TST7600 Touch Screen
with TMR Tracker

OPERATORS MANUAL
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1.0 INTRODUCTION
Thank you for your purchase of a Digi-Star TST7600 scale indicator. Your TST7600 is the culmination of more than 30 years of agricultural weighing engineering and expertise. With proper operation and preventative maintenance the TST7600 will last for many years.

The Digi-Star TST7600 is primarily designed for weighing agricultural animal feed products during the loading and unloading of mobile and stationary feed mixers and feed delivery boxes.

The TST7600 is not for use with applications for which the TST7600 is not intended, or as outlined in this manual.

Use of the TST7600 outside of its intended purposes may result in inaccurate weight measurement or damage to instrument.
2.0 SAFETY DURING USE

⚠️ Danger: Indicates an imminently hazardous situation that, if not avoided, could result in death or very serious injury.

⚠️ Warning: Indicates a potential hazardous situation that, if not avoided, may result in death or very serious injury.

⚠️ Caution: Indicates a potential hazardous situation that, if not avoided, may result in a minor injury.

NOTE!

Cleaning: Do not use running water, pressure washer or hoses to clean the indicator or touch screen.

Charging Battery: Disconnect all cables from the indicator and touch screen before charging the battery or welding on the machine. If cables are left connected, the indicator, touch screen and connected load cells could be damaged.
3.0 SPECIFICATION & HARDWARE

Temperature range: -20 to +70 °C operating
Operating voltage: 10 – 30 Volts DC
EMC protection: Complies with 2004/108/EC ISO 14982
ENV protection: Display sealed to IP54

TST7600 ISOCAN 2 Touch Screen—P/N: 409633
Power Cable—P/N: 408479
Serial Extension Cable—P/N: 406834
Cable-TST to ERM---P/N: 409632

3.1 Digi-Star Indicator Setup

With the TST7600 touch screen connected to the serial port of the indicator the indicator’s functions are to indicate weight and ingredient names. The indicator will also give the audible and visual alarms when reaching presets. The indicator can be programmed to allow the zeroing of the scale, perform the tare, net/gross, and hold functions. All other functions normally done using the indicator are now done using the TST7600.

The TST7600 touch screen has two modes of operation:

1. The first mode uses TMR Tracker software data that is transferred to the TST7600 by using a USB drive.
2. The second method uses front panel programming via the TST7600 touch screen to enter data.
   See section 7 or 8.

The TST7600 touch screen must be connected to the serial /com1-2 port of a Digi-Star late model Scale Indicator or ScaleLink running software version 8.B or newer.

One user and one mixer ID is pre-loaded into the TST7600 so the device is ready for use after adding ration and pen data.

In addition the following settings in the EZ3 or before indicator must be setup as noted:

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>Direct Access Number (DAN)</th>
<th>SETTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPSTAT</td>
<td>253</td>
<td>2</td>
</tr>
<tr>
<td>Computer in Mode</td>
<td>215</td>
<td>EZ2CMD</td>
</tr>
</tbody>
</table>
4.0 OVERVIEW OF TOUCH SCREEN

1. **ON/OFF** button located on left side of unit under a round rubber cover. To shut down unit, hold button down for 3-5 seconds.

2. The SD card is located under a rubber flap on the left side of the front of the housing. **DO NOT** remove the SD card included with the device. Contact Dig-Star Technical Support before removing card.

3. **USB slot** under cover

4. **Soft Keys**- press to select operations displayed on screen.

5. **Home Key**- press to bring up home screen.

6. **Password Key**- press to enter system password.

7. **Escape Key**- press to go back one screen.

8. **Soft Key Enter**- press for alternate ENTER when button icon is present on the display screen.
9. Speaker

10. ERM (external radio module) serial cable connection

11. Serial power cable connection

12. RJ45 cable connection

13. Video connections

14. Unit serial number
5.0 ICONS BRIEF DESCRIPTION

User Access – Used to setup access to icons. Four levels available and a custom setting.

Weighback (Refusal) Ingredients - Name that will be loaded in place of ingredients.

Timer – Set Mix time

Pens - List Mode Select

User ID – Create new users from this screen

Weighback (refusal) substitutions – Load weighback as the first ingredient and the selected ingredients will be resized proportionately.

Weighback (Refusal) – Record weighback amounts manually or by loading them into the mixer.

