## **7** Read This First!

### Congratulations...

On your choice of a Tally Dascom label printer.

Please take a moment to read this Quick Start Guide which will familiarise yourself with the printer and its operation. The printer is a sophisticated but easy-to-use label printer featuring simple media loading and quick connection together with a menu configuration systems displayed on the LCD panel.

We will guide you through unpacking the printer from its carton, connection to your computer system and installation of the media including a quick self-test of the printer to ensure it is working.

### Safety

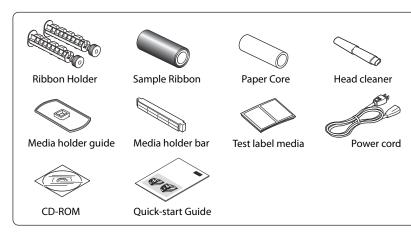
If you have not done so already, please carefully read the safety instructions included at the beginning of this Quick Start Guide and in more detail on the user manual included on the CD-ROM. Failure to observe the safety precautions could cause serious injury or damage to both you and your property.

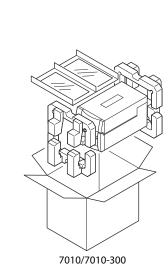
### **Unpacking Your Printer**

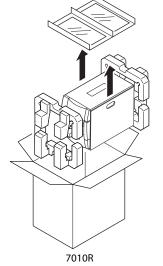
- a. Carefully unpack your new printer and ensure all the items shown on the adjacent picture are present in your printer's carton. Remember that the printer itself can weigh up to 18 kg (39 lbs) so ensure you lift the printer out of the box carefully with the assistance of another
- b. In some cases, your supplier or Tally Dascom may have added extra items required for your particular installation such as additional CD-ROM, cable or manuals. Instructions for each of these items will be included within the individual packages.
- c. If you have any questions, or if you find any of the items are missing, please initially refer back to your supplier. Otherwise, contact details for Tally Dascom's regional offices are shown on the back page of this Quick Start Guide.
- d. The printer is shipped with adhesive tape in place to hold the top cover closed. Simple remove the tape and open the case by lifting the top cover upwards and back.
- e. There is another strip of adhesive tape that must be removed which holds the mechanism closed for shipping. Remove the tape and attached paper by carefully peeling from the case. A further piece of packing paper is inside the mechanism. You can remove this when the head is opened for the first time (as shown in section 3b).

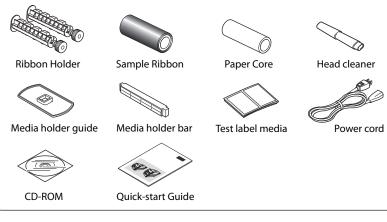
### **Basic Carton Contents**

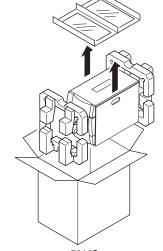
The following items are only present in the carton:











• Brancher l'ordinateur dans une prise de courant différente de fa?on à ce que l'ordinateur et le récepteur soient branchés sur des

circuit de l'equipment; aussi, il est demande a l'utilisateur d'essayer de corriger l'interference par l'une ou plus des mesures suivantes: Cependant, il n'y a pas de garantie contre les intertèrences avec les réceptions radio ou télévision, provoquées par la mise en et hors Cet équipment est conçu pour fournir une protection satisfaisante contre de telles interférences dans une installation résidentielle. classe A prescrites dans le Reglement sur le brouillage radioelectrique edicte par le ministère des Communications du Canada. Le présent appareil numérique n'émet pas de bruite radio électriques dépassant les limites applicables aux appareils numériques de la les instructions du fabricant, il risque de provoquer des intérferences avec la réception de la radio et de la télévision. Cet équipment produit et utilise l'énergie à radiofréquences et s'iln'est pas installé et utilisé correctment, c'est à dire en accord strict avec

> Etat de Conformite EMI à l'usage des Utilisateurs Canadiens grantee of this device could void the user's authority to operate the equipment.

CYNTION: Use shielded cables to connect this device to computers. Any changes or modifications not expressly approved by the

 Consult the dealer or an experienced radio/TV technician for help. • Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Increase the separation between the equipment and receiver. Reorient or relocate the receiving antenna.

interference by one or more of the following measures: radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to Communications. This equipment is designed to provide reasonable protection against such interference in a residential installation. limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of manufacturer's instructions, may cause interference to radio and television reception. This digital apparatus does not exceed the Class A This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the EMI Compliance Statement for Canadian Users

Compliance Statement for European Users

icadential area is likely to cause narmful interference in which case the user will be required to correct the interference at his own accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules.

