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## Which Tallyman unit is right for my needs?

There are currently 3 versions of Tallyman units available. These units differ in the number and type of ports available and the number of UMDs that may be powered without the addition of a PSU22 power supply unit.

- TM1
  - 2 x RS422 D9F
  - 1 x RS232 D9M
  - 64 x RJ45 Open Collector Parallel Tally Circuits
  - 8 x UMD Display ports
  - Powers up to 38 x D8C displays: 38PLU\*
  - Addresses 126 displays per port
  - 1 x 10/100 Ethernet Port
  
- TM2
  - 5 x RS422 D9F
  - 1 x RS232 D9M
  - 128 Open Collector Parallel Tally Circuits
  - 16 x RJ45 UMD display ports
  - Powers up to 70 D8C displays: 70 PLU\*
  - Addresses 126 displays per port
  - 1 x 10/100 Ethernet port
  
- TM2+
  - 6 x RS422 D9F
  - 1 x RS232 D9M
  - 32 x Open Collector Parallel Tally Inputs
  - 48 x Isolated Relay Tally Outputs
  - 16 x RJ45 UMD display ports
  - Powers up to 70 D8C displays: 70 PLU\*
  - Addresses 126 displays per port
  - 1 x 10/100 Ethernet port
  - Dual redundant PSUs

\*PLUs are power loading units and allow easy calculation of the number of UMDs that may be powered, all UMD's shown on the TSL website will have an associated PLU value.

## How do I connect my Mixer/Router/Multiviewer to my Tallyman unit?

Many common connections can be found on the website:

Mixers

<http://www.tsl.co.uk/download/13%20Mixer%20Connection%20Details.pdf>

Routers

<http://www.tsl.co.uk/download/14%20Router%20Connection%20Details.pdf>

Multiviewers

<http://www.tsl.co.uk/download/15%20Multiviewers%20Connection%20Details.pdf>

If the unit you are attempting to connect does not appear under the above or you are still experiencing difficulty you can contact a member of our engineering support staff at [Tally.Support@TSL.co.uk](mailto:Tally.Support@TSL.co.uk)

## How do I check or change the IP of my Tallyman unit?

To connect to your Tallyman unit you will need a terminal application such as Hyper Terminal or if your PC does not come with HyperTerminal as standard as with Windows 7 you may use a third party application such as TeraTermPro which can be found here <http://www.ayera.com/teraterm/>

### Physical connection:

When using a TMx with a RS232 card fitted in the Control 3 position (standard), use the following cable:

PC - TMx

Pin 2 – Pin 3

Pin 3 – Pin 2

Pin 5 – Pin 5

When using a TMx with a RS422 card fitted in the Control 3 position, use the following cable:

PC - TMx

Pin 2 – Pin 2

Pin 3 – Pin 8

Pin 5 – Pin 4

### Port settings:

In the terminal application the following should be set:

1. Baud Rate: 9600
2. Data Bits: 8
3. Parity: None
4. Stop bits: 1
5. Flow control: None

### Changing the IP:

Start HyperTerminal or equivalent and then connect and power up the TMx and wait for about 10 seconds. Press Y on the keyboard within 1 sec of the message appearing. Follow the on-screen instructions.



## **Where can I find the manual for my Tallyman unit?**

The manuals for Tallyman units can be found on the website at the following address under the heading Tallyman:

[http://www.tsl.co.uk/support\\_productmanuals.aspx](http://www.tsl.co.uk/support_productmanuals.aspx)

The manuals are broken down into separate files for specific tasks.

## How do I update my Tallyman unit with the latest software release?

- Go to the TSL web site and navigate to the Product Update Applications page  
[http://www.tsl.co.uk/support\\_updatedapps.aspx](http://www.tsl.co.uk/support_updatedapps.aspx)
- Download the .zip or .msi file to your configuring computer.
- Extract the Zip file to a clean directory or install the program via the .msi file.
- Open the Tallyman program
- Set the correct IP address in the program for the TallyMan unit you are upgrading.
  - Select New System in the tree view on the LHS.
  - Click Default System Interface in the White box labelled System Interfaces to highlight it in blue.
  - Click the Configure button in the System Interfaces Box.
  - Enter the desired IP in the new window and click OK.
- Connect to the TallyMan unit by selecting Comms -> Connect to System.
- The program will then show a screen that asks if you wish to upgrade. Yes to all.
- Once the files have been written, allow about 30 seconds for the internal filing system to update.
- Re-power the unit



### **How can I be sure my initial setup file will work?**

Use the supplied set-up file supplied on the CD for initial connection and build on this. This has the correct platform set for your TallyMan unit as well as the default IP address of 192.168.100.235.

