MLC 206
Projector Communication Sheet

Read this document for additional assistance on wiring the MLC 206 to your display device. The notes on the following page(s) are confirmed to work in the manner stated. Deviation on any component(s) may require a different wiring scheme.

For complete operating instructions pertaining to the MLC 206, please refer to the MLC 206 user's manual.

For complete operating instructions pertaining to the display device, please refer to the display device user's manual.

Projector Manufacturer: NEC
Projector Model: MT 1065

Projector Driver Name: NEC_MT1065_RS1.mll
Revision Date: 01/07/03
Baud rate: 38400
Parity: NONE
Data bits: 8

These are the commands within this driver. Additional commands can be added through the Medialink Control Software.

Power on	Power off	RGB 1	RGB 2	Svideo
Video	DVI		Audio Mute	Audio Unmute
Picture Mute	Picture Unmute		Volume Up (inc)	Volume Dn (inc)

Terminology for the following information:

1. ***UC 50 Wire Map*** **– these color wires connect from the MLC206 captive screw terminals to the projector.**

2. ***MLC 206 RS232 Captive Screw Terminal Designation –***
   - 2.1. ***TX –*** Always on terminal A, this is the transmit line from the MLC206.
     RX – Always on terminal B, this is the receive line where the MLC206 listens for the projector's response.
     GND – Always on terminal E, this is the ground line, which connects to the ground pin on the projector side.
     RTS – Always on terminal C, this rarely used connection would tie to the projectors ''Request to Send'' line.
     CTS – Always on terminal D, this rarely used connection would tie to the projectors ''Clear to Send'' line.

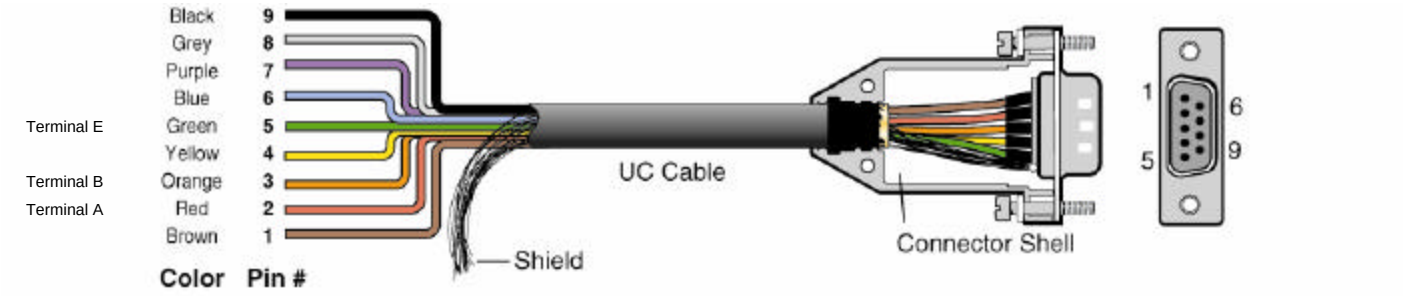
3. ***Projector cable or adapter (if applicable)*** **– This could be a supplied or an accessory cable from the display manufacturer or an Extron "comm. adapter". The purpose of this cable is to convert the projectors serial port, which is a non-standard serial connector to a "standard" DB9 connector.**

4. ***Projector Communication Port Pin-out*** **– this is the actual serial connector on the display. A "Projector cable" would be used if the connector is other than a DB9.**

Wiring tested with UC 50 cable.

This side connects to MLC 206 captive screw terminal

This side connects to projector or projector adapter:



UC 50', 100', 200' Cable Color Codes

•Projector cable / adapter (if applicable):
Cable Type:

•Projectors communication port pin out:
Connector Type:
DB9 Male

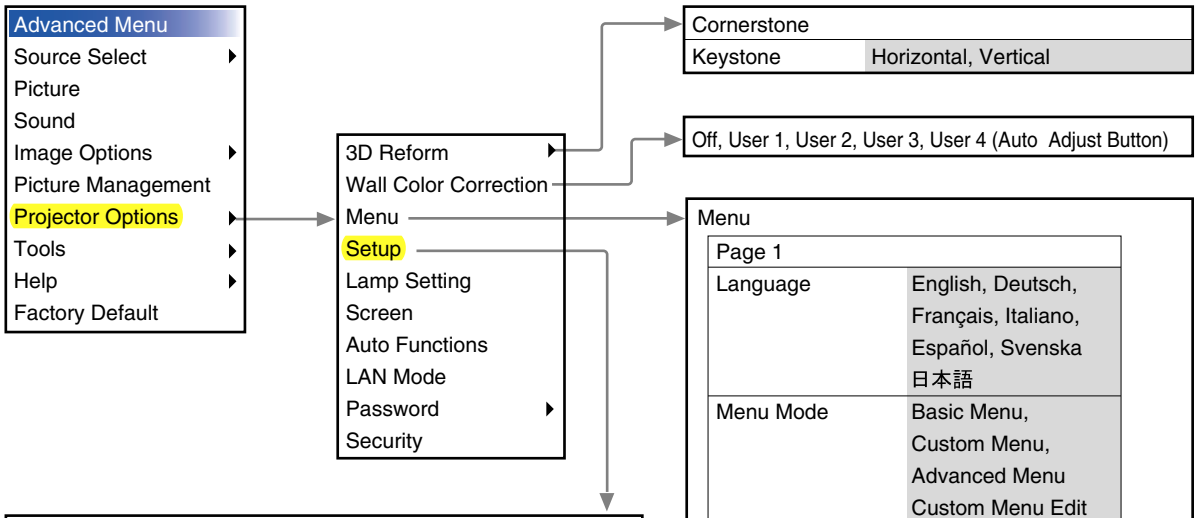
Projector cable / adapter notes:

Projector comm. port notes:

On the projector:
Pin 2 - RX
Pin 3 - TX
Pin 5 - Signal Ground

General Notes:

Before final testing of the system, the projector needs to be set up in the "idle" mode. The projector ships in standby mode as the default. This is set within the projectors menu structure described below:



Setup

Page 1		
Orientation		Desktop Front, Ceiling Rear, Desktop Rear, Ceiling Front
Background		Blue, Black, Logo
RGBOUT Terminal		Last, RGB1, RGB2
Closed Caption		Off, Caption1-4, Text1-4

Page 2		
Viewer Options		Show Folder List Auto Play, Manual Play, Interval
Capture Options		High Quality, Normal, High Compression
Mouse	Button	Right Hand, Left Hand
	Sensitivity	Fast, Medium, Slow
Operation Mode Select		Auto, Projector

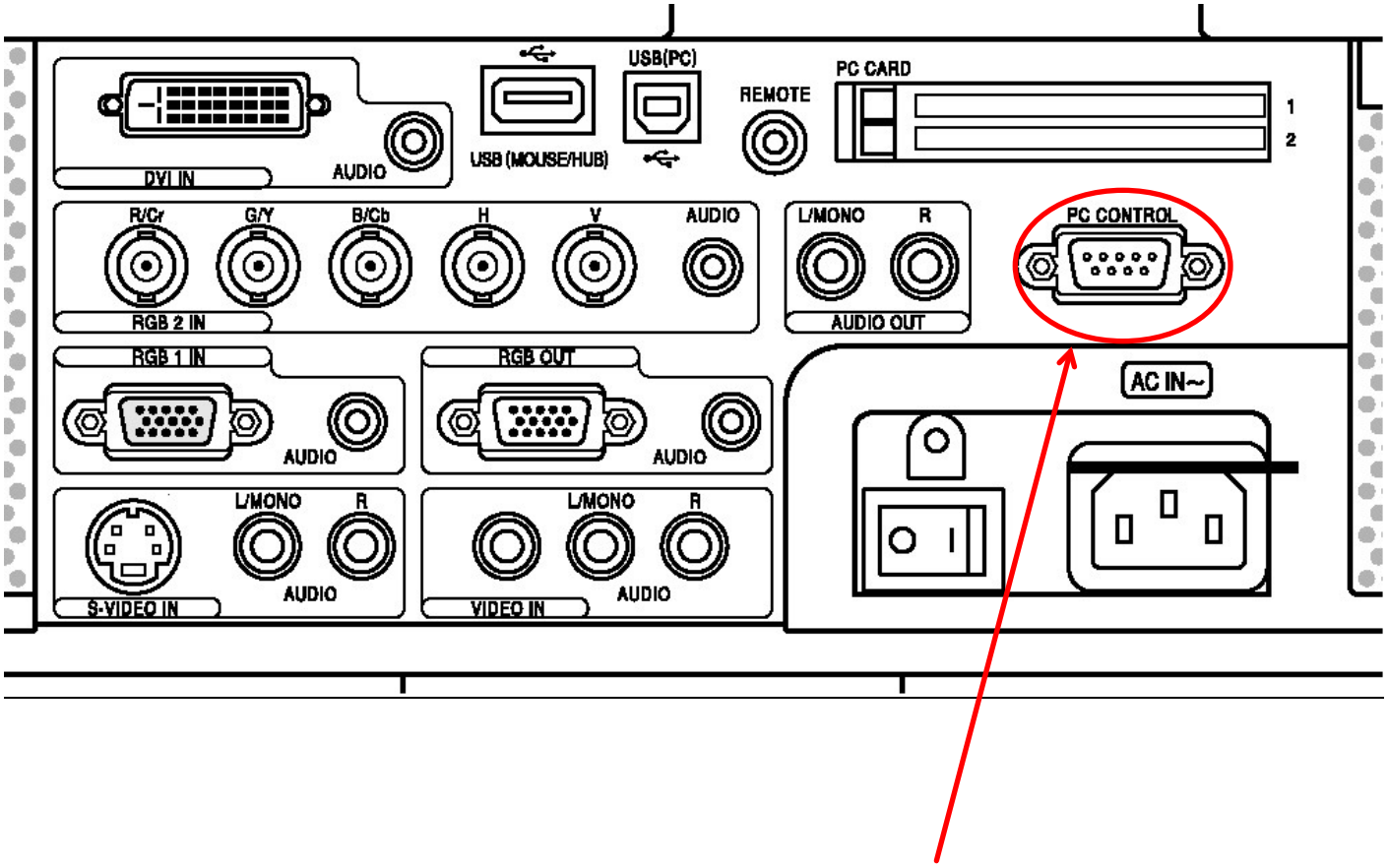
Page 3	Signal Select
RGB1	RGB/Component, RGB, Component, Scart
RGB2	RGB/Component, RGB, Component, Scart
Video, S-Video	Auto, PAL-M/PAL-N/NTSC3.58, NTSC3.58, NTSC4.43, PAL, PAL-M, PAL-N, PAL60, SECAM

Page 4
Auto Adjust, Auto Start, Power Management, Power Off Confirmation, 3D Reform Save, High Speed Fan Mode, Built-in Speaker, Idle Mode, Clear Filter Usage Meter

Page 5	
Remote Sensor	Front, Back, Left, Right
S-Video Mode Select	Off, S2

Page 6	
Communication Speed	4800, 9600, 19200, 38400
Default Source Select	Last, Auto, Select (RGB1, RGB2,Video, S-Video, DVI(DIGITAL), Viewer, LAN)
Control Panel Key Lock	Enable, Disable

Images



Connect UC50 cable here