MYRIAD
TRANSPORT REFRIGERATION PARTS

TRANSCAN® ADVANCE

INSTALLATION GUIDE

WE STOCK IT. YOU GET IT.

Qualitas Veritas
ISO 9001-2015

COLD CHAIN FEDERATION
MEMBER

TRADEMARK DISCLAIMER

Myriad (the Supplier) supplies high quality replacement compressors and parts for Carrier® and Thermo King® transport refrigeration and air conditioning equipment and other carefully selected companies. Product names, logos, brands and other trade marks (whether registered or unregistered) referred to on this website are the property of their respective owners.

Use on this website does not imply that the owners of such rights are affiliated to Myriad in any way.

Myriad® is a registered trade mark of Syncoline Limited, registered in the UK and other countries.

Carrier®, Transicold®, DataCold®, Maxima®, Vector®, Supra®, Xarios®, Zephyr®, Neos®, Carlyle® and Viento® are registered trade marks of the Carrier Corporation, registered in the UK and other countries.

Thermo King®, TouchPrint® and TK® are registered trade marks of the Thermo King Corporation.

Mobil, the Mobil logo type, Mobil 1, Mobil SHC, Gargoyle Arctic SHC, and the Pegasus design are registered trademarks of Exxon Mobil Corporation or one of its subsidiaries.

"Bosch" and the Bosch logo are registered trademarks of Robert Bosch GmbH and are used under licence. The BSH Group is a Trademark Licensee of Robert Bosch GmbH.

Carlisle (Group of Companies) is a registered trademark of The Timken Company (TIMKEN).

Danfoss and the Danfoss logotype are trademarks of Danfoss A/S.

KUBOTA is a trademark of Kubota Corporation.

PRESTOLITE is a trademark of GENERAL CABLE INDUSTRIES, INC.

COMEX EUROPE is a trademark of COMEX EUROPE S.R.L.

Euroscan is a trademark of the SuperCool Group of Companies.

Transcan® is a registered trademark of the Connexas Group.

GAH Transport Refrigeration is a trademark for G.A.H. (REFRIGERATION) LIMITED.

Schmitz Cargobull is a trademark of Schmitz Cargobull AG.

Seltec is a trademark of Seltec Automation LLP.

Valeo is a trademark of the French global automotive supplier headquartered in France, listed on the Paris Stock Exchange.

Zanotti is a trademark of Zanotti SpA, one of Europe's largest manufacturers in the refrigeration field.

The use of these names, and or any those of any other manufacturers, and any O.E.M. (Original Equipment Manufacturer) part numbers or partial use of O.E.M. part numbers used alongside products on this website, is done so to aid and assist identification of replacement parts and products, and are used for reference purposes only.

In no way do they constitute the approval of, and or any association to the O.E.M. in question, nor should they be used to infer any relationship between Myriad and the third party in question.

Any and all product pictures on this website are for illustrative purposes, provided with the intent to aid and assist the identification of products parts only. Actual replacement parts provided may differ.

Trademarks:
All brand names and trademarks referred to on our web site, including those protected by third parties, are unreservedly subject to the provisions in force of the trademark and the rights of ownership of the respective registered owners. The mere naming of a trademark is not to be taken as an implication that the trademark is not protected by the rights of a third party.

Warning - Cyber Crime Disclaimer:
Please be aware of Cyber Crime and report any suspicious emails to Myriad via our telephone system only. Myriad will not take any responsibility if you transfer money to an incorrect bank account. You should verify our bank details with our office before any transfers are made. If you receive any emails or suspicious messages requesting your bank details or other sensitive information please contact us immediately for confirmation.

External Links Disclaimer:
Myriad website may contain links to external websites that are not provided that are not provided or maintained by or in any way affiliated with Myriad. Please note that Myriad does not guarantee the accuracy, relevance, timeliness, or completeness of any information on these external websites.

General Disclaimer:
Myriad reserves the right to make additions, deletions or modifications to the contents of the Service at any time without prior notice. Myriad does not warrant that the website is free of viruses or other harmful components.