### **My PC will not connect to my Tallyman unit?**

Be sure to check that the configuring PC has a fixed IP address set for its network connection. The address must be in the same group as the TallyMan unit. An IP address of 192.168.100.200 with a Subnet Mask of 255.255.255.0 will work with the Tallyman unit when it is set to the default IP of 192.168.100.235. Some laptops switch off the Ethernet port by default when on battery power. This can be changed. If you are still unable to connect check the IP address of the Tallman unit as described in [“How do I check or change the IP of my Tallyman unit?”](#)

## **I get confused with the connect and write configuration options which should I use and when?**

When you have made a change on the configuring PC to the tallyman layout or configuration, if you are NOT on-line you MUST write the file to the TallyMan unit for it to take effect. The TallyMan unit will restart (you will see LOCAL shown on the displays for a second) and then you can Connect to the system.

### **If you are already online:**

You can re-assign existing items at will and the system will update immediately but you cannot add or delete “hardware” in the program such as a router module, for example. Do not forget to save the new file on your configuring PC so you have a copy of it outside of the TallyMan unit.

**I have had trouble with the system locking up on writing to it and I suspect that the file may be corrupt.**

If the system seems not to respond to the remote configuring PC, the file in the TMx may be corrupt. With several changes and possibly a wrong/illegal port number set, this can sometimes happen. Connect the config PC to the TMx using Control 3 and HyperTerminal, as described in the manual or can be found here [How do I check or change the IP of my Tallyman unit?](#), and delete the System Data file.

## **How do I map my mixer tallies with the Program tally module I see in the Tallyman tree?**

When setting up tallies from mixers / switchers it is most logical to map the Program Tally inputs (from the mixer module) to the Mixer Sources. TallyMan does not know about this association until this mapping is done in the Mixer Source lists.

This can be done very quickly with the use of Tally PinPatch, the directions for using this can be found here: [What is the quickest way of assigning large numbers of tallies?](#)

## What is the quickest way of entering large numbers of names/mnemonics?

While many names and labels may be imported from the Router/Mixer itself by clicking *Configure router names* when the router is highlighted in the option tree, large numbers of names and mnemonics may also be imported from Excel spreadsheet by simply copying the column and selecting Edit -> Paste Mnemonics/Names from the navigation bar, this is very useful when using the Excel spreadsheet to create large numbers of sequential mnemonics using the Fill Series function.

## What is the quickest way of assigning large numbers of tallies?

The quickest way to assign large numbers of tallies is by the use of Tally Pin Patch which can be open by selecting *Tools-> Tally PinPatch* on the navigation bar.

Select the source of the tallies and the destination from the drop down boxes on the left and above the grid and create cross points by clicking the corresponding grid square then close the window and the assignments will be saved

## **I have written my configuration but the UMDs do not display the correct text.**

Ensure that the UMDs have been addressed correctly. The current text on the UMDs can be seen by selecting *View -> User* on the navigation bar. If this is correct but does not correspond to the text displayed on the actual UMDs you will need to change the address of the UMDs themselves, instructions for changing the address of TSL UMDs can be found here:

[http://www.tsl.co.uk/download/09%20UMD\\_IMD%20Displays%20.pdf](http://www.tsl.co.uk/download/09%20UMD_IMD%20Displays%20.pdf)



## **I have a query not addressed in the FAQ or manual, where do I go from here?**

If you have consulted the manual [Where can I find the manual for my Tallyman unit?](#) And the FAQ and are still experiencing difficulty or have any further questions regarding Tallyman you can contact a member of our engineering support staff at [Tally.Support@TSL.co.uk](mailto:Tally.Support@TSL.co.uk). If your query relates to a specific setup please attach a copy of your .tms file and a description of your desired configuration to the email as. This will help to ensure that your query is addressed as quickly and accurately as possible.