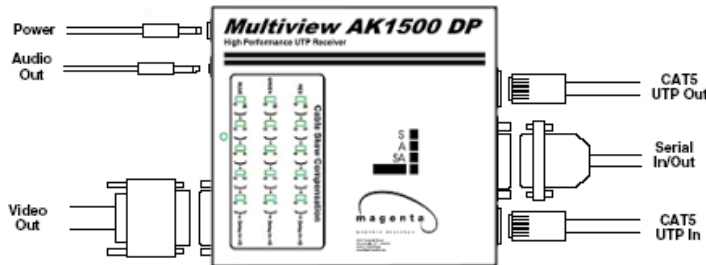


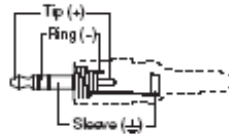
AK1000/AK1500 receiver SA Quick Reference

AK1000 and AK1500 receivers can not be re-configured via jumper settings. They are pre-configured as SA versions and cannot be changed. The internal daughterboard may be changed to a standard RS232 serial version if necessary, or the unit may be used for video modes only.



Audio connector (3.5mm stereo plug):

Pin	Channel 1	Channel 2
Tip	+	
Ring		+
Sleeve	-	-



DB9 Serial connector:

Serial Pins	UTx DB9F	AK Rx	DCE Device	DTE Device	UTx B-Cast	DP B-Cast
1						
2	Rx	Rx	Tx	Rx		
3	Tx	Tx	Rx	Tx	Tx	Tx
4						
5	Gnd	Gnd	Gnd	Gnd	Gnd	Gnd
6						
7						
8						
9						

Magenta MultiView SA series Quick Reference Guide

The Magenta MultiView SA series of Cat5 video extenders support video signals, RS232 serial signals and stereo audio signals on a single Cat5 cable.

The following pages details unit specific cabling and jumper settings.

Note: SA units are pre-configured from the factory and require no configuration changes.

At this time the Magenta MultiView units that support the SA versions are the Magenta MultiView UTx Universal Transmitter, AK500, AK1000, and AK1500 receivers. The Magenta MultiView T4, T5 transmitters do not support SA versions.

The Magenta MultiView SA series utilize an internal daughterboard to encode/decode the serial and stereo audio signals onto a single Cat5 pair (fourth pair). In order to utilize the full potential of the Magenta MultiView SA series, all transmitters and receivers must be SA versions.

You cannot connect a standard RS232 or L/R audio version to an SA version to get a single serial or audio signal. Video modes are not affected by this.

Serial signals are 3 wire RS232 (Tx, Rx, ground) and fixed at 9600 baud. Full 9 pin modem signals are not supported.

Note when using the Magenta MultiView SA series with a daisy chain (DP) receiver, MultiView 9D Cat5 DA, or Cat5 matrix switch, the serial is transmit only. There are no configuration changes required to the units. The serial application in use should be changed to transmit only and the receiving devices should not have the transmit signal connected to the SA receive signal.

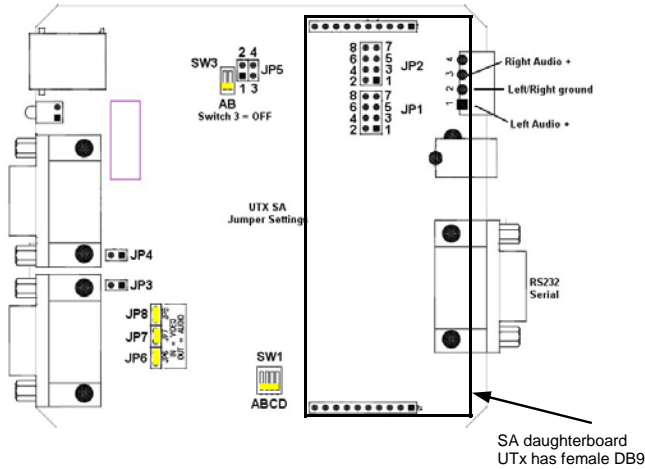
Audio is full stereo, line level. One or two separate channels of mono audio may also be used.

