

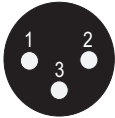
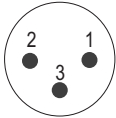
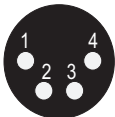
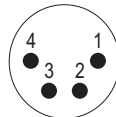

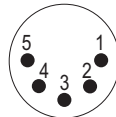
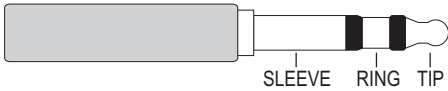
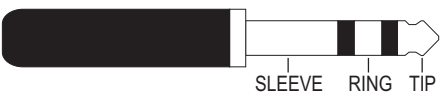

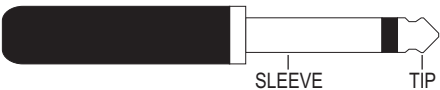




channel 6 television denmark

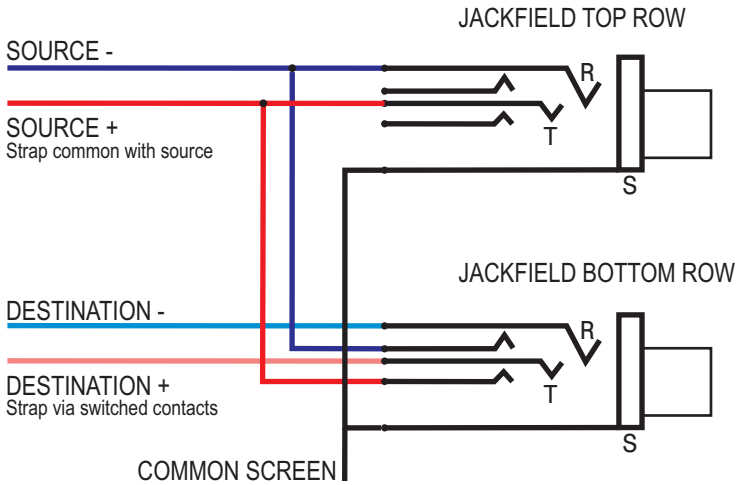
CONNECTOR WIRING GUIDE

PINOUT DIAGRAMS FOR
POPULAR AUDIO, VIDEO & DATA CONNECTORS

Compiled by
Adrian Redmond
CHANNEL 6 TELEVISION DENMARK
from
original manufacturers' documentation

<p>XLR 3-POLE FEMALE</p> 	<p>XLR 3-POLE MALE</p> 	<p>FOR BALANCED AUDIO</p> <p>PIN 1 - SCREEN / SIGNAL GROUND PIN 2 - SIGNAL + (HOT) PIN 3 - SIGNAL - (COLD)</p> <p>FOR UNBAL PINS 1 & 3 COMMON</p>
<p>XLR 4-POLE FEMALE</p> 	<p>XLR 4-POLE MALE</p> 	<p>FOR 12V DC POWER ONLY</p> <p>PIN 1 = NEG - / GROUND PIN 2 = (n/c) PIN 3 = (n/c) PIN 4 = POSITIVE +</p>
<p>XLR 5-POLE FEMALE</p> 	<p>XLR 5-POLE MALE</p> 	<p>FOR BALANCED STEREO AUDIO STANDARD FOR STEREO MICROPHONES AND SONY CAMCORDER MONITOR OP</p> <p>PIN 1 = SCREEN / GROUND PIN 2 = CH 1 + (HOT) PIN 3 = CH 1 - (COLD) PIN 4 = CH 2 + (HOT) PIN 5 = CH 2 - (COLD)</p>
<p>PO316 B-GUAGE TRS PATCHFIELD JACK (or BANTAM B-GUAGE JACK)</p>  <p>1/4" STEREO A-GUAGE JACK</p>  <p>3.5 mm STEREO MINI JACK</p> 	<p>FOR BALANCED MONO AUDIO</p> <p>TIP = SIGNAL + (HOT) RING = SIGNAL - (COLD) SLEEVE = SCREEN / GROUND</p> <p>FOR UNBALANCED MONO AUDIO</p> <p>TIP = SIGNAL + (HOT) RING = COMMON WITH GROUND SLEEVE = SCREEN / GROUND</p> <p>FOR UNBALANCED STEREO AUDIO</p> <p>TIP = LEFT + (HOT) RING = RIGHT + (HOT) SLEEVE = SCREEN / GROUND</p> <p>FOR UNBALANCED MONO INSERT</p> <p>TIP = SEND + (HOT) RING = RETURN + (HOT) SLEEVE = SCREEN / COMMON GROUND</p>	
<p>1/4" MONO A-GUAGE JACK</p>  <p>3.5 mm MONO MINI JACK</p> 	<p>FOR UNBALANCED MONO AUDIO</p> <p>TIP = SIGNAL + (HOT) SLEEVE = SCREEN / GROUND</p>	
<p>5-POLE 180° STEREO DIN MALE PLUG</p> 	<p>FOR UNBALANCED STEREO SOURCE</p> <p>PIN 1 = LEFT OUT PIN 2 = SCREEN / GROUND PIN 3 = LEFT IN PIN 4 = RIGHT OUT PIN 5 = RIGHT IN</p> <p>DESTINATION</p> <p>PIN 1 = LEFT IN PIN 2 = SCREEN / GROUND PIN 3 = LEFT OUT PIN 4 = RIGHT IN PIN 5 = RIGHT OUT</p>	

PO316 JACKFIELD HALF-NORMALLING (BOTTOM ROW)

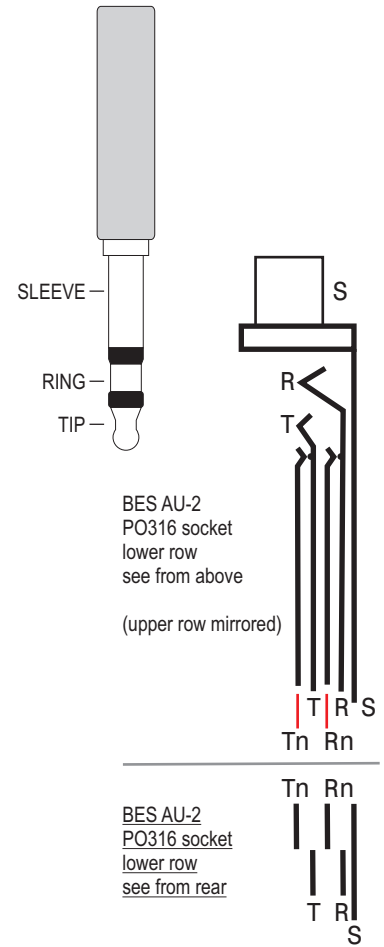


CONNECTION PINOUTS

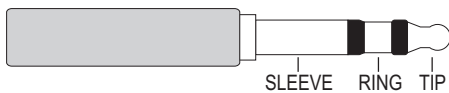
MONO BALANCED - TIP = + RING = - SLEEVE = GROUND / SCREEN

STEREO UNBALANCED - TIP = LEFT RING = RIGHT SLEEVE = GROUND / SCREEN

ALL SOURCES AND DESTINATIONS WIRED BALANCED AT PATCHFIELD
 AND MODIFIED FOR UNBALANCED AT CONNECTION TO UNIT IF REQUIRED



**PO316 B-GUAGE TRS PATCHFIELD JACK
 (or BANTAM B-GUAGE JACK)**



FOR BALANCED MONO AUDIO

TIP = SIGNAL + (HOT)
 RING = SIGNAL - (COLD)
 SLEEVE = SCREEN / GROUND

FOR UNBALANCED MONO AUDIO

TIP = SIGNAL + (HOT)
 RING = COMMON WITH GROUND
 SLEEVE = SCREEN / GROUND

FOR UNBALANCED STEREO AUDIO

TIP = LEFT + (HOT)
 RING = RIGHT + (HOT)
 SLEEVE = SCREEN / GROUND

5-POLE PREH LOCKING DIN MALE PLUG



FOR DWIGHT CAVENDISH BALANCED INPUTS

- PIN 1 = CHANNEL 1 + (HOT)
- PIN 2 = SCREEN / GROUND
- PIN 3 = CHANNEL 1 - (COLD)
- PIN 4 = CHANNEL 2 + (HOT)
- PIN 5 = CHANNEL 2 - (COLD)

FOR DWIGHT CAVENDISH BALANCED LOOP OUTPUTS

- PIN 1 = CHANNEL 1 - (COLD)
- PIN 2 = SCREEN / GROUND
- PIN 3 = CHANNEL 1 + (HOT)
- PIN 4 = CHANNEL 2 - (COLD)
- PIN 5 = CHANNEL 2 + (HOT)

5-POLE PREH LOCKING DIN MALE PLUG

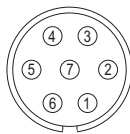


FOR DWIGHT CAVENDISH BALANCED LOOP CABLE
Between DC units LOOP OUTPUT & BALANCED INPUT

- PIN 1 ----- to ----- PIN 3
- PIN 2 ----- to ----- PIN 2
- PIN 3 ----- to ----- PIN 1
- PIN 4 ----- to ----- PIN 5
- PIN 5 ----- to ----- PIN 4

SQN-3M SIDE PANEL CONNECTORS

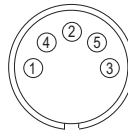
SOCKET A
Wiring side
of mating plug



- 1 Nagra 4 mixer connection
(Unbalanced 600mV; Rs = 690Ω)
- 2 Balanced output } -50dBm (see note)
- 3 Balanced return }
- 4 Power input & battery negative (-)
- 5 Battery positive (+)
- 6 Power input positive (+)
- 7 Ground

Note: This output is internally switchable
to +8 dBm level (remove top lid)

SOCKET B
Wiring side
of mating plug



- 1 Live } Floating line output
- 2 Ground } +8 dBm; Rs = 160 ohm
- 3 Return } Load = 600 ohm
- 4 Live } Auxiliary monitor Input
- 5 Return } -10 to +20 dBm; Rin = 27 k.ohm

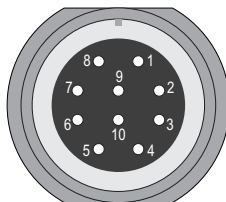
LINE INPUT (Balanced)
Range -10 to +20 dBm; Rin = 27 k.ohm

MIC INPUTS (150 - 600 ohm IEC standard)
Pin 2 phase and positive T power

PHONES OUTPUT
Impedence range 50 ohm to 1K.ohm

SQN-4 Mk III MULTICONNECTOR (HIROSE 10 POLE) MALE PLUG

- PIN 8 = RET LEFT - (COLD)
- PIN 7 = RET LEFT + (HOT)
- PIN 6 = RET RIGHT - (COLD)
- PIN 5 = RET RIGHT + (HOT)



- PIN 1 = OP LEFT + (HOT)
- PIN 2 = OP LEFT - (COLD)
- PIN 3 = OP RIGHT + (HOT)
- PIN 4 = OP RIGHT - (COLD)
- PIN 9 = GROUND
- PIN 10 = GROUND

3-POLE 180° DIN MALE PLUG



FOR QUAD PREAMPLIFIER UNBALANCED STEREO INPUT

- PIN 1 = (n/c)
- PIN 2 = SCREEN / GROUND
- PIN 3 = LEFT
- PIN 4 = (n/c)
- PIN 5 = RIGHT

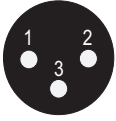
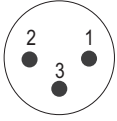
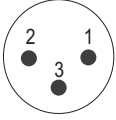
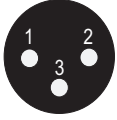




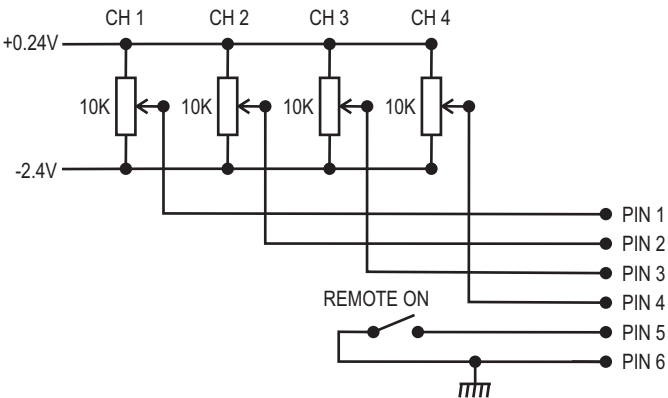
4-POLE 270° DIN MALE PLUG



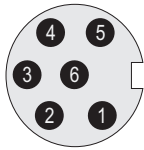
FOR QUAD PREAMPLIFIER UNBALANCED STEREO OUTPUT

- PIN 1 = LEFT + (HOT)
- PIN 2 = SCREEN / GROUND (COLD)
- PIN 3 = RIGHT + (HOT)
- PIN 4 = (n/c)

SONY MXP-42 PORTABLE EFP AUDIO MIXER

<p>XLR 3-POLE FEMALE MXP-42 INPUT</p> 	<p>XLR 3-POLE MALE (CABLE)</p> 	<p>BALANCED MICROPHONE LEVEL INPUT CONNECTORS</p> <p>PIN 1 - SCREEN / SIGNAL GROUND PIN 2 - SIGNAL + (HOT) PIN 3 - SIGNAL - (COLD)</p> <p>FOR UNBAL PINS 1 & 3 COMMON</p>
<p>XLR 3-POLE MALE MXP-42 OUTPUTS</p> 	<p>XLR 3-POLE FEMALE (CABLE)</p> 	<p>BALANCED MAIN AND SUB OUTPUT CONNECTORS</p> <p>PIN 1 - SCREEN / SIGNAL GROUND PIN 2 - SIGNAL + (HOT) PIN 3 - SIGNAL - (COLD)</p> <p>FOR UNBAL PINS 1 & 3 COMMON</p>
<p>HIROSE SMC9-4P MALE PLUG (SONY STANDARD)</p> 	<p>FOR MXP-42 EXTERNAL POWER INPUT</p> <p>PIN 1 = DC IN +12V PIN 2 = N/C PIN 3 = N/C PIN 4 = GROUND</p>	<p>MINI XLR 3-POLE FEMALE (MODIFIED ON CH. 6 MXP-42)</p>  <p>FOR MXP-42 EXTERNAL POWER INPUT (MODIFIED UNIT)</p> <p>PIN 1 = GROUND PIN 2 = N/C PIN 3 = DC IN +12V</p>
<p>HIROSE SMC9-4P MALE PLUG</p> 	<p>FOR MXP-42 UNBALANCED MONITOR INPUT</p> <p>PIN 1 = N/C PIN 2 = IP 1 PIN 3 = IP 2 PIN 4 = GROUND</p>	
<p>HIROSE SMC9-6P MALE PLUG</p> 	<p>FOR MXP-42 REMOTE CONTROL</p> <p>PIN 1 = CH 1 PIN 2 = CH 2 PIN 3 = CH 3 PIN 4 = CH 4 PIN 5 = REMOTE ENABLE PIN 6 = GROUND</p>	<p>REMOTE CONTROL CIRCUIT</p> 

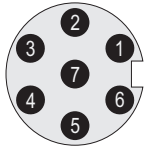
6-POLE LOCKING DIN MALE PLUG



FOR NAGRA 4.2 ACC (Accessories) connector

PIN 1 = n/c
PIN 2 = GROUND
PIN 3 = LINE INPUT (Min source impedance 47 Kohm)
PIN 4 = Speed correction input
PIN 5 = n/c
PIN 6 = -10 V stabilized power output max 100 mA

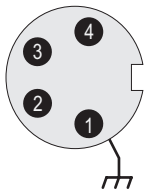
7-POLE LOCKING DIN MALE PLUG



FOR NAGRA 4.2 MIXER CONNECTOR

PIN 1 = Input, fixed sensitivity 560 V to obtain 0 dB input imp. 9 K ohm
PIN 2 = -10 V STABILIZED OUTPUT Max 50 mA
PIN 3 = Direct amplifier output min load imp. 10 k ohm
PIN 4 = Unstabilized negative supply voltage, Max 2A
PIN 5 = Playback amplifier output (Min imp. 100 K ohm)
PIN 6 = Motor STOP - connect to -10 V to stop motor (no function in rewind mode)
PIN 7 = GROUND(chassis)

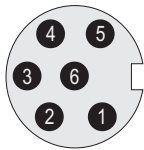
4-POLE LOCKING DIN MALE PLUG



FOR NAGRA 4.2 PILOT & CLAPPER INPUTS

PIN 1 = GROUND
PIN 2 = CLAPPER - oscillator control input (see manual)
PIN 3 = X-TAL 50 or 60 Hz internal generator output
PIN 4 = Pilot signal input imp 50 K ohm input level 0.5 - 25 V

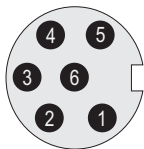
6-POLE LOCKING DIN MALE PLUG



FOR NAGRA 4.2 POWER PACK

PIN 1 = - BATTERY (Negative pole of battery compartment)
PIN 2 = + BATTERY (Positive pole of battery compartment)
PIN 3 = PILOT PLAYBACK OUTPUT
PIN 4 = Speed correction input
PIN 5 = EXTERNAL -12 to -30 V input for external PSU negative polarity
PIN 6 = -10 R -10 V stabilized voltage output during record - max 100 mA

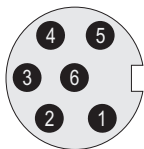
6-POLE LOCKING DIN MALE PLUG



FOR NAGRA III POWER PACK

PIN 1 = - 18V BATTERY (Negative pole of battery compartment)
PIN 2 = EARTH (Positive pole of battery compartment)
PIN 3 = INPUT 10 mV
PIN 4 = BH: Start/Stop PHO: Automatic SLO (See manual)
PIN 5 = EXTERNAL -12 to -30 V input for external PSU negative polarity
PIN 6 = -10.5 V stabilized voltage output during record

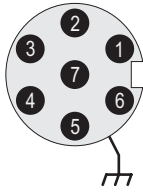
6-POLE LOCKING DIN MALE PLUG



FOR NAGRA III PILOT INPUT

PIN 1 = Pilot signal input
PIN 2 = EARTH
PIN 3 = EARTH
PIN 4 = Speed correction (SLO) (See manual)
PIN 5 = Pilot signal output
PIN 6 = Startmark Input

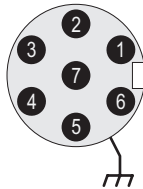
7-POLE LOCKING DIN MALE PLUG



FOR NAGRA IV-S STEREO UNBALANCED INPUTS

PIN 1 = CHANNEL 2 (RIGHT) INPUT (Min imp. 47 Kohm)
PIN 2 = -10 V STABILIZED OUTPUT Max 100 mA
PIN 3 = CHANNEL 1 (LEFT) INPUT (Min imp. 47 Kohm)
PIN 4 = n/c
PIN 5 = n/c
PIN 6 = n/c
PIN 7 = GROUND for input signals

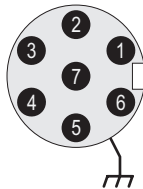
7-POLE LOCKING DIN MALE PLUG



FOR NAGRA IV-S EXTERNAL NRS (UNBALANCED)

PIN 1 = EXT NRS OUTPUT CHANNEL 2 (RIGHT)
PIN 2 = -10 V STABILIZED OUTPUT Max 100 mA
PIN 3 = EXT NRS OUTPUT CHANNEL 1 (LEFT)
PIN 4 = n/c
PIN 5 = EXT NRS INPUT CHANNEL 1 LEFT (Min imp. 47 Kohm)
PIN 6 = EXT NRS INPUT CHANNEL 2 (RIGHT) (min imp. 47 Kohm)
PIN 7 = GROUND for input signals

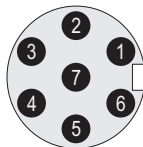
7-POLE LOCKING DIN MALE PLUG



FOR NAGRA IV-S STEREO UNBALANCED LINE OUTPUTS

PIN 1 = CHANNEL 2 (RIGHT) OUTPUT (Min imp load 500 Ohm)
PIN 2 = -10 V STABILIZED OUTPUT Max 100 mA
PIN 3 = CHANNEL 1 (LEFT) OUTPUT (Min imp load 500 Ohm)
PIN 4 = V unstab: Unstabilized power supply voltage
PIN 5 = -10R stabilized voltage in record mode only Max 100 mA
PIN 6 = STOP Input for motor stop - connect to -10V to stop motor
PIN 7 = GROUND

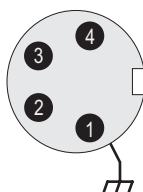
7-POLE LOCKING DIN MALE PLUG



FOR NAGRA IV-S CUE

PIN 1 = Sync reference
PIN 2 = -10 V STABILIZED OUTPUT Max 100 mA
PIN 3 = Pilot output
PIN 4 = Speed correction input
PIN 5 = -10 V FM connect to -10V to activate modulator
PIN 6 = Cue Output
PIN 7 = GROUND

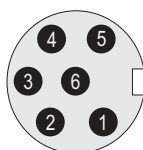
4-POLE LOCKING DIN MALE PLUG



FOR NAGRA PILOT INPUT

PIN 1 = GROUND
PIN 2 = CLAPPER - Reference oscillator or crystal pilot gen input
PIN 3 = X-TAL 50 or 60 Hz internal generator output
PIN 4 = Pilot signal input

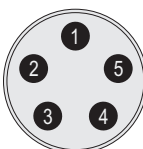
6-POLE LOCKING DIN MALE PLUG



FOR NAGRA IV-S POWER PACK

PIN 1 = - BATTERY (Negative pole of battery compartment)
PIN 2 = + BATTERY (Positive pole of battery compartment)
PIN 3 = STOP Connect -10 V to stop motor
PIN 4 = Speed correction input
PIN 5 = EXTERNAL -12 to -30 V input for external PSU negative polarity
PIN 6 = -10 g -10 V stabilized power output max 100 mA

5-POLE HIROSE MALE PLUG

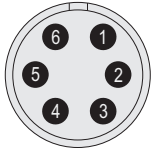


FOR NAGRA IV-S TIME CODE INPUT / OUTPUT

PIN 1 = GROUND
PIN 2 = TIME CODE INPUT
PIN 3 = SERIAL INPUT (see manual)
PIN 4 = TIME CODE PLAY
PIN 5 = TIME CODE OUTPUT

6-PIN MALE CABLE LEMO FGG.OB.306.CLAD 52Z

FOR LATER UHF MICRON SDR570.1 / 570.2 WIRELESS RECEIVERS



- PIN 1 = MIC LEVEL OP
- PIN 2 = EXTERNAL SUPPLY +VE
- PIN 3 = HIGH LEVEL OP SIGNAL +
- PIN 4 = HIGH LEVEL OP SIGNAL -
- PIN 5 = EXTERNAL SUPPLY -VE/GROUND
- PIN 6 = INTERNAL BATTERY -VE

Note: MIC LEVEL SIGNAL IS UNBALANCED, SIGNAL LOW AND GROUND INTERNALLY LINKED IN SDR570

MICRON 6-PIN LEMO STANDARD OUTPUT CABLES (by Micron part number)

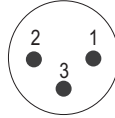
LEMO FGG.OB.306.CLAD 52Z (MALE)

XLR 3-POLE MALE

HIROSE HR10-7P-4P (SONY 12V POWER OP)

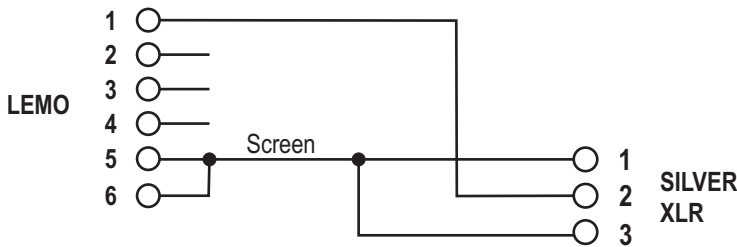


Note: All LEMO connectors must be fitted with a link between pins 5 & 6



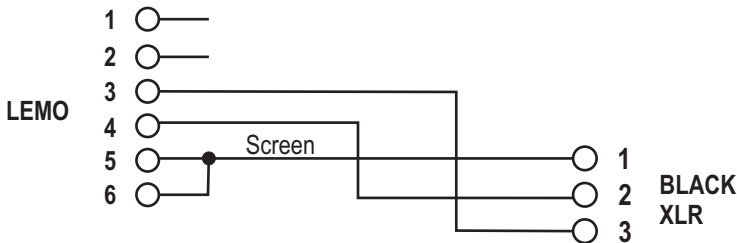
MIC LEVEL (-37dbv) INTERNAL POWER ONLY (SD6LMX)

SDR570.1/.2



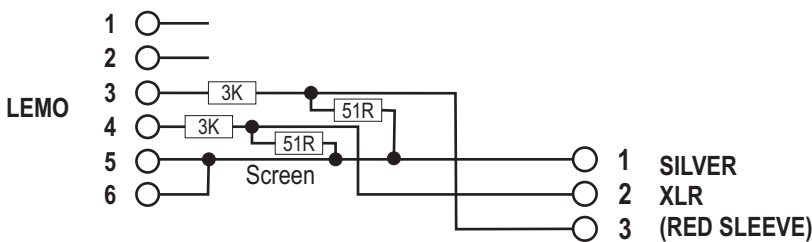
ELECTRONICALLY BALANCED HIGH LEVEL (+6dBm variable) INTERNAL POWER ONLY (SD6LHBX)