Definition of an O.E.M.:
An Original Equipment Manufacturer (O.E.M.) is traditionally defined as a company that produces parts and equipment that may be marketed by another manufacturer.

Legal validity:
This disclaimer is to be considered part of the material provided on the website which is linked to this page. Insofar as parts of this text or its individual wording should not, no longer or incompletely comply with the current legal situation, the content and validity of the remaining parts of this document will remain unaffected.

Warranty:
The content and, in particular, any warranty conditions described have been carefully prepared and reviewed. We would expressly point out that only correspondingly adapted warranty conditions apply in certain countries. Myriad accepts no responsibility for the up-to-dateness, correctness, completeness or quality of the information provided.

Liability claims against Myriad relating to material or idealistic damage caused by the use or non-use of the information provided or by incorrect and incomplete information are strictly ruled out, insofar as there is no proof of deliberate or grossly negligent fault on the part of Myriad.

Myriad expressly reserves the right to modify, supplement, or delete the website, either partially or in its entirety, without previous notification or warning.
www.myriadparts.com

TRANSCAN® ADVANCE – INSTALLATION GUIDE

Branded by Myriad Parts

Some technical content used with acknowledgment to Sevent Telematics Ltd. Transcan® is a registered trademark of Connexas Group. Myriad Parts provides installation support materials for compatibility reference only. For more information, visit www.seventelematics.com

What's in This Guide?

- Quick overview of the Transcan® Advance recorder
- Step-by-step installation for sensors and recorder units
- Mounting and connection advice for trailers, cabs, and bulkhead units
- Links to compatible Myriad products for each configuration

Choose Your Transcan® Configuration:

Trailer Kit (T Version)
Perfect for external trailer installation.
MPN3640 **CLICK**

Re-Manufactured Head Unit (Service Exchange)
Swap out your faulty recorder head unit with a refurbished version.
MPN3640A

In-Cab Bulkhead Kit (C Version)
Ideal for vehicles without a DIN slot.
MPN3649

Radio DIN Kit (R Version)
For vehicles with a spare DIN slot in the dash.
MPN3650

1.0 INTRODUCTION

This guide outlines the recommended installation procedures for the Transcan® Advance temperature recorder. Designed for the transport refrigeration industry, the Transcan system enables accurate monitoring and data logging of compartment temperatures and operational status inputs — supporting compliance with EN12830 and food safety regulations.
Each installation may vary depending on the vehicle type, refrigeration system, and chosen Transcan configuration (R, C or T version). For best results, this installation should be completed by a qualified technician or workshop engineer with experience in temperature control systems.

1.1 Installation Overview

A complete Transcan® Advance installation typically includes the following components:

- Transcan recorder unit (R, C or T version)
- Up to 8 temperature sensors
- Status input switches (e.g. door or defrost)
- Power connection
- Optional junction box
- Sensor and power cabling