For specifications of individual units please reference the respective user manual or data sheet.

Note that there may be high frequency audio noise output from a receiver unit if the Cat5 connection to the transmitter is disconnected, lost or the transmitter is powered off. This is normal and will disappear once a functional link is established.

Utx SA Universal Transmitter Quick Reference

MultiView UTx Universal Transmitter Configuration Jumper Settings							
Configuration Option:	JP1	JP2	JP5	SW3	JP6	JP7	JP8
1) RGBHV Video SA	All Out	All Out	All Out	A,B Off	IN	IN	IN
2) YPrPb, Y/C, or Composite Video SA	All Out	All Out	All Out	A,B Off	IN	IN	IN



Phoenix connector (UTx or AK500):

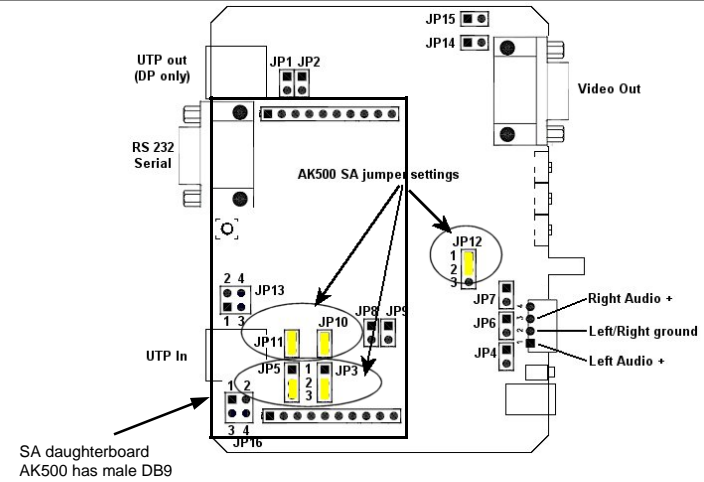
PIN	Audio
Pin 1	Left Channel
Pin 2	Ground
Pin 3	Right Channel
Pin 4	-

DB9 Serial connector:

Serial Pins	UTx DB9F	AK Rx	DCE Device	DTE Device	UTx B-Cast	DP B-Cast
1						
2	Rx	Rx	Tx	Rx		
3	Tx	Tx	Rx	Tx	Tx	Tx
4						
5	Gnd	Gnd	Gnd	Gnd	Gnd	Gnd
6						
7						
8						
9						

AK500 SA Receiver Quick Reference

MultiView AK500 Configuration Jumper Settings												
Configuration Option:	JP1	JP3	JP4	JP5	JP6	JP7	JP8	JP9	JP10/JP11	JP12	JP13	
RGBHV Video SA	IN	2-3	out	2-3	out	out	out	out	All IN	1-2	N/A	
YPrPb, Y/C, or Composite Video SA	out	2-3	out	2-3	out	out	out	out	All IN	1-2	N/A	
Dual Port Daisy Chain units (serial mode is simplex—SA daughterboard requires no configuration changes)												
*Use configuration above, but remove JP11 & JP11 (see last unit note below).	*	*	*	*	*	*	*	*	All OUT	*	1-2 3-4	
For DP versions, the last unit in chain requires JP10, JP11 IN and JP13 out:	*	*	*	*	*	*	*	*	All IN	*	All Out	



Phoenix connector (UTx or AK500):

PIN	Audio
Pin 1	Left Channel
Pin 2	Ground
Pin 3	Right Channel
Pin 4	-

DB9 Serial connector:

Serial Pins	UTx DB9F	AK Rx	DCE Device	DTE Device	UTx B-Cast	DP B-Cast
1						
2	Rx	Rx	Tx	Rx		
3	Tx	Tx	Rx	Tx	Tx	Tx
4						
5	Gnd	Gnd	Gnd	Gnd	Gnd	Gnd
6						
7						
8						
9						