SDR570.1/.2



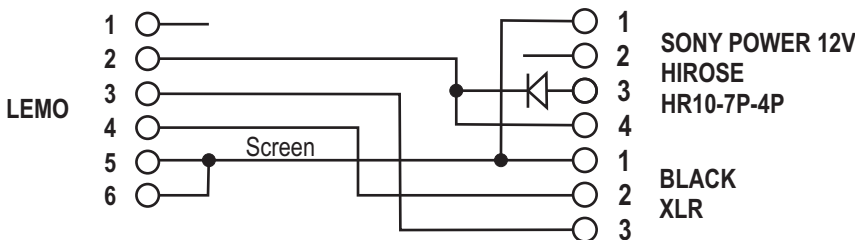
ELECTRONICALLY BALANCED MIC LEVEL (-37dBv variable) INTERNAL POWER ONLY (SD6LHBX/A)

SDR570.1/.2



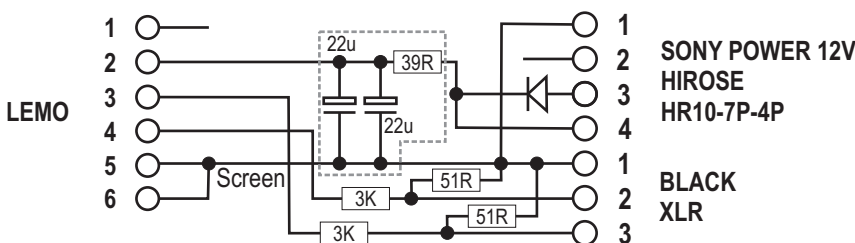
ELECTRONICALLY BALANCED HIGH LEVEL (+6dBm variable) WITH EXTERNAL POWER (SD6LPHBX)

SDR570.1/.2

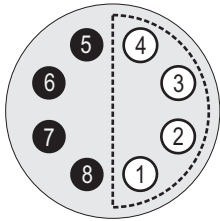


ELECTRONICALLY BALANCED MIC LEVEL (-37dBv variable) WITH EXTERNAL POWER (SD6LPHBX/A)

SDR570.1/.2



8-PIN MALE CABLE LEMO FFA2C308



FOR EARLY VHF MICRON SDR570.1 / 570.3 WIRELESS RECEIVERS

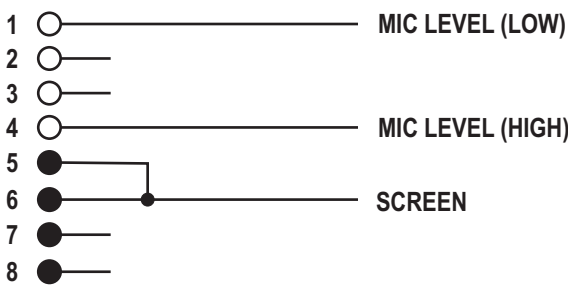
- PIN 1 = MIC LEVEL OP LOW
- PIN 2 = SIGNAL STRENGTH (H) VOLTS
- PIN 3 = HIGH LEVEL OP SIGNAL -
- PIN 4 = MIC LEVEL OP HIGH
- PIN 5 = INTERNAL BATTERY -VE
- PIN 6 = EXTERNAL SUPPLY -VE/GROUND
- PIN 7 = HIGH LEVEL OP SIGNAL +
- PIN 8 = EXTERNAL SUPPLY +VE

Cable connector, soldering side view - Pin numbers according to MICRON standard - ignore possible numbers on LEMO component
Note: MIC LEVEL SIGNAL IS UNBALANCED, SIGNAL LOW AND GROUND INTERNALLY LINKED IN SDR570

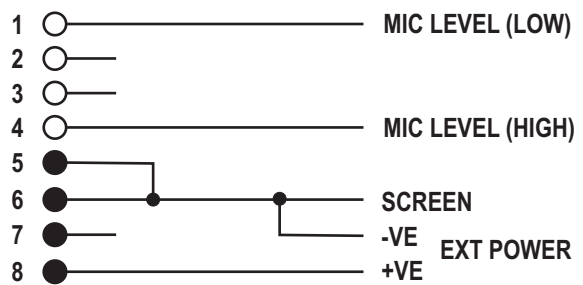
MICRON 8-PIN LEMO STANDARD OUTPUT CABLES (by Micron part number)

Note: All LEMO 8-pin connectors must be fitted with a link between pins 5 & 6

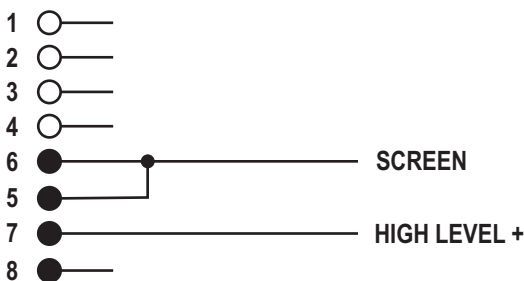
**MIC LEVEL
INTERNAL POWERING
(SLMX)**



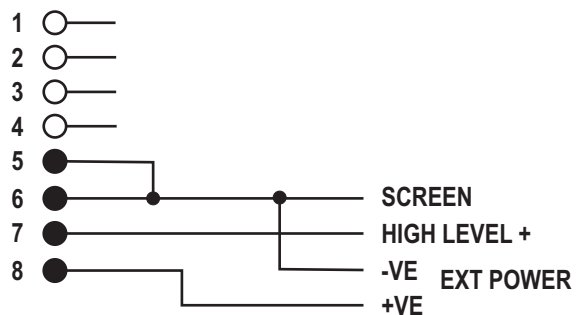
**MIC LEVEL
INTERNAL/EXTERNAL POWERING
(SLPMX)**



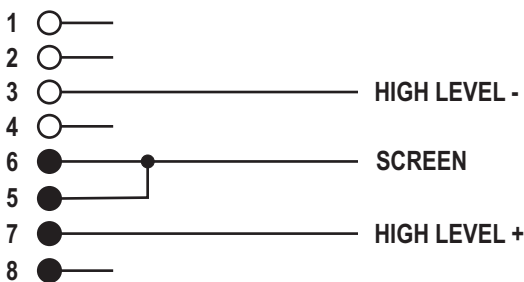
**UNBALANCED HIGH LEVEL
INTERNAL POWERING
(SLHX)**



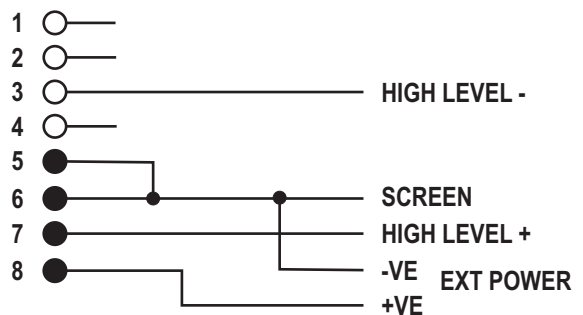
**UNBALANCED HIGH LEVEL
INTERNAL/EXTERNAL POWERING
(SLPHX)**



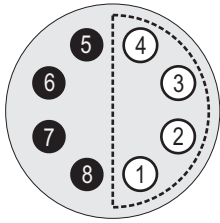
**ELECTRONICALLY BALANCED HIGH LEVEL
INTERNAL POWERING
(SLHBX)**



**ELECTRONICALLY BALANCED HIGH LEVEL
INTERNAL/EXTERNAL POWERING
(SLPHBX)**



8-PIN MALE CABLE LEMO FFA2C308



○ SOCKETS
 ● PINS

FOR EARLY VHF/UHF MICRON TX101/102/501/502//601/602 TRANSMITTERS

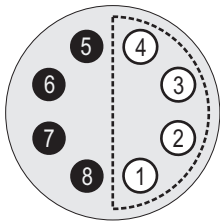
- PIN 1 = HIGH SENSITIVITY MIC INPUT -84dBv
- PIN 2 = -5v OUT
- PIN 3 = HIGH LEVEL / +VE BIAS ELECTRET INPUT -54dBv
- PIN 4 = SIGNAL LOW
- PIN 5 = BATTERY -VE
- PIN 6 = SIGNAL SCREEN / BOX EARTH
- PIN 7 = -VE BIAS ELECTRET INPUT
- PIN 8 = EXTERNAL +9v IN / +5v OUT (External power must not exceed 9v)

Cable connector, soldering side view - Pin numbers according to MICRON standard - ignore possible numbers on LEMO component
 Note: MIC LEVEL SIGNAL IS UNBALANCED, SIGNAL LOW AND GROUND INTERNALLY LINKED IN SDR570

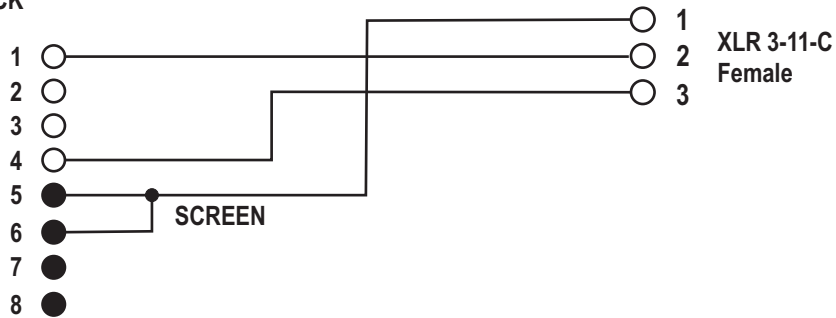
MICRON 8-PIN LEMO STANDARD INPUT CABLES (by Micron part number)

Note: All LEMO 8-pin connectors must be fitted with a link between pins 5 & 6

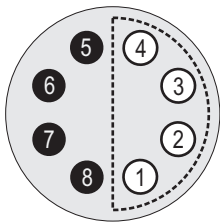
DYNAMIC MIC - NORMAL SENSITIVITY (TDN15CF) Code YELLOW/BLACK



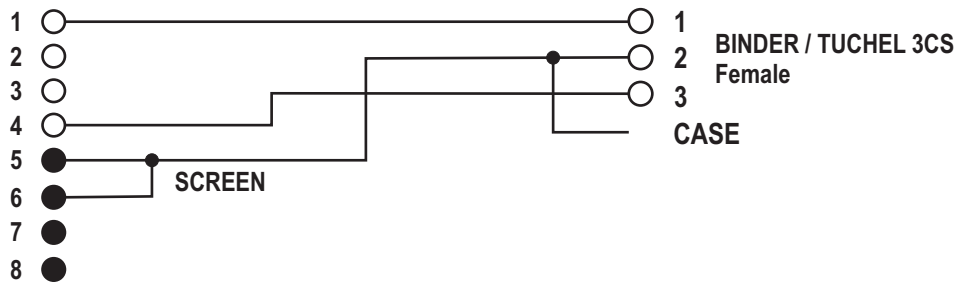
LEMO FFA2C308



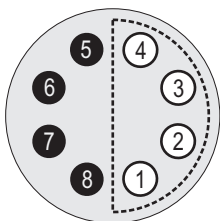
DYNAMIC MIC - NORMAL SENSITIVITY (TDN15DF) Code YELLOW/BLACK



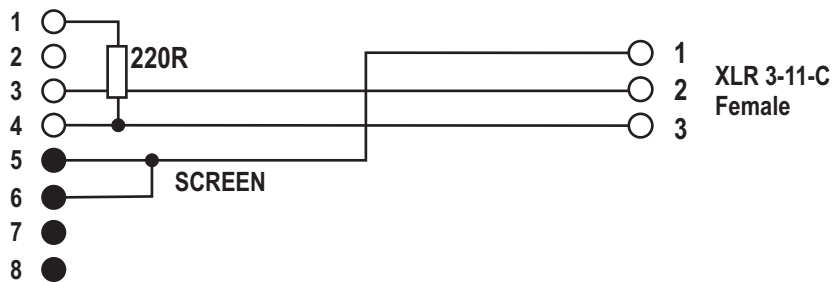
LEMO FFA2C308



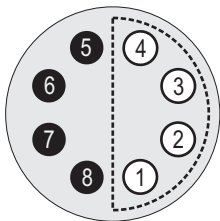
DYNAMIC MIC - LOW SENSITIVITY (TDL15CF) Code BLUE