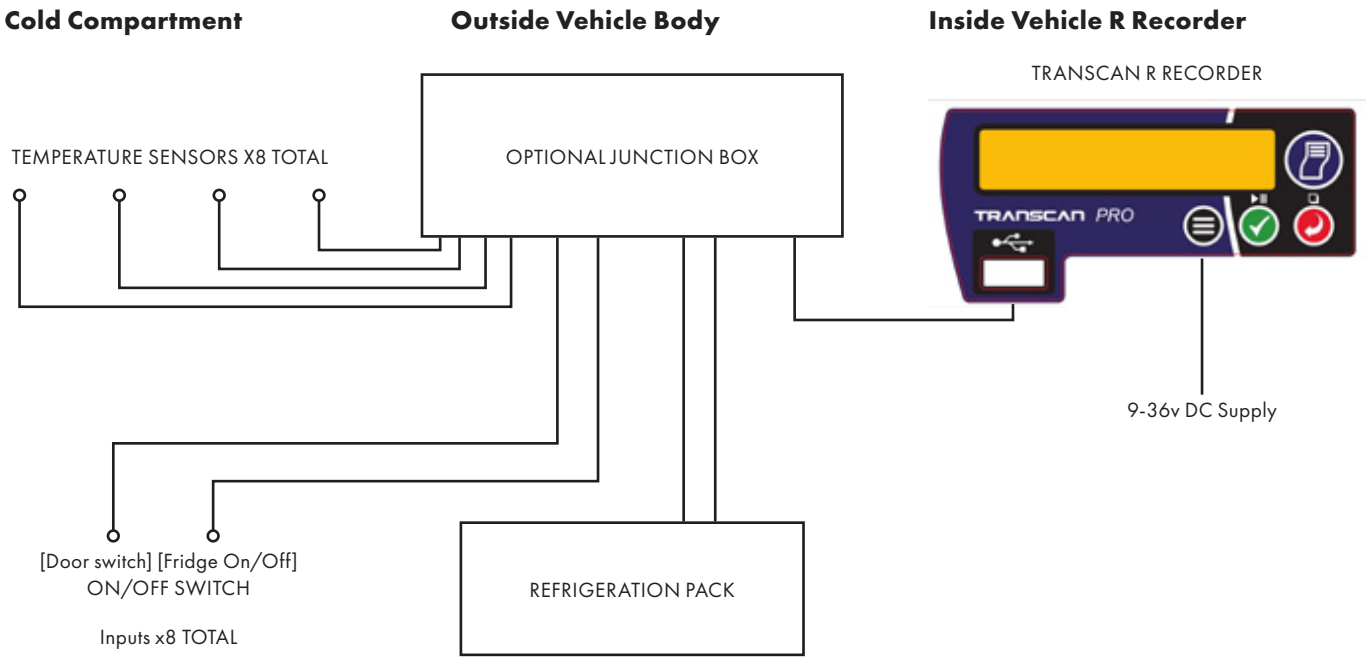

Figure 1.1 Block Diagram of Typical Installation for R version with Junction Box.

The installation process consists of:

1. Selecting mounting locations for sensors, recorder, and optional junction box.
2. Installing sensors and status switches.
3. Routing and protecting cabling.
4. Connecting sensors, power, and status inputs.
5. Mounting and wiring the recorder unit.
6. Verifying operation and commissioning the system.

Important: Any holes drilled in insulated body panels must be sealed using a high-quality silicone sealant to prevent water ingress. Protect all cables appropriately throughout the installation.

1.2 Transcan Temperature Recorders

The Transcan Advance is available in three formats to suit different vehicle applications:

- **R Version:** DIN slot installation for cabs with available radio space.
- **C Version:** Bulkhead-mount option for cabs without DIN space.
- **T Version:** Weatherproof unit designed for external trailer installation.

All variants support up to 8 temperature channels and 8 status inputs, and share common wiring and connection architecture.

1.3 Temperature Sensors

Transcan Advance units are compatible with thermistor-based temperature sensors. These are connected directly to the recorder or via a junction box. Sensors should only be sourced from authorised suppliers to ensure compatibility and accuracy.

Each sensor has two core wires and can be installed with or without shielding. When used, the sensor screen should be grounded to the recorder chassis using the supplied clamp.

1.4 Status Monitoring

The recorder can accept up to 8 status (ON/OFF) inputs to monitor various functions, such as:

- Door openings (rear, side, compartmental)
- Defrost cycle activation
- Fridge ON/OFF status (alarm enable/disable)

Status input 1 is reserved for alarm control (to enable or disable alarms based on fridge status). Inputs 2–8 can be customised according to your configuration.

1.5 Transcan R & C Version

- **R Version:**
  Designed for DIN slot mounting in the cab dashboard. It features a standard radio-size enclosure and is easily integrated into the existing vehicle layout.
- **C Version:**
  Intended for vertical bulkhead installation in the cab when DIN slots are unavailable. It comes with its own mounting bracket and cable entry points.

Both versions connect via rear connectors and are suitable for rigid trucks or box vans.