> This device is not intended for use at a video workstation in compliance with Bildscharb V. I his product has been tested under EM ISO ///9 and has a acoustic level output no higher than 55db(A) EMC Directive (2004/108/EC)/ENSS022, ENSS024, EN61000-3-2 & EN61000-3-3 Low Voltage Directive (2006/95/EC)/EN60950-1 CE marking shows conformity to the following criteria and provisions

30. Trademarks or registered trademarks of other companies and products are included in this manual. Tally Dascom acknowledges all 29. If there are missing or incorrectly collated pages in this manual, contact us to obtain a new manual. 28. Please contact us if there are any mistakes or ambiguities within this manual.

profits caused by data loss due to failures, repairs, inspections, etc. 27. Data residing in the printer is temporary. Therefore, all data will be lost if power is lost. We are not liable for any damage or loss of Z6. We are not liable for any damage caused by user's erroneous use of the printer and inadequate environment.

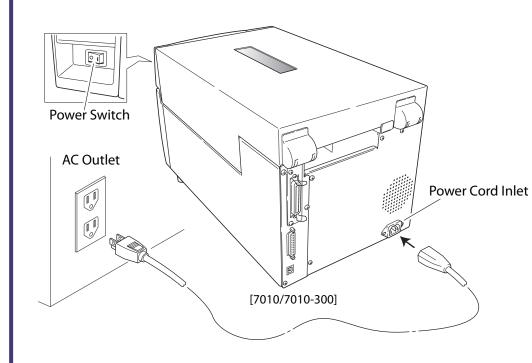
72. We are not liable for any problems resulting from the use of optional products and consumable supplies other than the designated

- 24. We are not liable for any damage resulting from the use of the information contained herein, regardless of errors, omissions, or 23. Reproduction, transfer, or transmission of the contents of this manual without prior consent is strictly prohibited.
  - 22. The contents of this manual may be changed without prior notice. 21. fa problem occurs during printing, stop the printer immediately and unplug the power cord from the outlet. tool as a ballpoint for operation.
- 20. Operate the control panel properly. A careless, rough handling may cause problems or maintingtion. Do not use such sedged 19. Do not open the printer during printing.
- 18. When the cover is open, be careful of the corners of cover. They could cause injury. 17. Make sure if you open the top cover, it is opened all the way. If only partially open, the cover could slam shut, possibly causing injury.
- 16. Discard or safely store the plastic packing bag. This bag should be kept away from children. If the bag is pulled over child's head, it
  - f. If the product exhibits a distinct change in performance, indicating a need for service.
  - e. If the product has been dropped or knocked or the cabinet has been damaged. work by a qualified technician to restore the product to normal operation.
- p) the operating instructions since improper adjustment of other controls may result in damage and will often require extensive a. It the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered
  - c. If the product has been exposed to rain or water or excessive humidity.
  - b. If liquid, aerosol chemicals or other chemicals have been spilled into the product. a. When the power cord or plug is damaged or frayed.
  - 15. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
- equipment and shall be easily accessible. 14. The mains plug on this equipment must be used to disconnect mains power. Please ensure that the socket outlet is installed near the
- pose compartments to service personnel. those covers that are marked ODo Not RemoveO may expose you to dangerous voitage points or other fisks. Keter all servicing on
- 13. Except as explained elsewhere in this manual, don't attempt to service or disassemble this product yourself. Opening and removing that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
- 12. Mever push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts outlet does not exceed 7.5 amperes for 220/240V outlet and 15 amperes for a 120V outlet.
- extension cord do not exceed the extension cord ampere rating. Also, make sure that the total of all products plugged into the wall
- 11. If an extension cord is used with this product, make sure that the total of the ampere ratings on the products plugged into the power cord or data cables or keep them under tension.
- 10. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be walked on. Do not pull on the
- obsolete outlet. Do not defeat the safety purpose of the grounding-type plug. power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your 9. This product is equipped with a three-pronged plug, a plug having a third grounding pin. This plug will only fit into a grounding-type
- power available, consult your dealer or local power company. 8. This product should be operated from the type of power source indicated on the marking label. If you are not sure of the type of
- near or over a radiator or heat source. This product should not be placed in a built-in installation unless proper ventilation is should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed
- 7. To ensure reliable operation of the product and to protect it from overheating, do not block or cover these openings. The openings 6. Slots and openings on the cabinet and the back or bottom are provided for ventilation.
- 5. Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage to the product and
- salt or Iron particles. 4. Do not use this product near water or where a chemical reaction can occur such as in a laboratory or where there is a lot of oil, dust,
- kerone or similar chemicals, instead use a damp cloth for cleaning, when the printer is disconnected from the mains supply. . Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners, thinner, trichloroethylene, benzine,
  - 2. Follow all warnings and instructions marked on the product. 1. Read all of these instructions and save them for later reference.
- these precautions can result in personal injury or property damage or, in extreme situation, serious injury or death.

## Safety Instructions - which must be strictly observed

# **2** Connection to Power

- a. Check that the power switch to the printer is turned OFF.
- b. Connect the power cord to the power cord inlet on the printer. c. Insert the printers mains plug into a suitably located mains socket.
- d. The power switch is located in the recess below the control panel on the front of the printer, so that it is easy to access when the printer is installed



✓!\ Caution

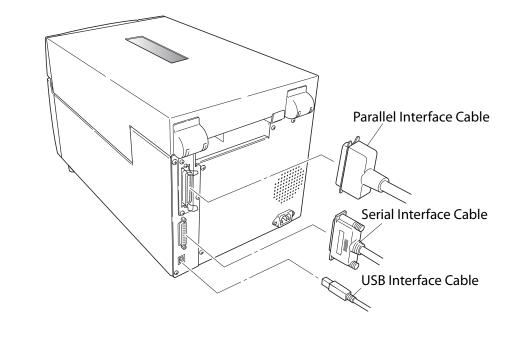
Use an AC outlet that accepts a three-pronged plug. Otherwise, static electricity may be generated and there will be danger of electric shock.

## **Connection to a Computer**

This product has three interfaces that can be used to receive printing data: a serial port (RS232C), parallel port (IEEE1284), and a USB port (USB1.1). An optional internal Ethernet (LAN) or Wireless LAN port can be added by your dealer. If the optional Ethernet or wireless LAN port is used, the standard parallel and USB ports are removed from the printer, so the parallel interface cannot be used.

With the exception of a wireless LAN connection, an interface cable is necessary to connect the printer to a computer. To connect the cable, proceed as follows:

- a. Turn OFF the power switches of both the printer and the computer
- b. Connect one end of the interface cable to the interface connector on the back of the printer and secure it with locks or locking screws, where available.
- c. Connect the other end of the interface cable to the interface connector on the computer and secure it with locks or locking screws, where available.



## For Further Information . .

For further information and more detailed instructions on the use of your new printer, please refer to the complete user manual included on the CD-ROM accompanying your printer. Alternatively, you can download the user manual and additional data from Tally Dascom's websites shown below.

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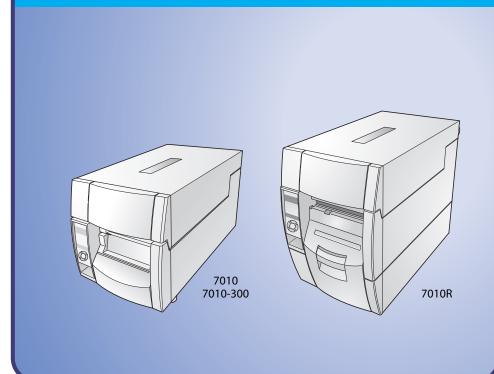
> 379851a-EN JN74950-00F



## Quick Start Guide 7010 Thermal Printer

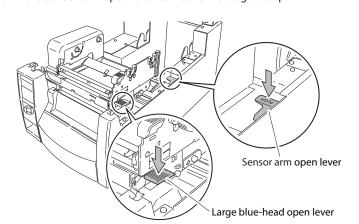
This Quick-Start Guide covers basic operation.

For detailed operating instructions, please see the User's Manual on the supplied CD-ROM.

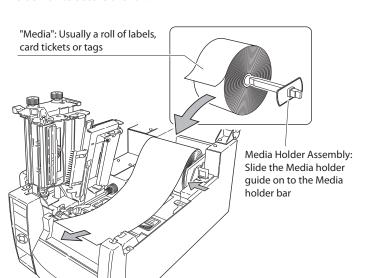


## **Media Installation**

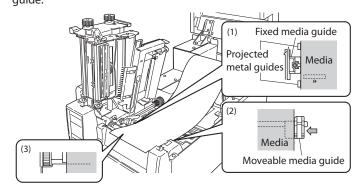
- a. Media installation is very straightforward and easy. Firstly, open the printer cover to view the printer's mechanism and media holder.
- b. Push down the Head open lever to release the printhead. Then push down the Sensor arm open lever to lift the Media guide up.



c. Insert the "Media holder assembly" into the core of the roll of media. Place the roll of media on the 'Media holder' and push the roll to the left side wall to secure the roll.



