

Morph IT Dual Transmitter Quick Reference**Cable Pinouts**

Phoenix connector :

<u>PIN</u>	<u>Audio</u>	<u>Unidirectional Serial</u>	<u>Composite Video / SPDIF Audio</u>
<b>Pin 1</b>	Left Channel	Tx	Signal +
<b>Pin 2</b>	Ground	ground	Signal -
<b>Pin 3</b>	Right Channel	-	-
<b>Pin 4</b>	-	Shell	-

DB9 Serial connector:

<b>Serial Pins</b>	<b>Tx DB9F</b>	<b>AK Rx</b>	<b>DCE Device</b>	<b>DTE Device</b>	<b>SA</b>	<b>Simplex</b>
1	DCD	DCD	DCD	DCD		
2	Rx	Rx	Tx	Rx	Rx	
3	Tx	Tx	Rx	Tx	Tx	Tx
4	DTR	DTR	DSR	DTR		
5	Gnd	Gnd	Gnd	Gnd	Gnd	Gnd
6	DSR	DSR	DTR	DSR		
7	RTS	RTS	CTS	RTS		
8	CTS	CTS	RTS	CTS		
9	RI	RI	RI	RI		

**Magenta Morph IT Dual  
Transmitter Quick Reference Guide**

The Magenta MultiView Morph IT Dual transmitter card utilizes the Morph IT card slot frame to

The following pages details unit specific cabling and jumper settings for the various options.

Note that some configurations require a separate daughterboard installed onto the Dual TX assembly as well as using a second slot for cable connections.

**Morph IT Dual Transmitter Quick Reference**

Following are the switch settings for various signal output options.  
Refer to Figure 1 for switch locations.

Fourth Pair Options	Port 1			Port 2		
	SW3	SW1	SW2	SW6	SW4	SW5
L/R Audio	3,4 = ON 1,2 = OFF	2=ON 1,3 = OFF	1,2 = ON 3,4 = OFF	3,4 = ON 1,2 = OFF	2=ON 1,3 = OFF	1,2 = ON 3,4 = OFF
Simplex Serial	3,4 = ON 1,2 = OFF	3 = ON 1,2,4 = OFF	1,2,3 = OFF 4 = ON	3,4 = ON 1,2 = OFF	3 = ON 1,2,4 = OFF	1,2,3 = OFF 4 = ON
Composite Video or SPDIF	3,4 = ON 1,2 = OFF	1=ON 2,3,4 = OFF	3 = ON 1,2,4 = OFF	3,4 = ON 1,2 = OFF	1=ON 2,3,4 = OFF	3 = ON 1,2,4 = OFF
RS232 or SA Daughterboard	1-4= OFF	2 = ON 1,3,4 = OFF	1-4 = OFF	1-4= OFF	2 = ON 1,3,4 = OFF	1-4 = OFF

AV Mode	Port 1			Port 2		
	JP7	JP8	JP5	JP9	JP10	JP6
ON	OUT	IN	OUT	OUT	IN	OUT
OFF	IN	N	IN	IN	N	IN

DC Restore	Port 1	Port 2
	SW11	SW12
OFF (Default)	3 = ON 1,2,4 = OFF	3 = ON 1,2,4 = OFF
Mode 1	1 = ON 2,3,4 = OFF	1 = ON 2,3,4 = OFF
Mode 2	2 = ON 1,3,4 = OFF	2 = ON 1,3,4 = OFF

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Figure 1: Dual TX Switch locations:

