

Control Panel and Joystick Control

 this section is intended to be read in conjunction with the Introduction

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Control Panel

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1.0 Introduction

TSL's Universal Control Panels and the Quartz CM1000 panel may be used with a TM1 to provide tally switching and router switching.

2.0 Adding Control Panels to the System

Via Add New Component from the main dialog screen, add a Control Panel.

Add New System	Component	
Type: 27 S III T III R III R III R III R III C	ystem Controller Cano ally I/O Router fixer IMD Display interface Control Panel	cel
Name: Contr	ol Panel 1 OK	
File Edit Tools View Comm	s Help	
E 🕎 New System	Control Panel Properties	
-ST System Tally Hain Router 1st Li Hain Router 2nd Li Hain Ro	Name: Control Panel 1 UCP Type: TSL UCP-2 Address: 1 Size: 72 Address: 1 Size: 72 Address: 1 Size: 72 Address: 1 Subtract ontrol, Single Dest; -> Matrix: Main Router 1st Let Router control, Multi Dest Dest: Dst: Dest: Dst: 1 Edit Serial Parameters Assign 1/F: <local></local>	•
< N		

Select the UCP Type and set the desired **Function**.

Edit the Serial Parameters.

			OK
ype: Senal RS422			Canc
General Parameters	Serial Parameters		
Port Number: 6	Baud Rate:	38400	•
Description: Lower Right RS422	Parity:	Even	•
Network Parameters	Data Bits:	8	•
IP Address:	Stop Bits:	1	•

If there is more than on Panel in the systen, they may have different addresses set on the panel and use the same communications port / interface – Assign Interface would be selected to the first Control Panel in the system.

Example.

TallyMan - 8598 Meridi	an2 131004.tms
Ele Edit Iools Yiew Comm ● Meridian ST System Tally ● Image: Aurora Image: Aurora ● Image: Aurora Image: Aurora ● Image: Aurora Image: Aurora Image: Common Common Control Image: Button Image: Common Control Image: Common Control Image: Button Image: Control Image: Control Image: Button Image: Control Image: Control Image: Control Image	S Help Control Panel Properties Name: Cam 2 control UCP Type: TSL UCP-Custom Address: 2 Size: Address: 2 Size: Function I ally © Bouter control, Single Dest: -> Matrix: I Kramer © Router control, Multi Dest Dest: Cam 2 I Edit Serial Parameters Assign I/F: Cam 1 control I
Ready	

If there is more than one panel in the system and the second panel interface is not assigned to the first panel, a second communications port will be required on the TM1.

ile Edit Tools View Com	ms Help				عارد
- 🙀 New System	Index	Button	Tally Channel		^
ST System Tally	1	Button 1	1: Program		
🛨 🔣 Main Router 1st Li	2	Button 2	1: Program		
∓ 🔣 Main Router 2nd L	3	Button 3	1: Program		
	4	Button 4	1: Program		
Parallel Tallies	5	Button 5	1: Program		
i wal	6	Button 6	1: Program		
Control Papel 1	7	Button 7	1: Program		
Rutton	8	Button 8	1: Program		
	9	Button 9	1: Program		
	10	Button 10	1: Program		
	11	Button 11	1: Program		
	12	Button 12	1: Program		
	13	Button 13	1: Program		
	14	Button 14	1: Program		
	15	Button 15	1: Program		
	16	Button 16	1: Program		
	17	Button 17	1: Program		
	18	Button 18	1: Program		
	19	Button 19	1: Program		
	20	Button 20	1: Program		
	21	Button 21	1: Program		
	22	Button 22	1 · Drogram		1
eadv				NUM	

3.0 The button function is a Tally

Double clicking on a Button line will show:

Edit Panel Button 1 of C	ontrol Panel 1	×
Name: Name: Tally Channel: 1: Program Button Type • Latching	Lamp Control	Assigned to Lamp <u>Add Tally</u> Delete Selection Tally Logic Channel
Repeat Edit	Cancel	Allow user configuration

It will be seen that the lamp may be lit by any other Tally in the system.

Plesae see the Tally Section 6 on the method of assigning tallirs.