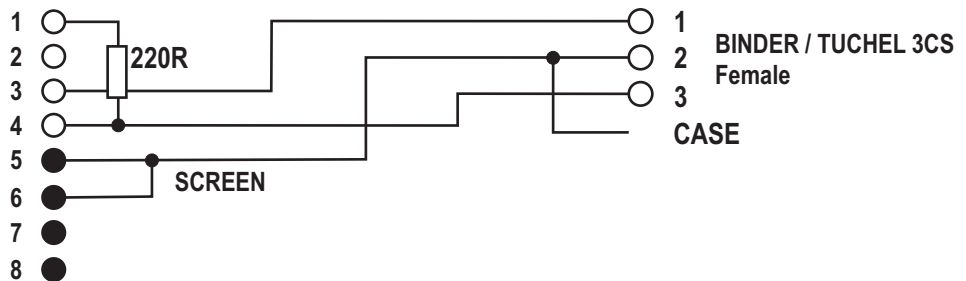
LEMO FFA2C308



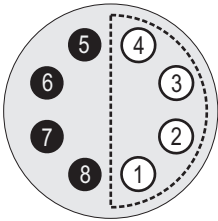
DYNAMIC MIC - LOW SENSITIVITY (TDL15DF) Code BLUE



LEMO FFA2C308



8-PIN MALE CABLE LEMO FFA2C308



○ SOCKETS
 ● PINS

FOR EARLY VHF/UHF MICRON TX101/102/501/502//601/602 TRANSMITTERS

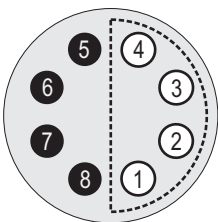
- PIN 1 = HIGH SENSITIVITY MIC INPUT -84dBv
- PIN 2 = -5v OUT
- PIN 3 = HIGH LEVEL / +VE BIAS ELECTRET INPUT -54dBv
- PIN 4 = SIGNAL LOW
- PIN 5 = BATTERY -VE
- PIN 6 = SIGNAL SCREEN / BOX EARTH
- PIN 7 = -VE BIAS ELECTRET INPUT
- PIN 8 = EXTERNAL +9v IN / +5v OUT (External power must not exceed 9v)

Cable connector, soldering side view - Pin numbers according to MICRON standard - ignore possible numbers on LEMO component
 Note: MIC LEVEL SIGNAL IS UNBALANCED, SIGNAL LOW AND GROUND INTERNALLY LINKED IN SDR570

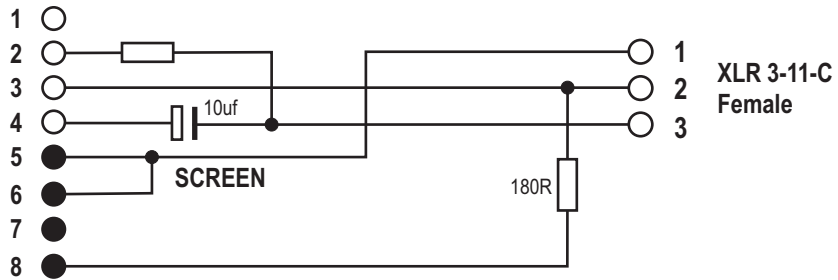
MICRON 8-PIN LEMO STANDARD INPUT CABLES (by Micron part number)

Note: All LEMO 8-pin connectors must be fitted with a link between pins 5 & 6

**CONDENSER T (A/B) POWERING - NORMAL SENSITIVITY
 (TC+ABN15CF) Code RED/BLACK**

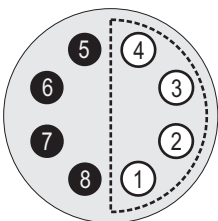


LEMO FFA2C308

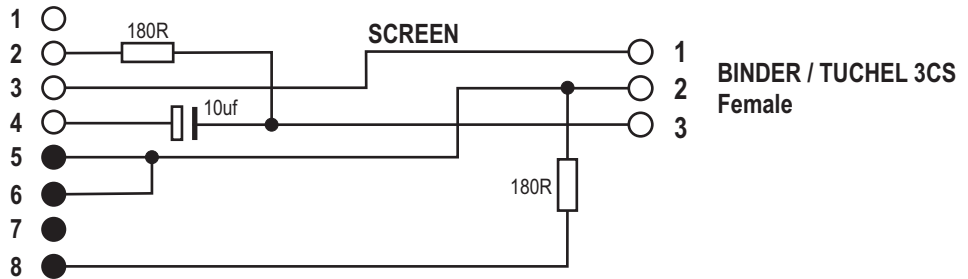


XLR 3-11-C
 Female

**CONDENSER T (A/B) POWERING - NORMAL SENSITIVITY
 (TC+ABN15CF) Code RED/BLACK**

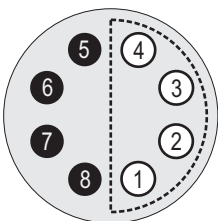


LEMO FFA2C308

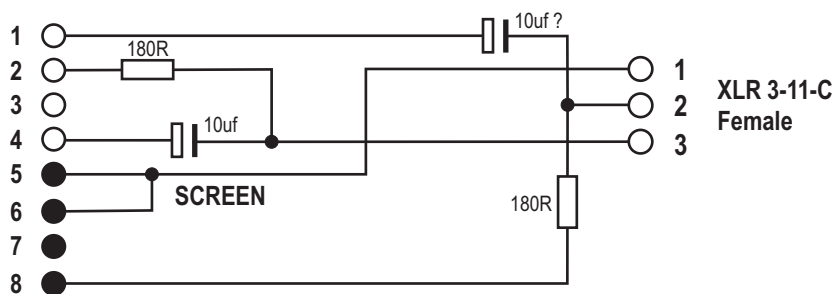


BINDER / TUCHEL 3CS
 Female

**CONDENSER T (A/B) POWERING - HIGH SENSITIVITY
 (TC+ABH15CF) Code WHITE/BLACK**

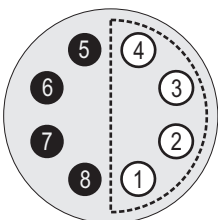


LEMO FFA2C308

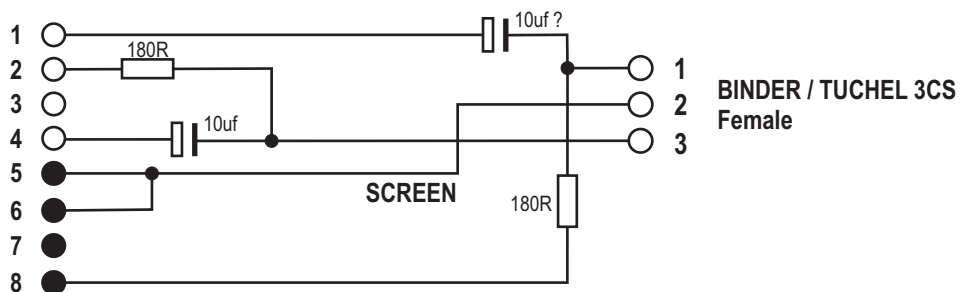


XLR 3-11-C
 Female

**CONDENSER T (A/B) POWERING - HIGH SENSITIVITY
 (TC+ABH15DF) Code WHITE/BLACK**

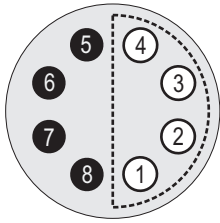


LEMO FFA2C308



BINDER / TUCHEL 3CS
 Female

8-PIN MALE CABLE LEMO FFA2C308



○ SOCKETS
● PINS

FOR EARLY VHF/UHF MICRON TX101/102/501/502//601/602 TRANSMITTERS

- PIN 1 = HIGH SENSIVITY MIC INPUT -84dBv
- PIN 2 = -5v OUT
- PIN 3 = HIGH LEVEL / +VE BIAS ELECTRET INPUT -54dBv
- PIN 4 = SIGNAL LOW
- PIN 5 = BATTERY -VE
- PIN 6 = SIGNAL SCREEN / BOX EARTH
- PIN 7 = -VE BIAS ELECTRET INPUT
- PIN 8 = EXTERNAL +9v IN / +5v OUT (External power must not exceed 9v)

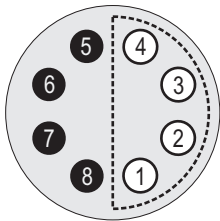
Cable connector, soldering side view - Pin numbers according to MICRON standard - ignore possible numbers on LEMO component
Note: MIC LEVEL SIGNAL IS UNBALANCED, SIGNAL LOW AND GROUND INTERNALLY LINKED IN SDR570

MICRON 8-PIN LEMO STANDARD INPUT CABLES (by Micron part number)

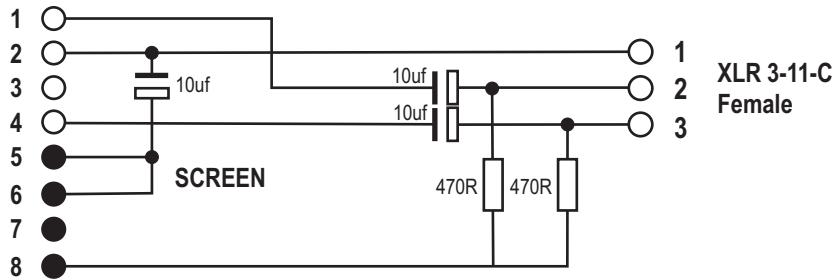
Note: All LEMO 8-pin connectors must be fitted with a link between pins 5 & 6

**CONDENSER LOW VOLTAGE PHANTOM POWERING - NORMAL SENSITIVITY
(TC+PN15CF) Code GREEN/BLACK**

When using TC+P cables do not allow microphone to touch transmitter case

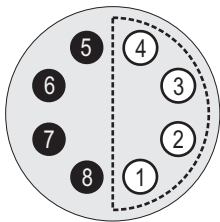


LEMO FFA2C308

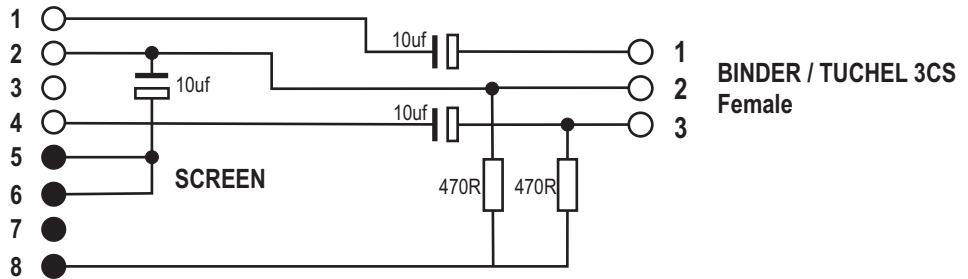


**CONDENSER LOW VOLTAGE PHANTOM POWERING - NORMAL SENSITIVITY
(TC+PN15DF) Code GREEN/BLACK**

When using TC+P cables do not allow microphone to touch transmitter case

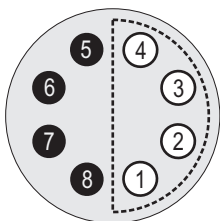


LEMO FFA2C308

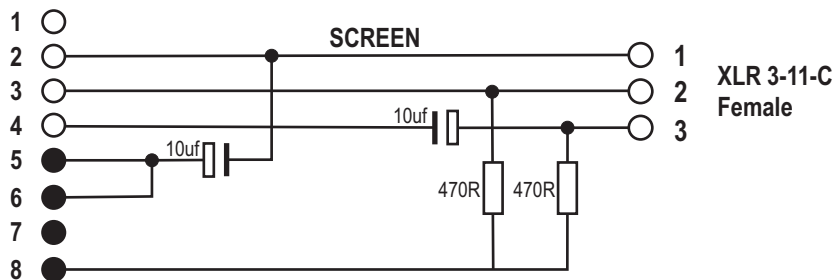


**CONDENSER LOW VOLTAGE PHANTOM POWERING - LOW SENSITIVITY
(TC+PL15CF) Code GREEN/BLUE**

When using TC+P cables do not allow microphone to touch transmitter case

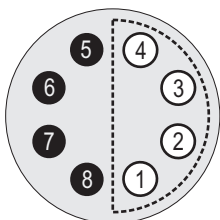


LEMO FFA2C308

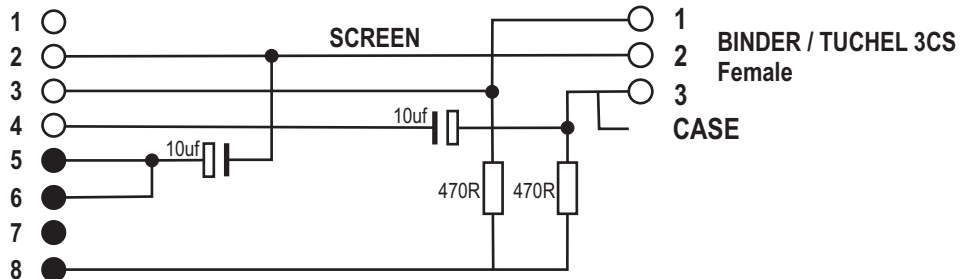


**CONDENSER LOW VOLTAGE PHANTOM POWERING - LOW SENSITIVITY
(TC+PL15DF) Code GREEN/BLUE**

When using TC+P cables do not allow microphone to touch transmitter case



LEMO FFA2C308

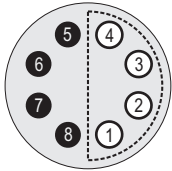


MICRON 8-PIN LEMO STANDARD INPUT CABLES (by Micron part number)

