ▶ Wiring diagrams ▶ Audio multipairs ▶ **ROUND AUDIO CONNECTORS TOURLOCK****ROUND AUDIO CONNECTOR SYSTEMS 24-PIN/25-PIN**

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

Tourlock Standard:

36	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

Female Wiring Side



only available on 25-pin LK

Camtec-Norm:

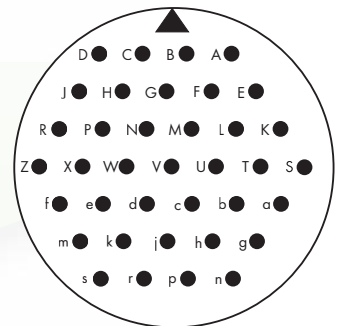
38	Ch. No.	Hot +	Cold -	Gnd. (shield)
	1	B	A	C
	2	E	D	F
	3	H	G	J
	4	L	K	M
	5	P	N	Q
	6	S	R	T
	7	V	U	W
	8	Y	X	Z

ROUND AUDIO CONNECTOR SYSTEMS 37-PIN

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

37	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

Female Wiring Side

**ROUND AUDIO CONNECTOR SYSTEMS 85-PIN**Separate grounding up to 28 channels/arrangement 40 - 56/contact size 16
100 % shielding (PE) on Pin BV

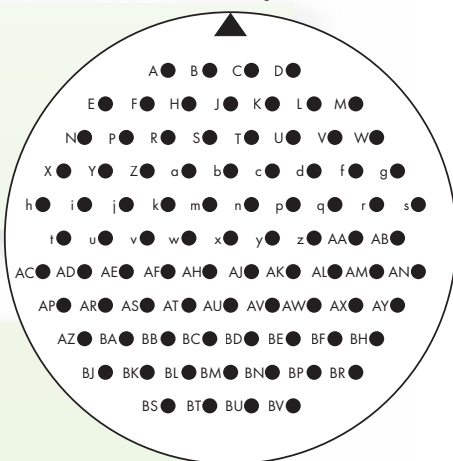
39	Ch. No.	Hot +	Cold -	Gnd. (shield)
	1	A	B	C
	2	E	F	H
	3	J	K	L
	4	N	P	R
	5	S	T	U
	6	X	Y	Z
	7	a	b	c
	8	d	f	g
	9	h	i	j
	10	k	m	n
	11	p	q	r
	12	t	u	v

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

Female Wiring Side

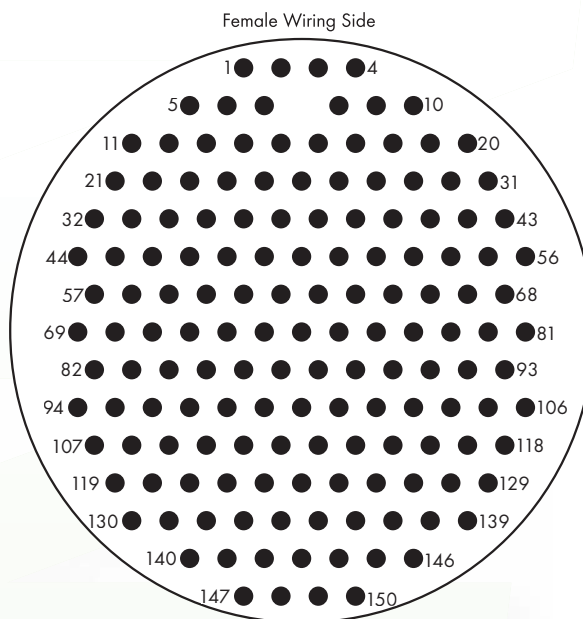


ROUND AUDIO CONNECTOR SYSTEMS 150-PIN

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

40	Ch. No.	Hot +	Cold -	Gnd. (shield)
	1	1	2	3
	2	5	6	7
	3	8	9	10
	4	11	12	13
	5	14	15	16
	6	17	18	19
	7	21	22	23
	8	24	25	26
	9	27	28	29
	10	20	30	31
	11	32	33	34
	12	35	36	37
	13	38	39	40
	14	41	42	43
	15	44	45	46
	16	47	48	49
	17	50	51	52
	18	53	54	55
	19	57	58	59
	20	60	61	62
	21	63	64	65
	22	66	67	68
	23	69	70	71
	24	72	73	74

Ch. No.	Hot +	Cold -	Gnd. (shield)
25	75	76	77
26	78	79	80
27	82	83	84
28	85	86	87
29	88	89	90
30	91	92	93
31	94	95	96
32	97	98	99
33	100	101	102
34	103	104	105
35	56	81	106
36	107	108	109
37	110	111	112
38	113	114	115
39	116	117	118
40	119	120	121
41	122	123	124
42	125	126	127
43	139	128	129
44	130	131	132
45	133	134	135
46	136	137	138
47	140	141	142
48	143	144	145