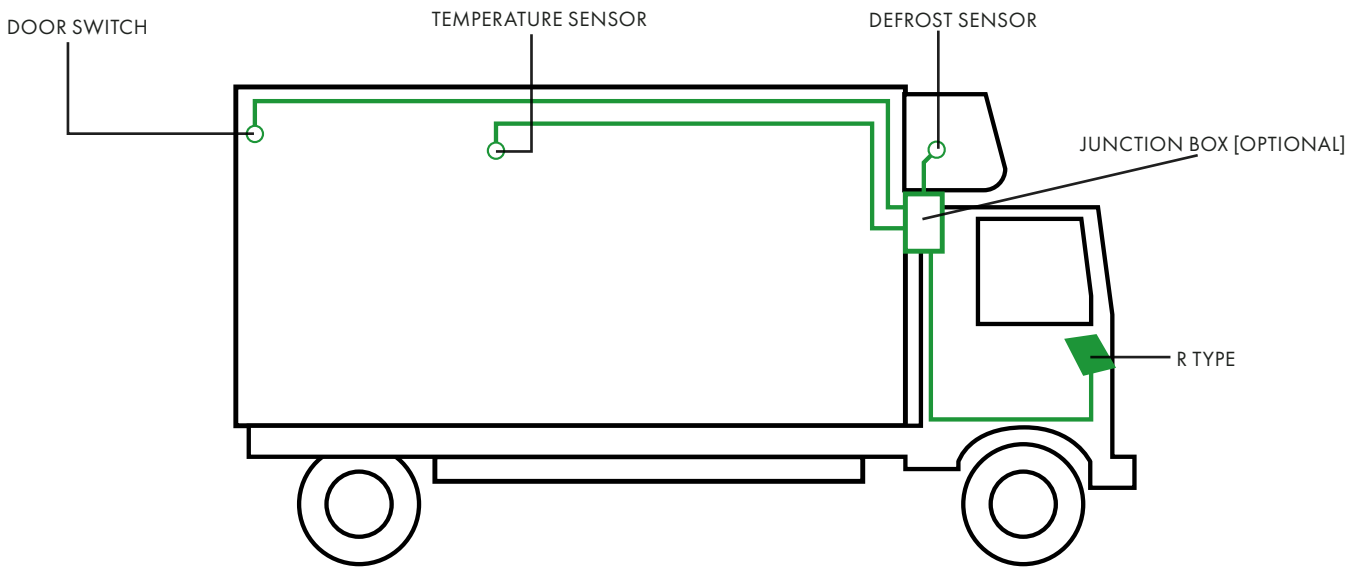

Figure 1.2 Internal Mounting

1.6 Transcan T Version

The T version is fully weather-sealed and ideal for trailer or semi-trailer installations. It's typically mounted externally on the front bulkhead of the trailer, near the refrigeration unit, ensuring easy access for drivers and engineers.
Cable entries are gland-protected, and internal connectors are accessed via a hinged enclosure door.