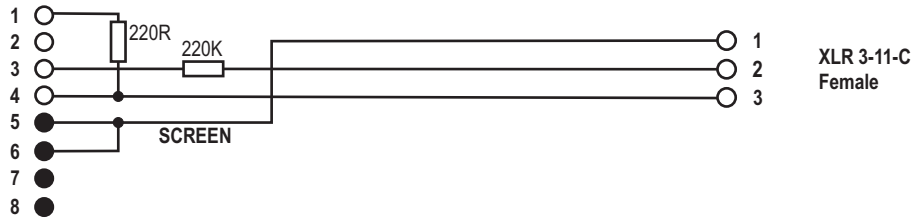
Note: All LEMO 8-pin connectors must be fitted with a link between pins 5 & 6

Cable connector, soldering side view - Pin numbers according to MICRON standard - ignore possible numbers on LEMO component

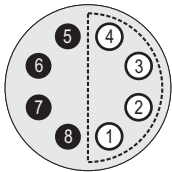
**BALANCED MONO LINE INPUT TO XLR
 (TC20CF) Code BLACK**



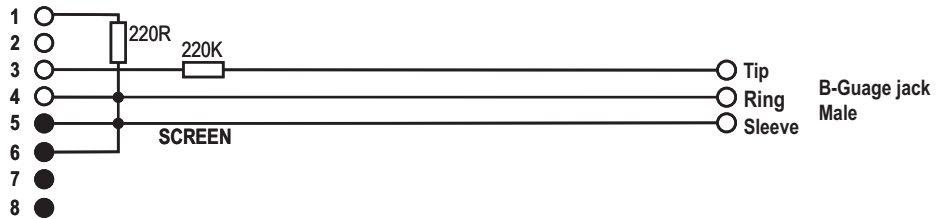
LEMO FFA2C308



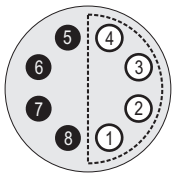
**BALANCED MONO LINE INPUT TO B GUAGE JACK
 (TC20J) Code BLACK**



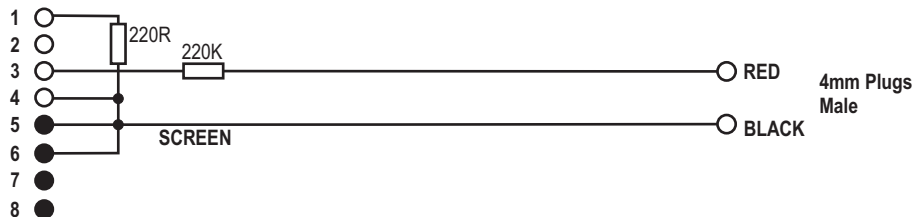
LEMO FFA2C308



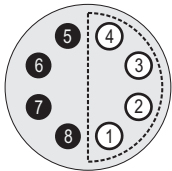
**UNBALANCED MONO LINE INPUT TO 4mm PLUGS
 (TC20BP) Code BLACK**



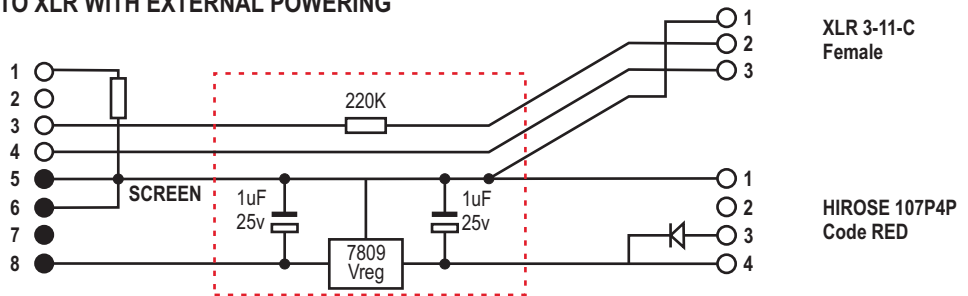
LEMO FFA2C308



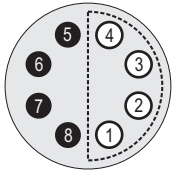
**BALANCED MONO LINE INPUT TO XLR WITH EXTERNAL POWERING
 (TLP07CF) Code RED**



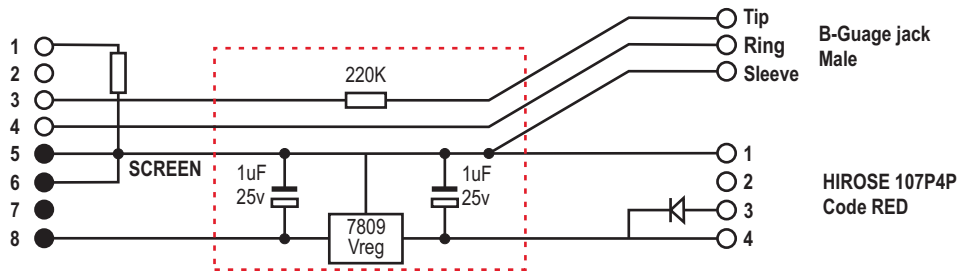
LEMO FFA2C308



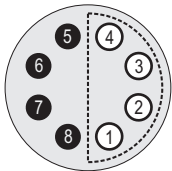
**BALANCED MONO LINE INPUT TO B GUAGE JACK WITH EXTERNAL POWERING
 (TLP07J) Code RED**



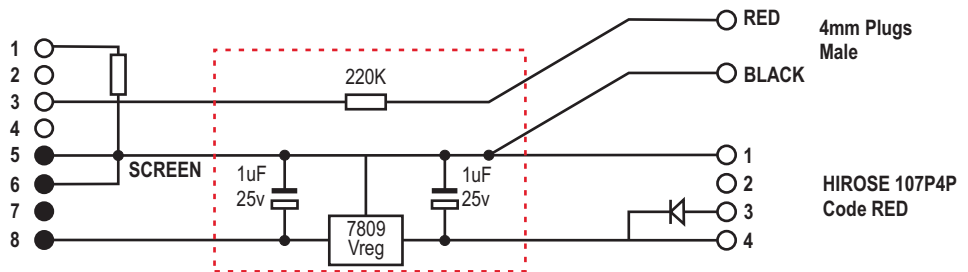
LEMO FFA2C308



**BALANCED MONO LINE INPUT TO 4mm PLUGS WITH EXTERNAL POWERING
 (TLP07BP) Code RED**



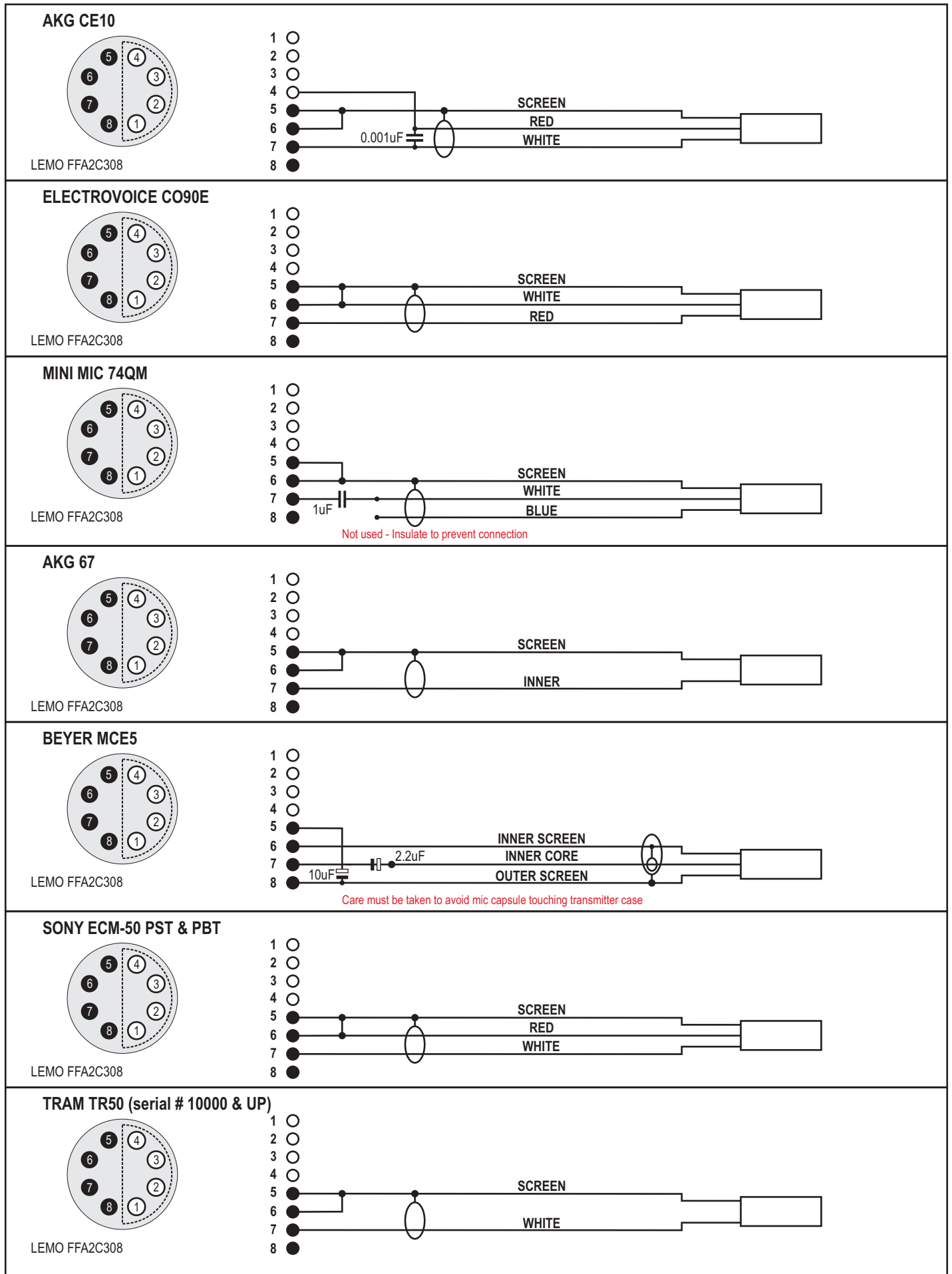
LEMO FFA2C308



MICRON 8-PIN LEMO MICROPHONE CONNECTIONS

Note: All LEMO 8-pin connectors must be fitted with a link between pins 5 & 6

Cable connector, soldering side view - Pin numbers according to MICRON standard - ignore possible numbers on LEMO component

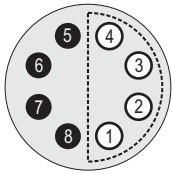


MICRON 8-PIN LEMO MICROPHONE CONNECTIONS

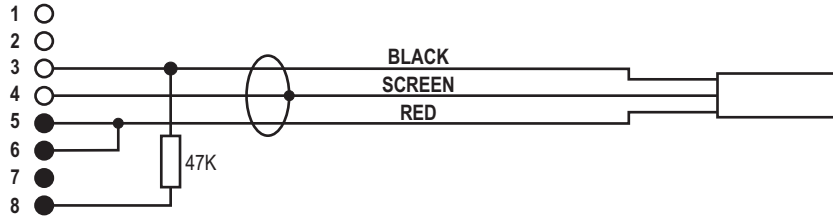
Note: All LEMO 8-pin connectors must be fitted with a link between pins 5 & 6

Cable connector, soldering side view - Pin numbers according to MICRON standard - ignore possible numbers on LEMO component

COUNTRYMAN



LEMO FFA2C308

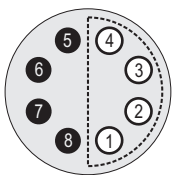


FOR MICRON 500 SERIES ONLY (TX501 / TX502)

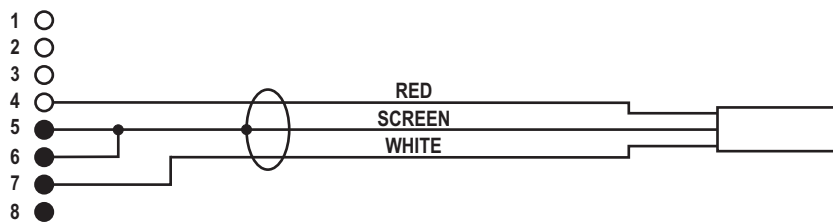
SONY ECM-55 (BT, ST, BPT, SPT)
SONY ECM-77 (BT, ST, BPT, SPT)
 Code BROWN

When used as a cable microphone all battery packs can be used.