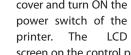
- d. (1) Push media against the fixed media guide on the left side.
- (2) The moveable media guide should be adjusted so it touches and guides the media. It must not bend or restrict the media from passing through the printer.
- (3) The media should run through the printer straight so the left edge is aligned with the projected metal guides and the fixed media

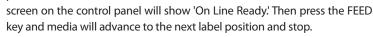


e. Hold the media so as to ensure it cannot move or skew, push down the Media Guide to close it.

f. Close the main printer mechanism. Firmly push down on the green part of the mechanism as shown below until it clicks closed. Make

sure you hear the "click" from the mechanism otherwise it is not closed. g. Close the printer cover and turn ON the





## **Printer Configuration**

Performing a self test print is an easy way to check on the configuration of the printer. Install the media as explained elsewhere and then operate the printer as follows.

### For label media

Turn on printer power while pushing the FEED key. When the LCD indicates "Self Print Mode" and "Label Media", release the FEED key.

### For continuous media

Turn on printer power while pushing the FEED key. When the LCD indicates "Self Print Mode" and "Label Media", and then changed to "Self Print Mode" and "Cont. Media", release the

The printer will produce the configuration

To restart printing, press the FEED key again. To exit, switch off the printer.

### Changing the Configuration

If the MENU key is pressed while the printer is in the On Line Ready state, the printer enters menu setup mode. In this mode, the printer's configuration can be changed using the operation panel. During menu setting mode, the LCD indicates the current menu settings and the key

### Functions of the keys

In the menu setup mode, the four keys become "cursor keys" to navigate the menu. Refer to the four small arrows in the centre of the keypad rather than the names of the keys.

The ▲ key (Feed key) goes up the menu system or selects a higher value

The ▼ key (Menu key) goes down the menu system or selects a lower value The ▶ key (Stop key) selects or saves the item or enters a menu

The ◀ key (Pause key) exits the current item (goes back) and eventually exists the menu system

The menu settings are stored temporarily in the printer's memory. They are only permanently stored in the printer setup when you exit the menu system and say "Yes" to the "Save Settings" question.

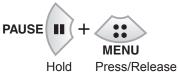
### Quick selection between DT and TT

The print method (thermal transfer method/direct thermal method) can be set using operation panel in addition to menu setting mode.

Ensure the printer is not printing or in pause mode. You cannot change between print methods unless the printer is in 'On Line Ready' mode.

### Setting method

Keep the MENU key held down. Each time the PAUSE key is pushed, the printer switches between thermal transfer mode and direct thermal mode.



- If thermal transfer is selected, the buzzer sounds once and the LCD
- briefly displays "Print Method, TT" before returning on-line.
- If direct thermal is selected, the buzzer sounds twice and the LCD briefly displays "Print Method, DT" before returning on-line.

If you just press the MENU button on its own and do not press PAUSE, you will enter the full Menu Setup Mode.

## Windows® Drivers

### Printer Driver Installation

If the drivers are not included with the printer, you can download the latest version free-of-charge from our web site, details of which are on the back of this Quick Start Guide.

Under the latest versions of Windows, the computer will often automatically detect the presence of the printer. Therefore it is advisable to download the drivers from our web site before installing the printer so the files are ready for installation:

www.dascom.com

During installation of the printer driver, the computer may ask you to select the printer required.

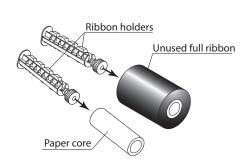
You will need to click on the "Have Disk..." box then tell the computer the location of the driver files on your CD ROM.

Your supplier will assist you with the correct drivers and software which are compatible with your particular computer system if you are not using Windows".

Windows is a trademark of Microsoft Corporation.

## **Thermal Transfer Ribbon Installation**

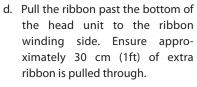
a. Place the unused ribbon and the empty paper core (tube) on to the ribbon holders. Insert the ribbon holders all the way in to the ribbon and paper core

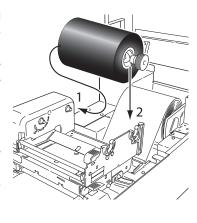


b. Install the unused ribbon and holder in to the rear ribbon drive

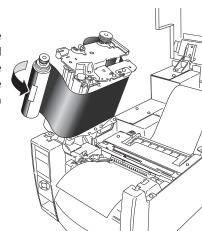
The splines on the ribbon drive gear mechanism engage with the end of the ribbon holder.

c. Open the top cover and then push the Head open lever to release the mechanism. You should not open 🥻 the media guide bar as this keeps the media in place.