Partial Drop – Unload partial amount of recipe to a pen. (Example; starting weight 5000 lbs. Fed 2500 lbs. to pen 13 in the morning, then select . Then feed the other 2500 lbs. to pen 13 in the afternoon. Dates and time will be recorded on the Touch Screen.)
**Tare** – Gives a temporary zero set point

**Net/Gross** – Toggles between net mode and gross mode

**Mixer ID number** – Set Mixer ID to match TMR Tracker or Beef Tracker mixer ID

**Change Weight** – amount of ingredient to be loaded

**USB Transfer**

**Dry Matter %** - Changes ingredient dry matter % for individual ingredients

**Rations** – Go to select ration screen

**Hold** – Freezes weight while moving mixer from one location to another

**Home Screen**
Substitute current ingredient with new ingredient

Settings:
Load new software, Customize button locations
Cab control key mapping, Feeding settings
Set-up, Calibration

Zero-press an HOLD for 3 seconds

3 Day History – Access feeding data from previous 3 days

Feeding Number – select feeding number 1 thru 9. Example: 1 would equal morning feeding, 2 would equal afternoon feeding

Enter – Accepts changes and moves to next screen

Cancel – Moves back a screen and cancels selection

Expand to Ration Details – Shows all pens associated with current recipe selected

Skip Up- User can manually move up through ingredients.
**Skip Down** - User can manually move down through ingredients.

**Add User** - Add new user

**Delete User** - Delete highlighted user. All users cannot be deleted from Touch Screen. One user must remain on Touch Screen unit by default.

**Edit User** - Edit users name using key pad.

**Edit User’s password** - Edit user’s password using number key pad.

**Save** - Saves data after user makes changes

**Update Software** - press to update software when USB drive is installed

**Record** - record weighbacks (refusal).
6.0 HOME SCREEN ICONS

1. **Users** - Setup and manage multiple users

2. **User Access** - Set security levels for all users

3. **Mixer ID** - Used to manage multiple mixers

4. **Settings** - Access setup & calibration settings, software update page, personalize screens and advance batching options.

5. **General Weighing** - Main page to select ration, change dry matters, record weighbacks, feed pens and use general scale options.

6. **USB Transfer** - Used to transfer data to and from TST and TMR Tracker and transfer information to other TST’s devices.
7.0 USING TST7600 WITH TMR TRACKER

7.1 Home Screen
Transfer data from TMR Tracker to TST7600

1. Press key on front of TST7600. See page 7

2. Press

3. Insert USB drive into port under left cover. See page 7

4. Press Import USB Files
All data from TMR Tracker software is transferred to TST7600.

7.2 USB Menu
7.3 General Weighing

7.4 General Weighing Screen

7.5 Select Ration (Loads Mode)

5. Press 

NOTE: TMR Tracker software will transfer ration and pen data in one of two types of formats:

Loads Mode- Each load is built by PC software. It assigns pens to rations and builds exact load for pen.

List Mode- PC software sends ration and pen data in two different fields. Operators selects ration to build and pen deliveries.

1. Press to display rations

See pages 9-12 for description of icons shown on screen.

NOTE: The 6 icons on the left of the display and the two bottom icons on the right of the display are customizable. If more icons have been programmed you can access them using the ▲ or ▼ down arrows.

2. Press on desired ration

3. Press 

A-Pens to be fed
B-Weight fed to each pen
C-Delivery date/time

1. Opens side tab, selectable from personalize screen.

2. Active Ingredient to load

3. Ration Name

4. Total amount of time when loading and deliver are complete

5. Current amount loaded in mixer

6. Next ingredient to be loaded

7. 2nd ingredient to be loaded
7.7 Loading Ingredients

1. Start loading ingredient into mixer.
2. When ingredient is loaded the next ingredient to load is shown. Continue loading ingredients until all are loaded.

7.8 Deliver Ration

1. When all ingredients are loaded, the indicator will automatically show which pen to deliver to and how much to unload at this pen.
7.9 Select Ration (List Mode)

1. Press \( \text{home} \) key on front of TST7600. See page 7.
2. Press \( \text{home} \).

3. Press \( \text{home} \).

1. Press desired ration from list.
2. Press \( \text{home} \).
3. Follow 7.6 -7.8

1. Alternatively, you can exit the ration and then press the \( \text{home} \) key to see the list of pens available to be fed for that ration.