(When using battery packs with single core cable, link pins 5,6, and 4 in the battery pack Lemo connector)



LEMO FFA2C308

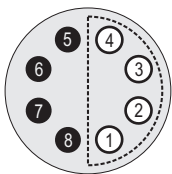


FOR MICRON 100 SERIES (TX101 / TX102) & 500 SERIES (TX501 / TX502)

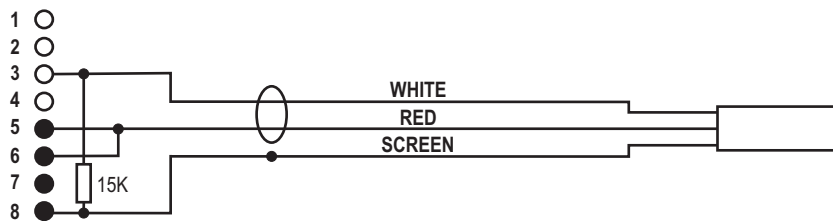
SONY ECM-55 (BT, ST, BPT, SPT)
SONY ECM-77 (BT, ST, BPT, SPT)
 Code YELLOW

When used as a cable microphone, ONLY battery packs with two-core cable can be used. (PBT, PST, BPT, SPT types)

CAUTION - Care must be taken to avoid the microphone body touching the transmitter case.



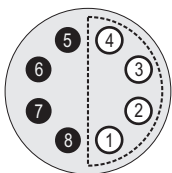
LEMO FFA2C308



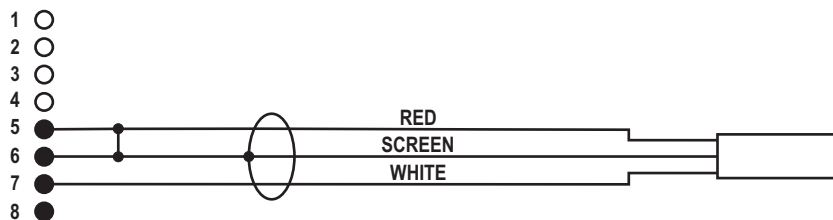
FOR MICRON 100 SERIES (TX101 / TX102) & 500 SERIES (TX501 / TX502)

SONY ECM-55 (BPT, SPT)
SONY ECM-77 (BPT, SPT)
 Code BLACK

When used as a cable microphone, ONLY battery packs with single-core cable can be used. (ECM-50B / ECM-30 types)



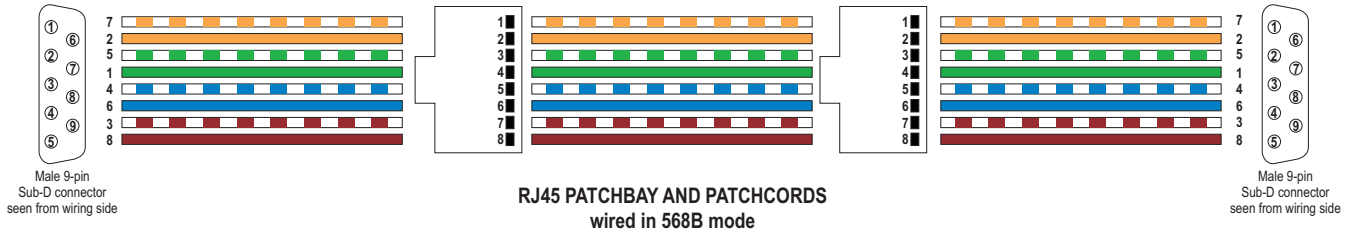
LEMO FFA2C308



PLUG TO VTR

Wiring diagram for interconnection of VTR and Edit controller
RS-422 serial communications via RJ45 patchfield using Cat 5e cable

PLUG TO VTR

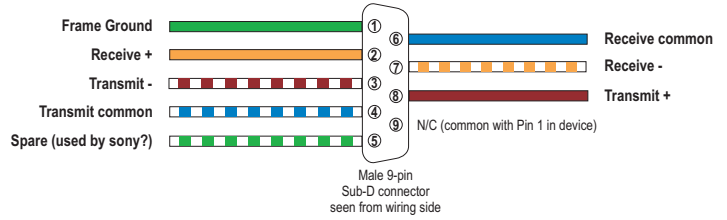


RJ45 PATCHBAY AND PATCHCORDS
wired in 568B mode

RS-422 Standard 9-pin connections

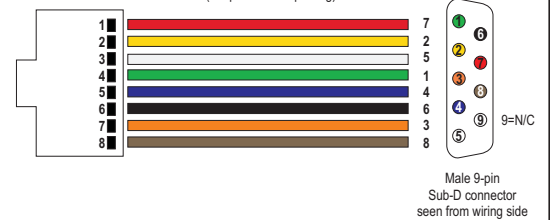
PIN	CONTROLLER	DEVICE
1	Frame Ground	Frame Ground
2	Receive +	Transmit +
3	Transmit -	Receive -
4	Transmit common	Receive common
5	Spare (used by sony?)	Spare (used by sony?)
6	Receive common	Transmit common
7	Receive -	Transmit -
8	Transmit +	Receive +
9	Frame Ground Common with Pin 1 for 8 wire	Frame Ground Common with Pin 1 for 8 wire

CAT5e (RJ-45) to DB-9M wired direct
(DB9 internal pinning)



VTR's & Control devices have a 9-pin Female Sub-D RS-422 chassis connector

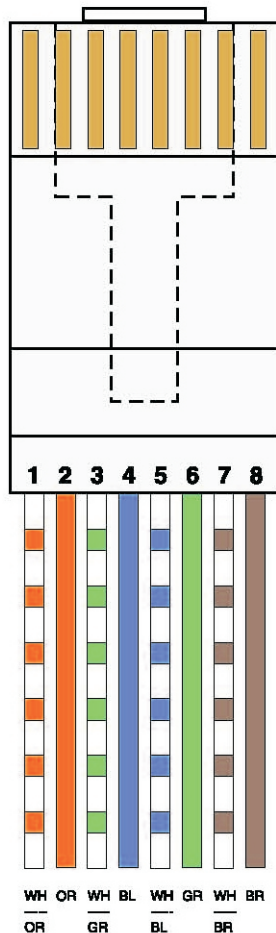
CAT5e (RJ-45) to DB-9M adapter
(adapter internal pinning)



Note:

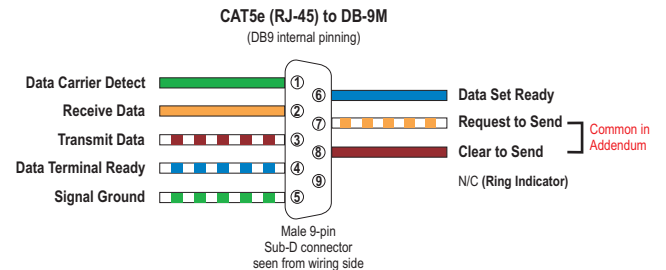
According to the Sony standard, most compliant VTR's will interconnect using straight cables (1-1 etc), as the VTR's are able to software patch the transmit and receive pairs. Such connections can be accomplished

UTP RJ-45 CONNECTOR FOR CAT5e NETWORK CABLES
100/1000 Mbit



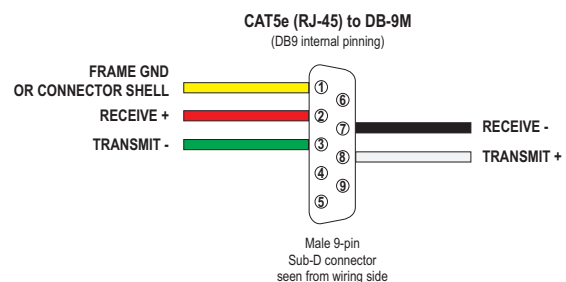
TIA 568 B
(with clip down)

SUB-D 9 POLE MALE CONNECTOR WIRED FOR RS-232 CONNECTION TO ADDENDUM ADAPTER
for control of a Sony 9-Pin VTR RS422 device from a PC COM port

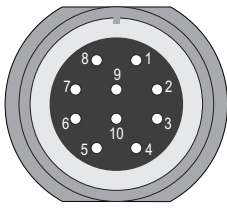


PC COM ports and other RS-232C Control devices have a 9-pin Male Sub-D chassis connector to interconnect an Addendum adaptor and a COM port use a 9-pin female to female cable

SUB-D 9 POLE MALE CONNECTOR MINIMAL WIRING
for control of a Sony 9-Pin VTR RS422 device



10-POLE HIROSE LOCKING MALE PLUG



**FOR AVID PINNACLE CHROME HD BOB PSU CABLE
 (CONNECTION TO PSU)**

- PIN 1 = V1 +5V DC (RED)
- PIN 2 = V1 +5V DC (RED)
- PIN 3 = COMMON (BLACK)
- PIN 4 = COMMON (BLACK)
- PIN 5 = COMMON (BLUE)
- PIN 6 = V2 +15V DC (YELLOW)
- PIN 7 = V2 +15V DC (YELLOW)
- PIN 8 = V3 -15V DC (WHITE)
- PIN 9 = GROUND
- PIN 10 = GROUND

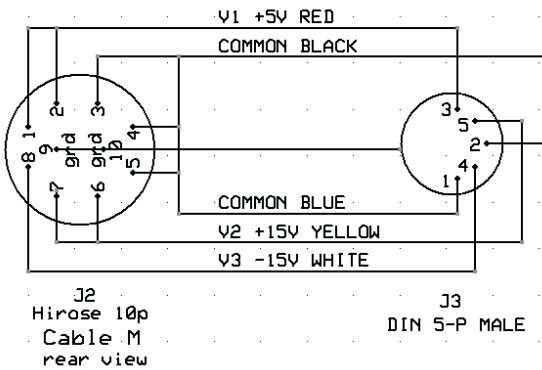
5-POLE 180° PREH LOCKING DIN MALE PLUG



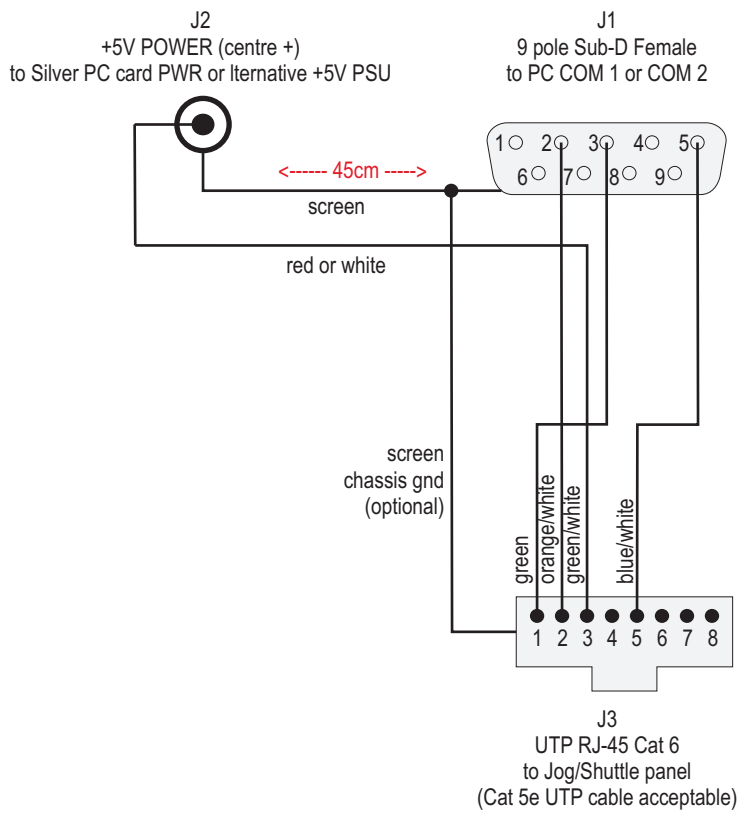
**FOR AVID PINNACLE CHROME HD BOB PSU CABLE
 (CONNECTION TO BOB)**

- PIN 1 = COMMON (BLUE)
- PIN 2 = COMMON (BLACK)
- PIN 3 = V1 +5V DC (RED)
- PIN 4 = V3 -15V DC (WHITE)
- PIN 5 = V2 +15V DC (YELLOW)
- CHASSIS = GROUND