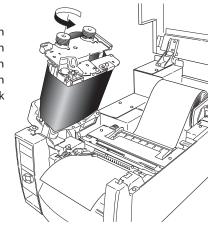




e. Using adhesive tape fix the ribbon that you have pulled through the printer on to the paper tube. Wind (roll) it on the "anticlockwise" direction.



f. Put the ribbon holder on which the paper tube has been set in the ribbon drive unit, then rotate it in the direction shown by the arrow to remove slack and wrinkles from the ribbon.



- g. Close the main printer mechanism. Firmly push down on the green part of the mechanism as (as shown in section 3f) until it clicks closed. Make sure you hear the "click" from the mechanism otherwise it is not closed.
- h. If the ribbon is wrinkled, push the FEED key until the wrinkles disappear. In the unlikely event the wrinkles do not disappear you may need to adjust the ribbon tension settings as described in the full user manual on the CD supplied. This will only usually be needed for specialist or very

# **6** Using narrow width or thick media

Using the Configuration / Self Test Print as described above, you can make adjustments to the printer settings such as media width and media thickness (printhead pressure).

## Width Adjustments

The sample, top right, shows an incorrectly set "media width adjustment" . The printed image disappears on the right

To change the media width setting, rotate the small adjustment knob on the right side of the printhead, as shown in the diagram. The indicator window (which may be obscured by the ribbon) shows an approximation of the setting. The small arrow indicates "full" width of just over 4 inches, 100mm.

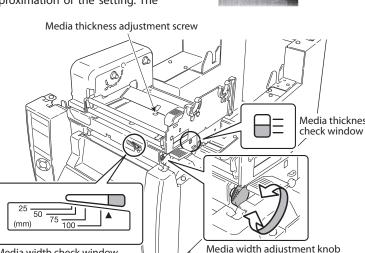
## Thickness Adjustments

The second sample, right, shows an incorrectly set "media thickness adjustment". The printed image appears light, grey or speckled. This can also be caused by incorrect heat setting.

To adjust the media thickness, use a cross-point screwdriver inserted in to the "thickness adjustment" hole on the top of the mechanism (which may be obscured by the ribbon).

Turning the screw clockwise cause the indicator to drop. This is for thicker media such as card and tags. Turning anti-clockwise the adjustment indicator raises which is for thinner media like thermal paper rolls.

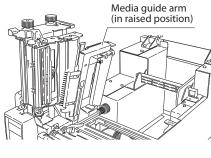
The centre line is the factory setting and is suitable for normal labels.

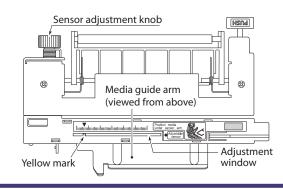


# **Unusually Shaped Media Adjustment**

For non-standard media sizes and shapes, you may need to adjust the media sensors. The adjustable sensor is standard fitment.

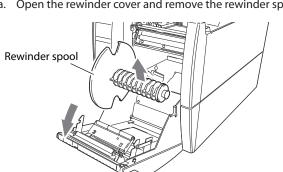
- a. Measure your required detection position beforehand, using the scale on the upper guide rail.
- b. Load media in to the printer as described elsewhere. Ensure the media guide arm is lowered and clicked down, but leave the printhead mechanism open.
- c. By rotating the adjustment knob, move the adjustable sensor to the required position. The yellow mark visible through the adjustment window should be used to align the sensor with the required position across the media.



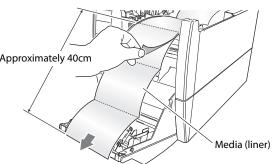


## **Peel & Rewind Mode** (7010R only)

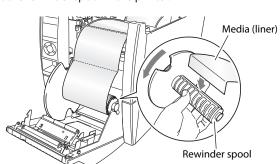
a. Open the rewinder cover and remove the rewinder spool.



- b. Pull out approximately 40cm length of the media from the head
- c. Peel off all the labels from the 40cm of media so that the liner is in contact with the peeler roller when closing the front door.



d. Insert the end of the liner through the slot in the rewinder spool and wind it two or three times around the spool to ensure it grips. Then set the rewinder spool in the printer.



e. Close the rewinder cover door by pushing the top of the door quite firmly until it clicks closed.