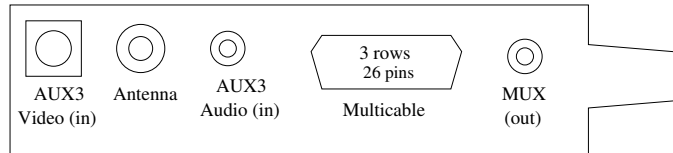


Description of the external connectors

1 Overview

The following picture shows a backside view of the sheet metal:



The sheet metal shows the basic connectors at the back side. The extended connector is used in combination with the multicable to provide more inputs and the connectors for the sound module.

2 The multicable

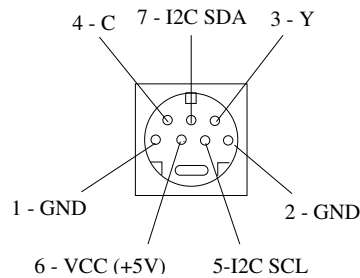
The multicable consists of the following male/female connectors:

Type	Description
Chinch-female	Video1 in (Aux1)
-	Audio1-L in/out (Aux1)
-	Audio1-R in/out (Aux1)
-	Tuner/Encoder Video-Out
3,5-stereo female	Audio2 in (Aux2)
-	Line out
-	Tuner audio out
3,5-stereo male	Line in
Hosiden	Encoder S-Video out
PS/2 female	Extended (VCCaux, PON, GND)

- Audio1-L/R and Video 1 are used for a camera or vcr.
- Line-out and speaker-out provide the signal for external active or passive loudspeakers. The line-out can also be used to connect to devices, which can record the regulated signal (e.g. a cassette recorder).
- The line-in is formed as plug and must be connected directly to the output of the sound card.
- The tuner-video-out and tuner-audio-out are for special functions like pay tv decoders. The software must provide according switching.
- The extended MDS-04 connector is used for the remote control to provide remote on at an external connector.
- AUX3 Video (aka. Y/C3) can also be used to connect a CVBS source over adapter (The one that came with your MXB).
- The encoder output (s-video or video) can be used with a modul at X2.

3 Pin-Descriptions

3.1 Pin-Description of AUX3(Y/C3) connector AMP #786766-1



You can use a standard s-video cable with 4 pins to connect to this connector.

3.2 Pin-Description of the Extended Connector 26pin

Description	Direction	Pin-Nr.	Pin-Description
Video1	I	1	VID_AUX1
GND		2	VID_GND
Audio 1 L (in or out)	I/O	3	AUD_AUX1.L
Audio 1 R (in or out)	I/O	4	AUD_AUX1.R
Audio 1 Ground		5	AUD_AUX_GND
Audio 2 input L	I	6	AUD_AUX2.L
Audio 2 input R	I	7	AUD_AUX2.R
Soundmodul out L	O	8	AUD_SOUNDOUT.L
Soundmodul out R	O	9	AUD_SOUNDOUT.R
Soundmodul Ground		10	AUD_SOUND_GND
Soundmodul Ground		11	AUD_SOUNDOUT_GND
Soundmodul input L (from Soundcard line-out)	I	12	AUD_SOUNDIN.L
Soundmodul input R (from Soundcard line out)	I	13	AUD_SOUNDIN.R
S-Video out Y-Signal	O	14	SVID_OUT_Y
Ground Y/C	O	15	SVID_OUT_GND
S-Video out C-Signal	O	16	SVID_OUT_C
Tuner Video output	O	17	VID_TV
Tuner Video ground		18	VID_TV_GND
Tuner Audio L output	O	19	AUD_TV.L
Tuner Audio ground		20	AUD_TV_GND
Tuner Audio R output	O	21	AUD_TV.R
VCC Help 5V	PWR	22	VCC5AUX
PSON (Power Supply on signal)	PWR	23	PS_ON
Ground	PWR	24	GND_D
SDA (Reserved)		25	SDA
SCL (Reserved)		26	SCL

3.3 Pin-Description of PS2-Connector (for PSON)

Description	Pin-Nr.	Pin-Description
not connected	1	n.c.
not connected	2	n.c.
Ground	3	GND_D
VCCHelp	4	VCC5AUX
not connected	5	n.c.
Remote On L	6	PS_ON
Ground	shield	GND_D