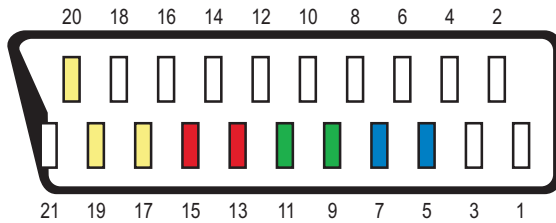
output cable colours identical to
 DEM Astrodyne SP45-303 PSU cable



9-PIN SERIAL TO RJ-45 SPECIAL CABLE FOR LIQUID JOG-SHUTTLE CONTROL



SCART CABLE MALE PLUG



STANDARD SCART PINOUT
CHECK WITH SPECIFIC EQUIPMENT MANUAL
BEFORE MAKING CUSTOM SCART CABLES

- Pin 1 = Audio output (right)
- Pin 2 = Audio input (right)
- Pin 3 = Audio output (left/mono)
- Pin 4 = Audio ground
- Pin 5 = RGB Blue ground (pin 7 ground)
- Pin 6 = Audio input (left/mono)
- Pin 7 = RGB Blue up
S-Video C down [a]
Component PB up [b]
- Pin 8 = Status & Aspect Ratio up [c]
0-0.4 V ? off
5-8 V ? on/16:9
9.5-12 V ? on/4:3
- Pin 9 = RGB Green ground (pin 11 ground)
- Pin 10 = Clock / Data 2 [d]
Control bus (AV.link)
- Pin 11 = RGB Green up
Component Y up [b]
- Pin 12 = Reserved / Data 1 [d]
- Pin 13 = RGB Red ground (pin 15 ground)
- Pin 14 = Usually Data signal ground (pins 8, 10 & 12 ground)
- Pin 15 = RGB Red up
S-Video C up
Component PR up [b]
- Pin 16 = Blanking signal up
RGB-selection voltage up
0-0.4 V ? composite
1-3 V ? RGB
- Pin 17 = Composite video ground (pin 19 & 20 ground)
- Pin 18 = Blanking signal ground (pin 16 ground)
- Pin 19 = Composite video output
S-Video Y output
- Pin 20 = Composite video input
S-Video Y input
- Pin 21 = Shell/Chassis [e]

[a] Rarely supported.

[b] Non-standard extension.

[c] From STB to VCR when used for unattended recording

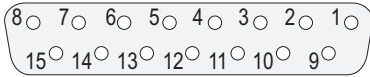
[d] Protocol not standardised, e.g. D²B.

[e] This pin is part of the shell/surround of the male connector. It is often connected to the overall screen in a cheap cable. In equipment, Pin 21 should be connected separately to the chassis, but often it is merely connected to all the other ground pins.

output/input denotes symmetrical links
up/down denotes links to/from the TV set

Source = <http://en.wikipedia.org/wiki/Scart>

15-POLE SUB-D CABLE MALE PLUG

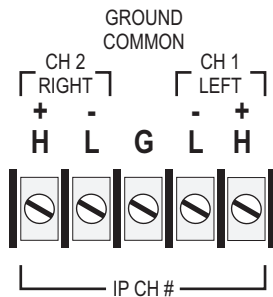


FOR TEKTRONIX 1781R WAVEFORM/VECTORSCOPE
X-Y AUDIO INPUT ONLY

- Pin 1 = -X input LEFT - (cold)
- Pin 2 = n/c
- Pin 3 = +X input LEFT+ (hot)
- Pin 4 = n/c
- Pin 5 = -Y input RIGHT - (cold)
- Pin 6 = n/c
- Pin 7 = +Y input RIGHT + (hot)
- Pin 8 = n/c
- Pin 9 = -X input LEFT - (cold)
- Pin 10 = GROUND
- Pin 11 = +X high gain input LEFT + (hot)
- Pin 12 = GROUND
- Pin 13 = -Y input RIGHT - (cold)
- Pin 14 = n/c
- Pin 15 = +Y high gain input RIGHT + (hot)

TERMINAL BLOCK CONNECTION FOR BALANCED AUDIO INPUTS AND OUTPUTS - VIDEOTEK RS-10A 10-1 STEREO SWITCH

SWITCHER CHANNEL BALANCED STEREO INPUTS



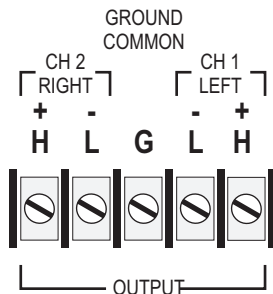
FIVE SCREW TERMINALS

FOR EACH BALANCED STEREO INPUT AND OUTPUT

INPUTS ARE ARRANGED IN A SINGLE CONNECTOR ROW
NUMBERING CH 10 TO CH 1 FROM LEFT TO RIGHT
WHEN VIEWED FROM REAR OF RS-10A

- H = SIGNAL + (HOT)
- L = SIGNAL - (COLD)
- G = COMMON GROUND

SWITCHER BALANCED STEREO OUTPUT



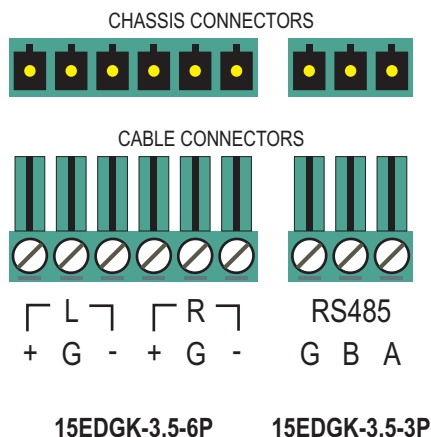
OUTPUTS ARE LOCATED AT RIGHT END OF CONNECTOR ROW
WHEN VIEWED FROM REAR

- + = SIGNAL + (HOT)
- = SIGNAL - (COLD)
- G = COMMON GROUND

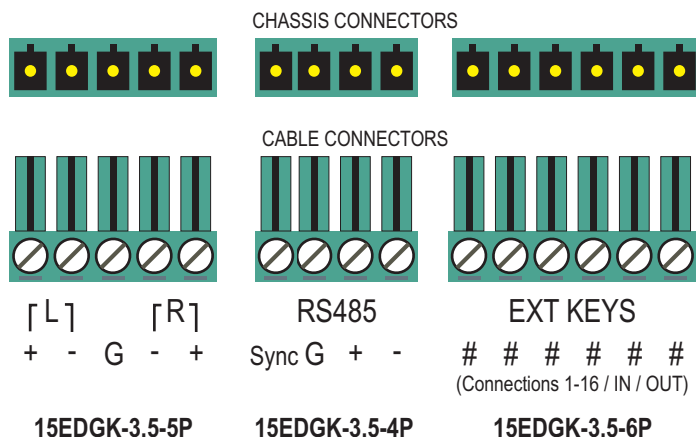
ENSURE THAT SCREEN/GROUND TAKES THE STRAIN OF THE CABLE

TERMINAL BLOCK CONNECTIONS FOR BALANCED AUDIO INPUTS AND OUTPUTS - KRAMER SWITCHES

KRAMER VS848 MATRIX SWITCH



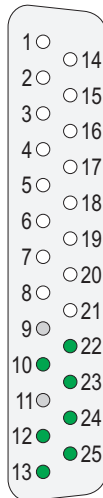
KRAMER VS162AV MATRIX SWITCH



(Connections 1-16 / IN / OUT)

25-POLE SUB-D CABLE MALE PLUG FOR YAMAHA O3D MIXER CD8AES DIGITAL AUDIO INTERFACE

Signal	Pin #	
	Hot +	Cold -
AES DATA INPUT CHANNELS	1 / 2	1 14
	3 / 4	2 15
	5 / 6	3 16
	7 / 8	4 17
AES DATA OUTPUT CHANNELS	1 / 2	5 18
	3 / 4	6 19
	5 / 6	7 20
	7 / 8	8 21
Unused	9, 11	
GROUND	10, 12, 13, 22, 23, 24, 25	

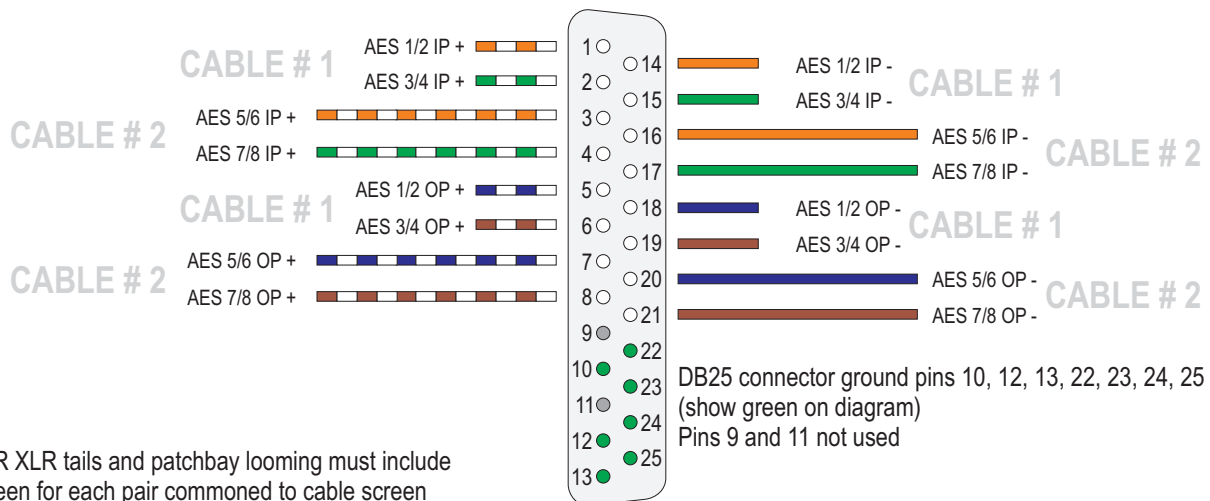


Signal	Channels	Cable #	Cat 5e Twisted pair colours	
			Hot +	Cold -
AES DATA INPUT CHANNELS	1 / 2	1	Blue/White	Blue
	3 / 4		Brown/White	Brown
	5 / 6	2	Blue/White	Blue
	7 / 8		Brown/White	Brown
AES DATA OUTPUT CHANNELS	1 / 2	1	Orange/White	Orange
	3 / 4		Green/White	Green
	5 / 6	2	Orange/White	Orange
	7 / 8		Green/White	Green

For 4 channel AES inputs and outputs use ONE four pair CAT 5e cable

For 8 channel AES inputs and outputs use ONE four pair CAT 5e cable

8 Channel AES to and from YAMAHA O3D MIXER CD8AES from AES patchbay



LEGACY (INSTALLED) 4 x Twisted pair (Cat5e) cable for AES connections (FROM AES PATCHBAY TO VTR 5)

Signal	AES Channels	Twisted pair	Cat 5e Twisted pair colours	
			Hot +	Cold -
AES IP CHANNELS	1 / 2	Cable	Blue/White	Blue
	3 / 4		Brown/White	Brown
AES OP CHANNELS	1 / 2		Orange/White	Orange
	3 / 4		Green/White	Green

VTR XLR tails and patchbay looming must include screen for each pair commoned to cable screen

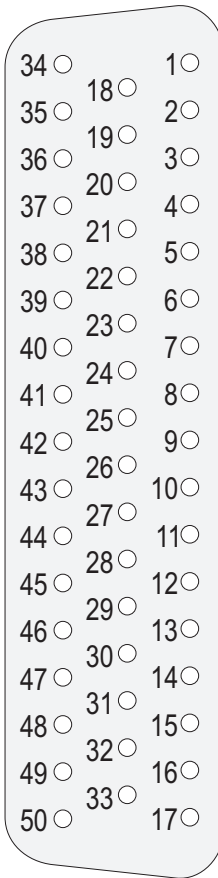
HOUSE STANDARD) for 4 x Twisted pair (Cat5e) cable for AES connections to devices with up to 2 stereo AES in and outputs

Signal	AES Channels	Twisted pair	Cat 5e Twisted pair colours	
			Hot +	Cold -
AES IP CHANNELS	1 / 2	Cable	Blue/White	Blue
	3 / 4		Brown/White	Brown
AES OP CHANNELS	1 / 2		Orange/White	Orange
	3 / 4		Green/White	Green

VTR XLR tails and patchbay looming must include screen for each pair commoned to cable screen