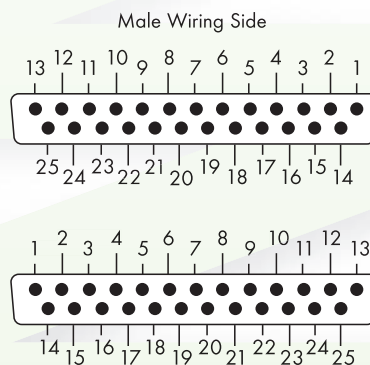


Wiring diagrams ▶ audio multipairs ▶ RECTANGULAR AUDIO CONNECTORS SUB-D 25-PIN

RECTANGULAR AUDIO CONNECTOR SYSTEMS 25-PIN

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

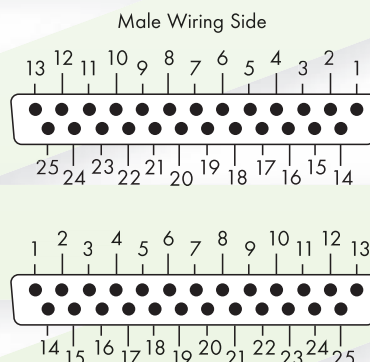
41	Ch. No.	Hot +	Cold -	Gnd. (shield)
	1	24	12	25
	2	10	23	11
	3	21	9	22
	4	7	20	8
	5	18	6	19
	6	4	17	5
	7	15	3	16
	8	1	14	2



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

42	Pin	Signal
	1	In 1/2+
	2	In 3/4+
	3	In 5/6+
	4	In 7/8+
	5	Out 1/2+
	6	Out 3/4+
	7	Out 5/6+
	8	Out 7/8+
	9	Offen
	10	GND
	11	Offen
	12	GND
	13	GND

Pin	Signal
14	In 1/2-
15	In 3/4-
16	In 5/6-
17	In 7/8-
18	Out 1/2-
19	Out 3/4-
20	Out 5/6-
21	Out 7/8-
22	GND
23	GND
24	GND
25	GND

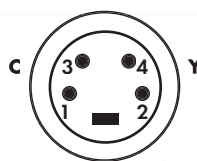


For crossover cable of course connect In 1/2 to Out 1/2, etc.!

Wiring diagrams ▶ video multipairs ▶ **ROUND VIDEO CONNECTORS S-VHS (MINI-DIN/HOSIDEN)****ROUND VIDEO CONNECTOR SYSTEMS 4-PIN**

Male Wiring Side

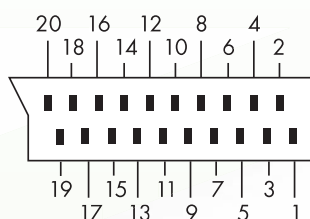
43	Channel	Hot +	Gnd. (shield)	Color code
	Chrominance Signal C	4	2	red
	Luminance Signal Y	3	1	green

Wiring diagrams ▶ video multipairs ▶ **RECTANGULAR VIDEO CONNECTORS SCART****RECTANGULAR VIDEO CONNECTOR SYSTEMS 20-PIN**

original standard (includes RGB-video)

44	Channel	Hot +	Gnd. (shield)
	Audio Input Left	6	4
	Audio Input Right	2	4
	Video Input	20	18
	Audio Output Left	3	4
	Audio Output Right	1	4
	Video Output	19	17
	Video Input Red	15	13
	Video Input Green	11	9
	Video Input Blue	7	5
	Input blanking	16	18
	DC12V Signal from VCR	8	14
	Data-Line No. 1	12	14
	Data-Line No. 2	10	14

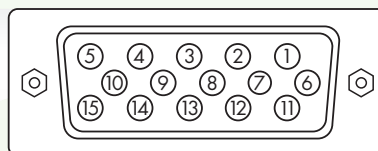
Female Wiring Side

Wiring diagrams ▶ video multipairs ▶ **RECTANGULAR VIDEO CONNECTORS SUB-D 15-PIN HD****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

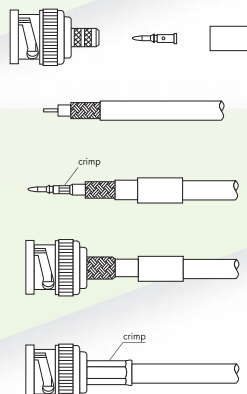
Wiring diagrams ▶ BNC-assembly instructions ▶ **BNC****BNC CRIMPING CONNECTOR ASSEMBLY INSTRUCTIONS**

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 Plug 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.

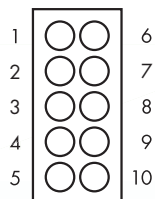


Wiring diagrams ▶ load multicores ▶ **RECTANGULAR LOAD CONNECTORS ILME****RECTANGULAR LOAD CONNECTOR SYSTEMS 10-PIN**

separate grounding up to 5 channels

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

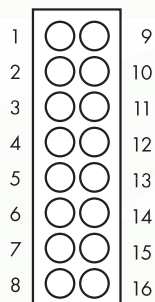
Female Wiring Side

**RECTANGULAR LOAD CONNECTOR SYSTEMS 16-PIN**

separate grounding up to 8 channels

47	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	⊕

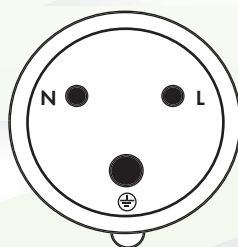
Female Wiring Side

Wiring diagrams ▶ load multicores ▶ **ROUND LOAD CONNECTORS CEE****ROUND LOAD CONNECTOR SYSTEMS 3-PIN CEE**

230V - p + N + ⊕

48	Phase No.	Hot L	Cold N	Gnd.
	1	L	N	⊕

Female Wiring Side

**ROUND LOAD CONNECTOR SYSTEMS 5-PIN CEE**

230/400V - 3p + N + ⊕

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

Female Wiring Side

