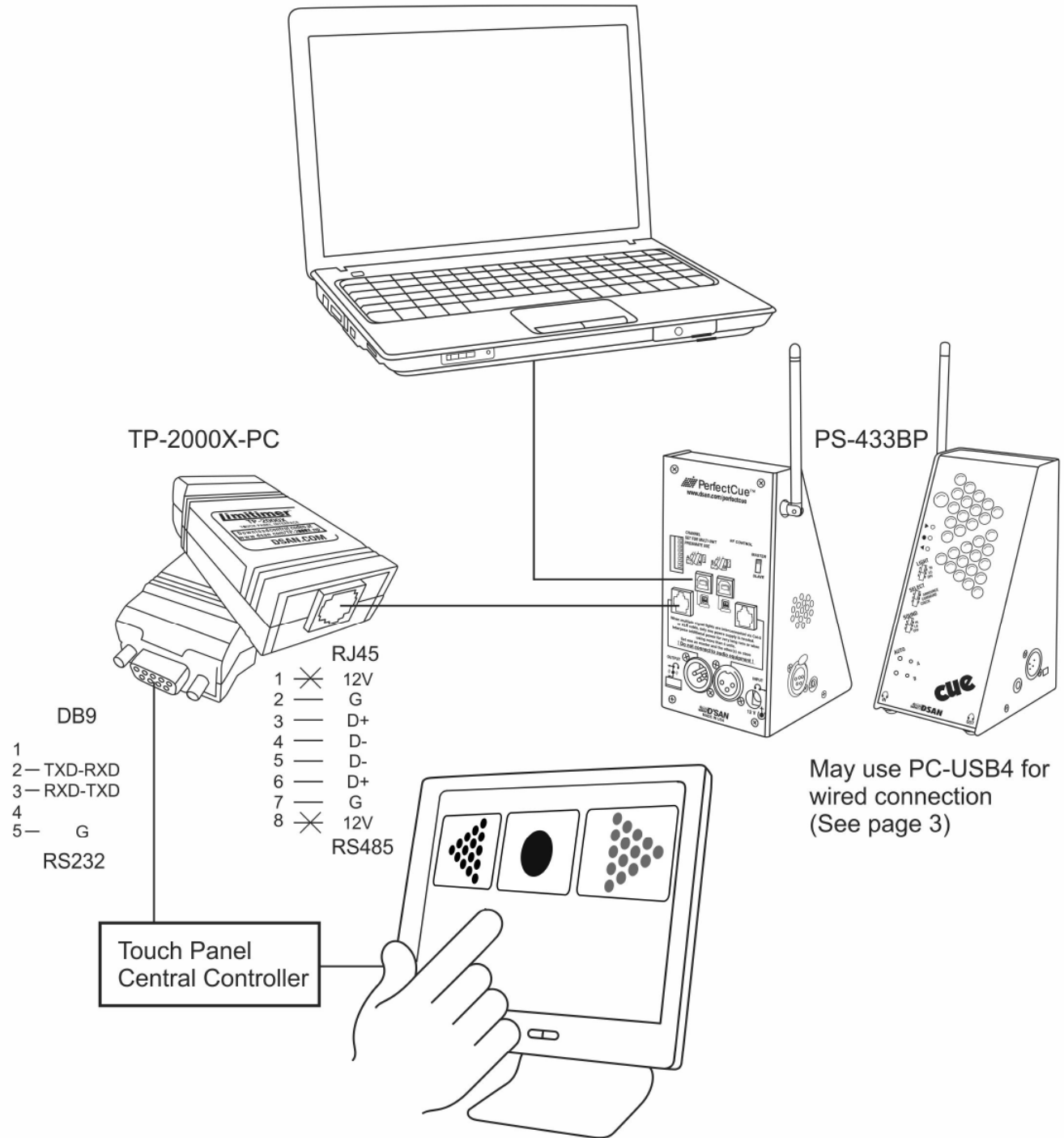




# Connections for Touch Panel Controllers TP-2000X-PC



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# Serial Control Protocol Cue Light ASCII API

These messages are formatted as follows:

>	Command String	Space	Checksum High	Checksum Low	<CR>
└──────────┬──────────┘					
Checksum					

## Checksum

Add all bytes of Command String and Space

Use lower 2 digits

Example:

“FORWARD”  $0x46+0x51+0x52+0x57+0x41+0x52+0x44+0x20 = 0x23C$

Checksum High = 3

Checksum Low = C

Full Message >FORWARD<SP>3C<CR>

## Buttons: (to Cue Light)

Command Name	Command Message	Cue Light	Transmitter
Forward	>FORWARD<SP>35<CR>	Green Arrow	Forward Button
Reverse	>REVERSE<SP>3C<CR>	Red Arrow	Back Button
Blank on	>BLANKON<SP>3C<CR>	Yellow Light	Blank Button
Blank off	>BLANKOF<SP>3C<CR>	Yellow Light Off	Blank Button

## LED Indicators: (from Cue Light)

Command Name	Command Message	Cue Light
Green Led On	>FRWLEDON<SP>81<CR>	Green Arrow On
Green Led Dim	>FRWLEDDM<SP>75<CR>	Green Arrow Dim
Green Led Off	>FRWLEDOF<SP>79<CR>	Green Arrow Off
Red Led On	>RVSLEDON<SP>8D<CR>	Red Arrow On
Red Led Dim	>RVSLEDDM<SP>81<CR>	Red Arrow Dim
Red Led Off	>RVSLEDOF<SP>85<CR>	Red Arrow Off
Yellow Led On	>BLKLEDOF<SP>6B<CR>	Yellow LED on
Yellow Led Dim	>BLKLEDOF<SP>5F<CR>	Yellow LED Dim
Yellow Led Off	>BLKLEDOF<SP>63<CR>	Yellow LED Off