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7.10 Download Data
To copy feeding data from indicator to USB Drive this can then transfer to TMR Tracker

1. Press key on front of TST7600. See page 7

2. Press

3. Press Export USB Files
Feeding files are copied to USB drive for use with TMR Tracker software
8.0 ADVANCED COMMANDS

8.1 Edit Ration

1. Press key on front of TST7600. See page 7

2. Press

3. Press

4. Press ration to edit

5. Press

6. Press pen to edit

7. Press on “100”, in this example, to edit number of head in pen 1

8. Press on “3650”, in this example, to edit weight for pen 1
9. Use keypad to change quantity

10. Press

After user has started loading ingredients for ration, the user may cancel out of the ration. When user chooses to return to the ration, user will be prompted to choose to resume or restart ration.
8.3 Weigh-Back Substitution

Batch Ingredients- Ingredients substituted for weigh-back

Weighback Ingredients-What you want to call the ingredients for use with TMR Tracker.

1. Press the ration desired on the select ration screen.
2. Press .
3. Select the arrow to move one ingredient.
4. Press .
5. Select the arrow to move all ingredients.
6. Press .
7. Press if you’ve already loaded & recorded WB for this pen that you are now feeding.
8.4 Weigh-Back Entry

1. Press 🔄 on the general weighing screen

2. Individual weights can be entered by selecting the weight column

3. Press 🔵 to move through the list.

4. To select multiple pens press on the pen/group.

5. Press 🈶️ to manually enter weight

6. To record the amount of weigh-back loaded in the mixer select 🔄.
8.5 Dry Matter% Adjustment

1. Press \% on the general weighing screen

2. Filters ingredients in alphabetical and numerical order when selected.

3. Select the ingredient to change and then select the “New Dry Matter %”.

When Dry Matter % is changed, the ingredient will be automatically resized in all the recipes that the ingredient is used. Also TMR Tracker will detect changes to the DM% and the user has an option to save or reject the changes.
9.0 TST7600 WITH FRONT SCREEN PROGRAMMING

9.1 Home Screen

1. Press \[\text{home}\] key on front of TST7600. See page 7

9.2 Select Front Panel Screen

2. Press \[\text{front panel}\]

3. Press 5
4. Press N. The N will change to Y.
5. Next to Y repeatedly press the icon to select % or 🍗 or ⚜️.

- Enter ingredient amounts in %. Indicator calculates amounts for each ingredient. All the ingredients must equal 100%.

- Enter ingredient amount required for feeding one head. Software will multiply the ingredient weight per head by the number of head in each pen.

- Weight of each ingredient per mixer load.

6. Press 🔄.
The TST7600 is now in the front panel programming mode. In this mode all data entry is done at the TST7600 input screens. TMR Tracker software is not used.
9.3 Enter Ration

1. Press key on front of TST7600. See page 7

2. Press

3. Press

4. Press and HOLD for 3 seconds.

5. Press to start entering ration
6. Using keypad enter ration description
7. Press

8. Press desired ingredient
9. Press to add ingredient to list.

10. Using keypad enter amount for ingredient. The amount entered depends on what basis was selected on page 19
11. Press

Continue to add ingredients until finished with ration.

12. Press
13. Press on desired pen for this ration.

14. Press

15. Using keypad enter amount to feed this pen.

16. Press

17. Press
9.4 Loading Ingredients

1. Press key on front of TST7600. See page 7.
2. Press

3. Press

4. Press recipe desired

5. Start loading ingredient into mixer.
6. When ingredient is loaded the next ingredient to load is shown. Continue loading ingredients until all are loaded.
9.5 Deliver Ration

1. When all ingredients are loaded, the indicator will automatically show which pen to deliver to and how much to unload at this pen.
10.0 USER SCREEN

1. Press \textcolor{blue}{\textbf{key on front of TST7600. See}} page 7

2. Press \textcolor{blue}{\textbf{.}}

3. Press \textcolor{blue}{\textbf{+}}

4. Key in new user ID number using key pad. \textcolor{blue}{\textbf{(Max. 6 digits)}}

5. Press \textcolor{blue}{\textbf{.}}

\textbf{NOTE: ID number and name in TST7600 must match in TMR Tracker software.}

6. Enter new user’s name.

7. Press \textcolor{blue}{\textbf{.}}
8. Enter user password using number key pad. (Max 15 digits).
9. Press

10. Select a language from list.
11. Press
11.0 CUSTOMIZE USER ACCESS

11.1 User Access Rights
This screen allows or disallows users to have access to certain features.

1. Press key on front of TST7600. See page 7

2. Press.

NOTE! - Tabs 1-4 are predefined levels of access. Changes cannot be made.