50-POLE SUB-D CABLE FEMALE SOCKET

FEMALE



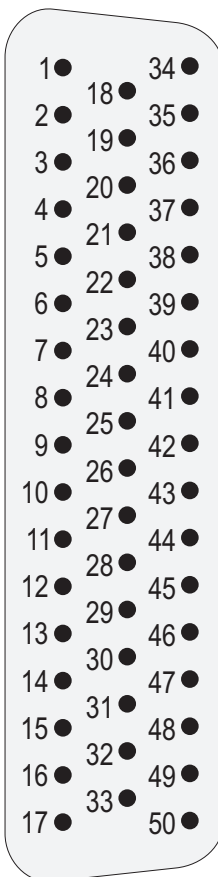
FOR EDIT1-CHROME HD DESK AUDIO PATCHBAY

Patchbay #2 - middle row - connections
to Patchbay #3 - lower row from Multicore #2 from VTR rack

M/C COLOUR	TO #	GND	-	+	FUNCTION
	121	1	18	34	ADA 1 BAL IP LEFT
	122	2	19	35	ADA 1 BAL IP RIGHT
	129	3	20	36	NLE 1 CHROME HD IP 1
	130	4	21	37	NLE 1 CHROME HD IP 2
	131	5	22	38	NLE 1 CHROME HD IP 3
	132	6	23	39	NLE 1 CHROME HD IP 4
	143/144	7	24	40	EDIT1-530 ST. UNBAL IP
	n/c	8	25	41	
	n/c	9	26	42	
	n/c	10	27	43	
	n/c	11	28	44	
	n/c	12	29	45	
	n/c	13	30	46	
	n/c	14	31	47	
	n/c	15	32	48	
	n/c	16	33	49	
	n/c	17		50	

50-POLE SUB-D CABLE MALE PLUG

MALE



FOR EDIT1-CHROME HD DESK AUDIO PATCHBAY

Patchbay #3 - lower row - connections
to Patchbay #2 - middle row from Multicore #2 from VTR rack

PINOUT NUMBERING THE SAME AS ABOVE

NOTE:

ALL CONNECTIONS WIRED AS BALANCED MONO
ON PATCHBAYS

EXCEPT

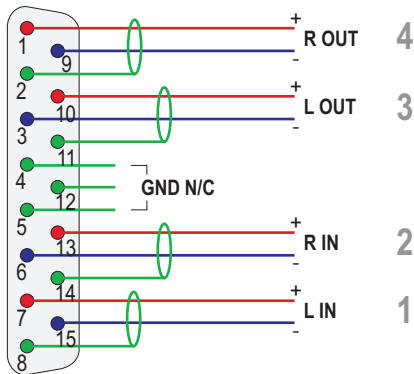
143/144 EDIT1-530 STEREO UNBAL

(PLUS OTHER PC AUDIO LINES NOT COVERED BY THIS LINK CABLE)

Which use a single twin-screed cable for stereo unbalanced
connection to two PO316 sockets

15-POLE SUB-D CABLE MALE PLUG
PCX924 J2 - ANALOGUE AUDIO

Pinning 1:1 MALE TO MALE

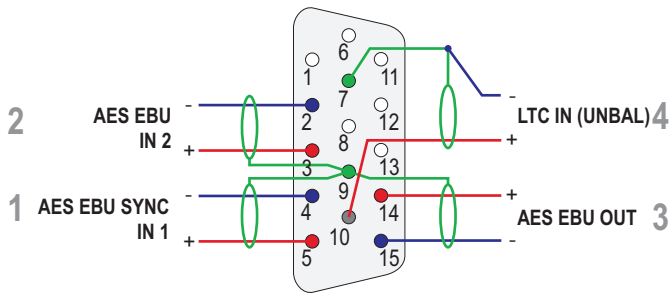


FOR ANALOGUE INTERCONNECTION BETWEEN
DIGIGRAM PCX924 AUDIO CARD AND SONIFEX DAW-P

- Pin 1 = R OUT +
- Pin 2 = GROUND
- Pin 3 = L OUT -
- Pin 4 = GROUND
- Pin 5 = GROUND (MIC IN - on PCX924-HR MIC card)
- Pin 6 = R IN -
- Pin 7 = L IN +
- Pin 8 = GROUND
- Pin 9 = R OUT -
- Pin 10 = L OUT +
- Pin 11 = GROUND
- Pin 12 = GROUND (MIC IN + on PCX924-HR MIC card)
- Pin 13 = R IN +
- Pin 14 = GROUND

15-POLE DE-15 CABLE MALE PLUG
PCX924 J2 - DIGITAL AUDIO

Pinning 1:1 MALE TO MALE



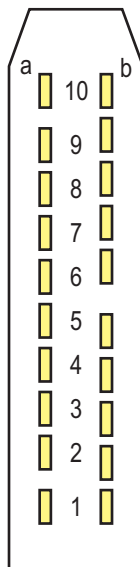
GPI & LTC not connected for DAW-P configuration

FOR DIGITAL INTERCONNECTION BETWEEN
DIGIGRAM PCX924 AUDIO CARD AND SONIFEX DAW-P

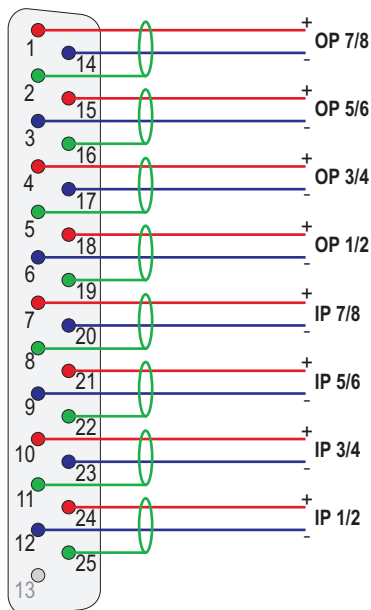
- Pin 1 = GPI OUT 1A
- Pin 2 = AES EBU IN 2-
- Pin 3 = AES EBU IN 2+
- Pin 4 = AES EBU / SYNC IN 1-
- Pin 5 = AES EBU / SYNC IN 1+
- Pin 6 = GPI INPUT 2
- Pin 7 = GROUND / GPI INPUT COMMON
- Pin 8 = GPI INPUT 1
- Pin 9 = GROUND
- Pin 10 = LTC IN
- Pin 11 = GPI OUT 1B
- Pin 12 = GPI OUT 2A
- Pin 13 = GPI OUT 2B
- Pin 14 = AES EBU OUT +
- Pin 15 = AES EBU OUT -

20-POLE SEIMANS DIN CONNECTOR

NOT IMPLEMENTED



**25-POLE SUB-D CABLE MALE PLUG
AVID NITRIS DX AES/EBU INPUTS/OUTPUTS**



PIN 13 NOT CONNECTED

**FOR AES/EBU INTERCONNECTION
WITH AVID NITRIS DX BOX**

AES/EBU LINE INPUT

Pin 25 - Input Channel 1/2 GROUND

Pin 24 - Input Channel 1/2 +

Pin 12 - Input Channel 1/2 -

Pin 11 - Input Channel 3/4 GROUND

Pin 10 - Input Channel 3/4 +

Pin 23 - Input Channel 3/4 -

Pin 22 - Input Channel 5/6 GROUND

Pin 21 - Input Channel 5/6 +

Pin 9 - Input Channel 5/6 -

Pin 8 - Input Channel 7/8 GROUND

Pin 7 - Input Channel 7/8 +

Pin 20 - Input Channel 7/8 -

AES/EBU LINE OUTPUT

Pin 19 - Output Channel 1/2 GROUND

Pin 18 - Output Channel 1/2 +

Pin 6 - Output Channel 1/2 -

Pin 5 - Output Channel 3/4 GROUND

Pin 4 - Output Channel 3/4 +

Pin 17 - Output Channel 3/4 -

Pin 16 - Output Channel 5/6 GROUND

Pin 15 - Output Channel 5/6 +

Pin 3 - Output Channel 5/6 -

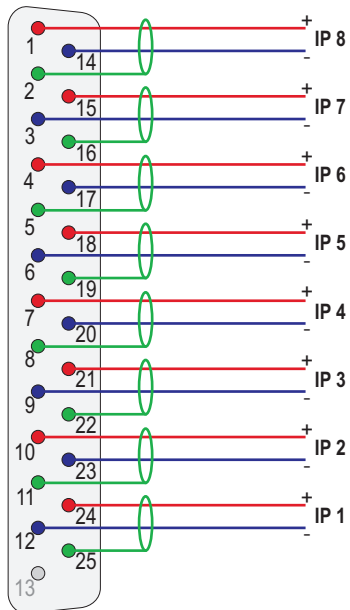
Pin 2 - Output Channel 7/8 GROUND

Pin 1 - Output Channel 7/8 +

Pin 14 - Output Channel 7/8 -

Note: PIN 13 is not connected

**25-POLE SUB-D CABLE MALE PLUG
AVID NITRIS HD ANALOGUE INPUTS
(not Nitris DX)**



PIN 13 NOT CONNECTED

**FOR ANALOG INTERCONNECTION
WITH AVID NITRIS HD BOX**

ANALOG LINE INPUT

Pin 25 - Input Channel 1 GROUND
Pin 24 - Input Channel 1 +
Pin 12 - Input Channel 1 -

Pin 11 - Input Channel 2 GROUND
Pin 10 - Input Channel 2 +
Pin 23 - Input Channel 2 -

Pin 22 - Input Channel 3 GROUND
Pin 21 - Input Channel 3 +
Pin 9 - Input Channel 3 -

Pin 8 - Input Channel 4 GROUND
Pin 7 - Input Channel 4 +
Pin 20 - Input Channel 4 -

Pin 19 - Input Channel 5 GROUND
Pin 18 - Input Channel 5 +
Pin 6 - Input Channel 5 -

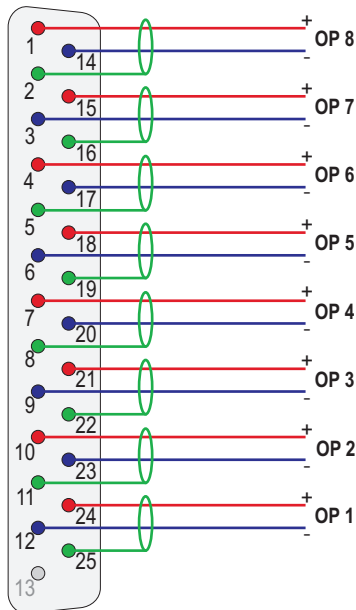
Pin 5 - Input Channel 6 GROUND
Pin 4 - Input Channel 6 +
Pin 17 - Input Channel 6 -

Pin 16 - Input Channel 7 GROUND
Pin 15 - Input Channel 7 +
Pin 3 - Input Channel 7 -

Pin 2 - Input Channel 8 GROUND
Pin 1 - Input Channel 8 +
Pin 14 - Input Channel 8 -

Note: PIN 13 is not connected

**25-POLE SUB-D CABLE MALE PLUG
AVID NITRIS HD ANALOGUE OUTPUTS
(not Nitris DX)**



PIN 13 NOT CONNECTED

**FOR ANALOG INTERCONNECTION
WITH AVID NITRIS HD BOX**

ANALOG LINE OUTPUT

- Pin 25 - Output Channel 1 GROUND
- Pin 24 - Output Channel 1 +
- Pin 12 - Output Channel 1 -

- Pin 11 - Output Channel 2 GROUND
- Pin 10 - Output Channel 2 +
- Pin 23 - Output Channel 2 -

- Pin 22 - Output Channel 3 GROUND
- Pin 21 - Output Channel 3 +
- Pin 9 - Output Channel 3 -

- Pin 8 - Output Channel 4 GROUND
- Pin 7 - Output Channel 4 +
- Pin 20 - Output Channel 4 -

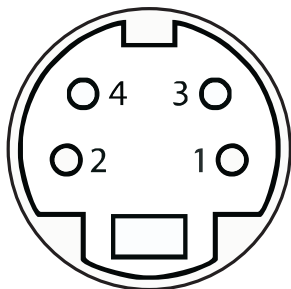
- Pin 19 - Output Channel 5 GROUND
- Pin 18 - Output Channel 5 +
- Pin 6 - Output Channel 5 -

- Pin 5 - Output Channel 6 GROUND
- Pin 4 - Output Channel 6 +
- Pin 17 - Output Channel 6 -

- Pin 16 - Output Channel 7 GROUND
- Pin 15 - Output Channel 7 +
- Pin 3 - Output Channel 7 -

- Pin 2 - Output Channel 8 GROUND
- Pin 1 - Output Channel 8 +
- Pin 14 - Output Channel 8 -

Note: PIN 13 is not connected



S-VIDEO (MALE PLUG) 4-pin Mini DIN connector (Mini-DIN-4)

- Pin 1 = GROUND (Y)
- Pin 2 = GROUND (C)
- Pin 3 = Y (LUMINANCE)
- Pin 4 = C (CHROMINANCE)

The shells should be connected together by an overall screen/shield. However, the shield is often absent in low-end cables, which can result in picture degradation.

S-VIDEO TO COMPOSITE VIDEO ADAPTER