TallyMan - two level ro File Edit Tools View Comm	uter.tms
New System ST System Tally Main Router 1st L Main Router 2nd L Main	Control Panel Properties Name: Control Panel 1 UCP Type: TSL UCP-2 Address: 1 Size: 72 Address: 1 Size: 1 C Router control, Single Dest: -> Matrix: Main Router 1st Let C Router control, Multi Dest Dest: Dst Dest: Dst 1
Kady	Edit Serial Parameters Assign 1/F: <local></local>

4.0 The button is assigned for router control

Assign the router and the destination that the button has to operate with.

TallyMan - two level router.tms <u>File Edit Iools View Comms H</u>elp 🖃 🙀 New System Index Button Assignment ST System Tally 1 Button 🛨 🔝 Main Router 1st L Button 2 2 3 Button 3 4 Button 4 Button 5 5 Button 6 wall 6 7 Button 7 Button 8 8 💓 Button Button 9 9 10 Button 10 11 12 Button 11 Button 12 13 Button 13 14 15 Button 14 Button 15 16 Button 16 17 Button 17 Button 18 Button 19 18 19 20 Button 20 21 22 Button 21 Button 22 > ----- OFFLINE NUM Ready

Double click on the Button:

Edit Panel Button 1 of	Control Pan	el 1	×
Name: Camera	1 Source 1 user configuration	on	-
Button Type © Source © Dest	Matrix:	🔛 Main Route Grc 1	ਸ 1st Level ▼
Repeat Edit			Cancel OK

Confirm Matrix selection. It is possible to disable a button by giving it No Assignment.

🔲 TallyMan - two level re	outer.tr	ns		
<u>File E</u> dit <u>T</u> ools <u>V</u> iew <u>C</u> omr	ms <u>H</u> elp			
🖃 🙀 New System	Index	Button	Assignment	^
	1	Camera 1 Source 1	Source: Src 1	
🛨 🔣 Main Router 1st L	2	Button 2		
🛨 🔣 Main Router 2nd L	3	Button 3	2000	
	4	Button 4		
	5	Button 5		
🛨 📫 wall	6	Button 6		
Control Papel 1	7	Button 7	5 <u>000</u>	
Button	8	Button 8		
Decon	9	Button 9		
	10	Button 10	1000	
	11	Button 11		
	12	Button 12		
	13	Button 13		
	14	Button 14		
	15	Button 15		
	16	Button 16	<u> </u>	
	17	Button 17		
	18	Button 18		
	19	Button 19	2000	
	20	Button 20		
	21	Button 21		100
	22	Button 22		<u> </u>
Ready				NUM

4.1 The button is assigned for router control - multi destination.

TallyMan - two level ro	outer.tms	
<u>File E</u> dit <u>T</u> ools <u>V</u> iew <u>C</u> omr	ns <u>H</u> elp	
Wew System ST System Tally Main Router 1at L Main Router 2nd L Main	Control Panel Properties Name: Control Panel 1 UCP Type: TSL UCP-2 Address: 1 Size: 72 Address: 1 Size: 7 Address: 1 Size: 7 Address: 1 Size: 7 Bouter control, Multi Dest 7 Edit Serial Parameters Assign 1/F: Actorab 1 <td></td>	
Ready		

This control panel is now an X-Y panel.

Edit Panel Button 1 of	Control Panel 1	
Name: 📃	user configuration	
Button Type C <u>S</u> ource C <u>D</u> est	Matrix: 🔛 Main Router 1st Level	- -
Repeat Edit	Canc OK	el

This shows the button assigned to the Main Router selecting Dst 1.

This shows a button assigned to the Main Router selecting Source 1.

Edit Panel Button 1 of	Control Pa	anel 1		×
Name: Allow	user configur	ation		
Button Type © <u>S</u> ource © <u>D</u> est	Matrix: Source:	Main Rout	er 1st Level	•
Repeat Edit	1		Ca	incel

This works exactly as an X-Y Panel.

Use the destination buttons to select the destination that any of the common source buttons will operate.

5.0 Joystick Control

Control of a router for camera matching (Shading) is possible for those routers that allow serial control from TallyMan.

It is expected that the input from the RCP/OCP will be a parallel GPI (tally type input to ground on a D37 connection.

Set the panel (real or virtual – a physical panel does not have to be present) to a router destination.