3. Select user’s name
5. Press on ICONS for features that the user will not have access too. A red “X” shows. To unselect features press ICON again.

6. Press

7. Press
12.0 MIXER ID SCREEN

12.1 Add New Mixer ID

1. Press \(\text{\textbullet}\) key on front of TST7600. See page 7

2. Press \(\text{NEW EZ}\).

3. Press \(\text{\textbullet}\) to add new mixer ID

4. Use key pad to add new mixer ID.

5. Press \(\text{\textbullet}\)
12.2 Delete Mixer ID

1. Press \( \text{Home} \) key on front of TST7600. See page 7.

2. Press \( \text{Mixer ID} \).

3. Choose mixer ID from list shown.

4. Press \( \text{Delete} \) to remove mixer ID.

5. Press \( \text{Confirm} \).
12.3 Edit Mixer ID

1. Press \[ \text{key on front of TST7600. See page 7} \]

2. Press .

3. Choose mixer ID from list shown

4. Press \[ \text{to edit mixer ID.} \]

5. Use keypad to edit ID

6. Press \[ \]

13.0 SETTINGS

1. Press \[ \text{key on front of TST7600. See page 7} \]

2. Press .
1. **Require User Login**: When enabled, requires password to log on to device at start.

2. **Advance Delay Seconds**: Number of seconds prior to automatically advancing ingredient/pen.

3. **Tolerance % to Auto Accept ingredient/Pen**: % of Ingredient/Pen that must be met before auto advance (0 is the same as disabled).

4. **Tolerance over Lock (for negative weight)**: Prevents the scale from auto-advancing if the amount being loaded or unloaded has exceeded the preset tolerance amount and has caused the scale to display “OVER”.

5. **Pre-Alarm**: Enter a value to activate an early warning that scale is reaching the preset weight. Pre-Alarm can be set by weight or percentage.

6. **Re-Use**: (Only works with loads mode)
   - When set to enable, "Loads Mode" recipes will remain active in the Touch Screen so they can be "re-used" for additional loads.
   - The information for each load is also stored with a new, individual batch number that is different from the original batch number sent to the indicator. This allows each “re-used” load to be identified by TMR Tracker.
13.2 Tab 2

1. **Allow Resize** - Select Y or N. When enabled, the resize batch/recipe option is available.

2. **Auto Start Pens** - Select Y or N. When enabled, will start 1st pen after last ingredient is loaded.

3. **Manual Advance Pen to Pen** - Force user to select Enter between pens.

4. **Mark Ingredient/Pen Started after Weight** - Won't allow a skip if weight reached.

5. **Auto put Pen back on list Weight** - If not fed within Weight, puts Pen back on list.

6. **Display Ct** - Displays the count size (1, 5, 10, 20, 50)
1. **1st Ingredient Resize/1+2 Ingredient Resize** - Select N, 1 or +. Will resize the batch based on amount loaded of the first or first and second ingredient. This will keep the ratio of ingredients the same. 1 = 1st Ingredient, + = 1+2 Ingredient resized.

2. **Distribute Load** - After the Delivery of each Pen, will distribute the remaining loaded Weight to remaining Pens equally.

3. **Small Ingredient Identification** - If call Weight is less than amount; the screen will display the call Weight (and not count down). Ingredients will need to be hand loaded. Enter or advance will need to be pressed after loading ingredients.

4. **Zone Filter** - Filter by zones – As set up in TMR Tracker

5. **Motion** - Select Y or N. When enabled, if weight moves 2 display counts ingredient/Pen won't advance

6. **Batch Numbering** - Select either PC or TST to control the batch number. When P, batch number info set by PC (TMR Tracker) When S, batch number info set by TST7600.
1. **Ingredient /Pen Display Time** - Number of seconds Ing/Pen name will display before switching to a weight value.

2. **Return Original Call Weight** - Select Y or N. The TST will return the original ingredient/pen call weight when using the split load function.

3. **Units** - Select LB or KG (Setup number determines how scale reads)

4. **Beep for key** - Select Y or N. Turn sound off or on for key pressing.

5. **Scale#** - Select scale head number, have up to 24 scale heads connected to system.

6. **Radio Test** - Select Y or N. If Y, Feedlines sent from Datalink are marked “done”. (Only for DataLink)
1. **Full Description** - Select Y or N. When set to N the ingredients are shown as the “display name” per TMR Tracker software. When set to Y the ingredients are shown as a “description” per TMR Tracker software.

2. **Front Panel Programming** - Select Y or N. When set to Y all programming is done using screens of the TST7600. When set to N all data is entered and retrieved by USB drive using TMR Tracker software.

3. **FPP Print Format** - Select which print format to use.

4. **Reload Skipped Ing/Pen** - If ingredient or pen is skipped by use of arrow key, the ingredient or pen will be reloaded before completion of the load.
14.0 USB MENU

1. Press \[\text{key on front of TST7600. See page 7}\]

2. Press \[\text{USB}\].

1. Press to select:
   - Import USB Files: Imports files from USB stick to Touch Screen
   - Export USB Files: Exports files to USB stick, and then transfer to TMR Tracker software.
   - Import from other TS: Overwrites all data and settings in the current Touch Screen device. Upload from USB stick to Touch Screen.
   - Export from other TS: Download data and settings from Touch Screen to USB stick.

2. Delete Completed: Deletes only completed Rations
3. Delete All: Deletes all Rations and History files.
15.0 CAB CONTROL KEY MAPPING

15.1 Cab Control Key Mapping

Cab Control Key Mapping - The user has the ability to perform functions from the Digi-Star Cab Control unit when used in conjunction with the TST7600 touch screen.

Example, when pressing the “print” key on the cab control, the “tare” function will be done on the TST7600 touch screen unit.

1. To select the CC Key ->Function, double touch the red ❌, it will change to a green mark.
2. Press 📈.

Screen Column - Screen on TST7600

Function Column - What function on the TST7600

CC Key -> Function - Cab Control function

1. Press 🏡 key on front of TST7600. See page 7
2. Press ✈️.
3. Press 📦.
### 15.2 Genweight

<table>
<thead>
<tr>
<th>Screen</th>
<th>Function</th>
<th>CC Key -&gt; Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENWEIGHT</td>
<td>TARE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NETGROSS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HOLD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TIMER</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SELRATION</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ZERO</td>
<td></td>
</tr>
</tbody>
</table>

**GENWEIGH** - Functions for general weighing.

### 15.3 Loading

<table>
<thead>
<tr>
<th>Screen</th>
<th>Function</th>
<th>CC Key -&gt; Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENWEIGHT</td>
<td>ENTER</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TARE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NETGROSS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCROLLUP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCROLLDOWN</td>
<td></td>
</tr>
</tbody>
</table>

**LOADING** - Functions for loading.

### 15.4 Selration

<table>
<thead>
<tr>
<th>Screen</th>
<th>Function</th>
<th>CC Key -&gt; Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENWEIGHT</td>
<td>ENTER</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TARE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCROLLUP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCROLLDOWN</td>
<td></td>
</tr>
</tbody>
</table>

**SELRATION** - Functions for selecting rations.
16.0 UPDATING SYSTEM SOFTWARE

1. Install USB drive. This screen comes up.

2. Press this will take the user back to the “HOME” screen.

3. Press .

4. Press .
5. Select “Software Rev”

6. Press ➔

When software update is complete, remove the USB drive.

(Software Updates will not change the user's settings)
## 17.0 DEFAULT SETTINGS FOR TOUCH SCREEN