🔲 TallyMan - Offline		
<u>File E</u> dit <u>T</u> ools ⊻iew <u>C</u> om	ms <u>H</u> elp	
►	Control Panel Properties	
⊡∰ m	Name: Joystick Joystick Overrides:	
Parallel Display Ports Joystick Public Rutton	UCP Type: TSL UCP-1 _ 4 Address: 1 Size: 20 Apply	Set the number of Joystick
	Function C Ially	Apply.
	Image: Constrol, Single Dest; → Matrix: Image: Constrol, Single Dest; → Matrix: Image: Constrol, Multi Dest Dest: Dst 1	This shows 4 OCP/CCUs.
	<u> </u>	
	Edit Serial Parameters Assign I/F: CLocal>	
Ready		

• Select Joystick 1.



• Set the Default Source

This is the default TallyMan defined source that the router destination will select when the Joystick is released. Probably Studio Out.

If this is not set the default source will be the one set by the actual router panel by that destination. (From TallyMan software version V1.69).

🔲 TallyMan - Offline				
<u>File E</u> dit <u>T</u> ools ⊻iew ⊆om	ms <u>H</u> elp			
🖃 🕎 New System	Index	Button	Assignment	Level
🛨 🔣 probel 1	1	Button 1		
+ 🔣 ProBel 2	2	Button 2		
+ 🛗 m	3	Button 3		
+ IO Parallel	4	Button 4		
+ Display Ports	5	Button 5		
- Joystick	6	Button 6		
Button	7	Button 7		
C Cutton	8	Button 8		
	9	Button 9		
	10	Button 10		
	11	Button 11		
	12	Button 12		
	13	Button 13		
	14	Button 14		
	15	Button 15		
	16	Button 16		
	17	Button 17		
	18	Button 18	2000	
	19	Button 19		
	20	Button 20		
	21	Joystick 1	Source: Src 1	
	22	Joystick 2		
	23	Joystick 3		
	24	Joystick 4		
	25	JS Def Source	Source: Src 10	
	26	JS Destination	Dest: Dst 1	
	<			
Ready				-FE OFFLINE NUM

Edit Panel Button 25	of Joystick	
Name: JS Def Sour	ce j	Allow user configuration
Matrix:	🔛 probel 1	•
Source:	10: Src 10	•
Button Type	Button Text:	Level
C Source	C Fixed from Name	Single Level Router
C <u>D</u> est	From router	
Repeat Edit	Lamp Colour	,
T Auto Inc	On:	Cancel
L Auto Copy	Off:	

The Joystick default Destination should be set as well as if there is a real panel in the system, the Joystick control could be set to a different Destination to that which the actual panel is assigned.

TallyMan - Offline				
e <u>E</u> dit <u>T</u> ools ⊻iew <u>C</u> o	mms Help			
🖓 🏧 New System	Index	Button	Assignment	Level
🛨 🔣 probel 1	1	Button 1		
🕂 🔣 ProBel 2	2	Button 2	1. 	
🕂 – 🛗 m	3	Button 3		
+ IO Parallel	4	Button 4		
+ Display Ports	5	Button 5		
Dovstick	6	Button 6		
Button	7	Button 7		
Ducon	8	Button 8		
	9	Button 9		
	10	Button 10	10.000 B	
	11	Button 11	I	
	12	Button 12	() ()	
	13	Button 13		
	14	Button 14		
	15	Button 15		
	16	Button 16	10 <u></u>	
	17	Button 17		
	18	Button 18	1. TTT 1	
	19	Button 19		
	20	Button 20		
	21	Joystick 1	Source: Src 1	
	22	Joystick 2		
	23	Joystick 3	19 <u>222</u> 3	
	24	Joystick 4	5. <u></u>	
	25	JS Def Source	Source: Src 1	
	26	JS Destination	Dest: Dst 1	
	Statistics			
	<			
adv				

Edit Panel	Button 26	of Joystick		X
Name:	JS Destinatio Matrix:	n	Allow user config	uration
	Dest:	1: Dst 1	-	
Button Ty	pe	Button Text:	1	
C <u>S</u> o	urce	C Fixed from Name		
€ <u>D</u> e	st	From router		
⊢ Repeat Eo	dit	Lamp Colour		
T Au	to Inc	On:	-	Cancel
L Au	to <u>C</u> opy	Off:	-	
				UK