<table>
<thead>
<tr>
<th>Features</th>
<th>Default Setting</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required User Login</td>
<td>N</td>
<td>Yes/No</td>
</tr>
<tr>
<td>Advance Delay Seconds</td>
<td>2</td>
<td>0, 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60</td>
</tr>
<tr>
<td>Tolerance % to Auto Accept Ingredient/Pen</td>
<td>0.5</td>
<td>0, 0.5, 1, 2, 3, 4, 5, 7, 10</td>
</tr>
<tr>
<td>Tolerance Over-lock (for Negative Weight)</td>
<td>N</td>
<td>Yes/No</td>
</tr>
<tr>
<td>Pre-Alarm</td>
<td>100 lbs.</td>
<td>lbs. / Off / Percent</td>
</tr>
<tr>
<td>Re-Use</td>
<td>N</td>
<td>Yes/No</td>
</tr>
<tr>
<td>Allow Resize Recipe</td>
<td>Y</td>
<td>No/Yes</td>
</tr>
<tr>
<td>Auto Start Pens (after loading)</td>
<td>Y</td>
<td>No/Yes</td>
</tr>
<tr>
<td>Manual Advance Pen to Pen</td>
<td>N</td>
<td>No/Yes</td>
</tr>
<tr>
<td>Mark Ingredient/Pen Started After Weight</td>
<td>40</td>
<td>0, 10, 20, 30, 40, 50, 100, 200</td>
</tr>
<tr>
<td>Auto put Pen back on list Weight</td>
<td>0</td>
<td>0, 50, 100, 150, 200, 250, 500</td>
</tr>
<tr>
<td>Display Count</td>
<td>10</td>
<td>1, 5, 10, 20, 50</td>
</tr>
<tr>
<td>1st Ingredient Resize/1+2</td>
<td>N</td>
<td>Yes/No</td>
</tr>
<tr>
<td>Ingredient Resize</td>
<td>5</td>
<td>Enter weight using numerical key pad</td>
</tr>
<tr>
<td>Distributed Load</td>
<td>N</td>
<td>Yes/No</td>
</tr>
<tr>
<td>Small Ingredient Identification</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Zone Filter</td>
<td>ALL</td>
<td>1, 2, 3, 4, 5, 6, 7, 8, 9, ALL</td>
</tr>
<tr>
<td>Motion</td>
<td>N</td>
<td>Yes/No</td>
</tr>
<tr>
<td>Batch Numbering</td>
<td>P</td>
<td>P / S</td>
</tr>
<tr>
<td>Ingredient/Pen Display Time</td>
<td>1</td>
<td>1, 2, 3, 4, 5</td>
</tr>
<tr>
<td>Return Original Call Weight</td>
<td>N</td>
<td>Yes/No</td>
</tr>
<tr>
<td>Units</td>
<td>LB</td>
<td>LB/KG</td>
</tr>
</tbody>
</table>
18.0 CABLE CONNECTIONS

<table>
<thead>
<tr>
<th>Pin</th>
<th>To 12VDC Power Supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Red + Terminal</td>
</tr>
<tr>
<td>2</td>
<td>Black - Terminal</td>
</tr>
<tr>
<td>3</td>
<td>Orange Alarm Out</td>
</tr>
<tr>
<td>4</td>
<td>Blue Remote Input</td>
</tr>
</tbody>
</table>
Connect to Serial/Com 1-2 connection

Black – Red + Battery power connection (Must be fused)
## 19.0 TST RAM MOUNT

Use these screw holes for ram mount

Fits .5 to 1.5 OD tubing

<table>
<thead>
<tr>
<th>KEY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>406981</td>
<td>MOUNT-1.5 RAM W/U-BOLT</td>
</tr>
<tr>
<td>2</td>
<td>406947</td>
<td>MOUNT-1.5” RAM X 5.2”(101U-B)</td>
</tr>
<tr>
<td>3</td>
<td>403775</td>
<td>SCR-#8x3/4 PHSTS 48-2 SS</td>
</tr>
</tbody>
</table>
20.0 DECLARATION OF CONFORMITY

EC Declaration of Conformity

Manufacturer : RDS TECHNOLOGY LTD
Address : CIRENCSTER RD, MINCHINHAMPTON, STRoud, GLOUCESTERSHIRE, GL6 9RH
Country : ENGLAND

Product Description : ISOCAN 2 Generic Head Unit
Manufacturer : RDS TECHNOLOGY LTD
Model : ISOCAN 2 (RD1) CORE PRODUCT DESIGN
Identification : ISOCAN 2, SHU428-1-001, SHU410-2-002, SHU410-3-002, SHU431-3-002
Date : 17/07/2014

This product conforms with the essential requirements of EMC Directive 2004/108/EC, based on the following specifications applied.

EU Standards : EN 55022:2010
ISO 10605:2008

And therefore complies with the essential requirements & provisions of the EMC directive.

Company : RDS TECHNOLOGY LTD
Address : MINCHINHAMPTON, STRoud, GLOUCESTERSHIRE, GL6 9RH ENGLAND

Name & position of person signing on behalf of the manufacturer or its authorized representative:

Name : PETER NELSON
Position : ENGINEERING DIRECTOR
Signature : 
Place : RDS TECHNOLOGY LTD
Date : 13/03/2014