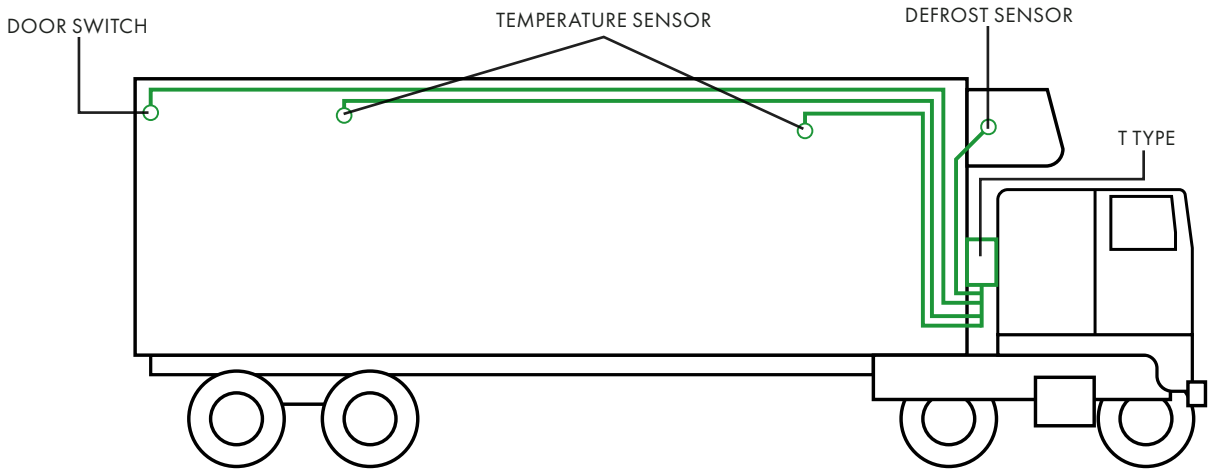

Figure 1.3 External Mounting

1.7 Optional Junction Box

A junction box can be used to simplify sensor and status switch wiring, particularly when using multiple inputs. All cables can terminate at the junction box and be routed via a single multi-core cable to the recorder — reducing clutter and simplifying future maintenance.

2.0 INSTALLING THE SENSORS

Sensor and switch installation is critical to the performance of the Transcan® Advance system. Incorrect placement can result in inaccurate readings, data gaps, or faulty alarms. This section outlines best practices for positioning and securing temperature sensors and status switches.

2.1 Positioning the Temperature Sensors

Each temperature sensor should be carefully positioned to provide accurate readings while minimising environmental interference.

General Guidelines:

- Avoid placing sensors in dead air pockets — they must be exposed to moving air.
- Keep sensors away from doors, partitions, or light fixtures (minimum 0.5m).
- Position sensors clear of potential physical damage from cargo handling.
- Allow enough slack in sensor cables for periodic temperature verification (e.g., allow the sensor to reach floor level).

Recommended Locations:

- For single-compartment vehicles: centre-line of the roof, approximately one-third from the rear.
- For multi-compartment vehicles: one sensor per zone, ideally aligned with airflow and fridge return paths.
- A return-air sensor should also be installed to monitor the air re-entering the refrigeration unit.

Note: All drilled holes through the bodywork must be sealed with high-grade silicone to prevent water ingress

2.2 Positioning the Status Switches

Status switches detect key events, such as door openings or fridge operation, and transmit ON/OFF signals to the recorder.

2.2.1 Location of Door Switches

Door switches are typically magnetic proximity types, consisting of a sensor and an activating magnet.

Installation Tips:

- Mount the switch on the door frame and the magnet on the door itself.
- Maintain a 5mm gap between the magnet and switch when the door is closed.
- If the door frame is magnetic, both the switch and magnet should be mounted with 10mm plastic spacers.
- Rear doors are generally connected to Status Input 2; side doors often use Input 4 or higher.

Avoid placing the switch where it may be damaged during loading/unloading.

2.2.2 Installing the Defrost and Fridge ON/OFF Detectors

Defrost and fridge control detectors allow the recorder to monitor refrigeration events and manage alarms accordingly.

Wiring Notes:

- Status Input 1 is reserved for fridge ON/OFF detection (to enable/disable alarms).
- Status Input 3 is normally used to monitor defrost cycles.
- Wire connections depend on the fridge manufacturer — always consult the fridge's electrical diagram or service manual.

Mounting Tips:

- Mount detectors securely within the fridge control panel.
- Power detectors from a safe, fuse-protected point within the fridge circuit.
- If unsure, contact the fridge manufacturer or your Myriad representative for guidance.

2.3 Power Supply

The Transcan® Advance operates on 9V–36V DC and must be connected to a reliable, fused power source.

Installation Requirements:

- Power can be sourced from the vehicle battery, fuse box, or refrigeration unit.
- Always fit a 2A inline automotive fuse as close to the power source as possible.
- Use 16/0.2mm² multicore cable with PVC outer sheath.
- Ensure the supply is permanent (live at all times), especially for trailer installations.
- For in-cab (R/C) installations, you may use both live and switched power feeds from the fuse box.

Protect all terminals from corrosion, and avoid routing power cables near high-voltage or interference-generating components.

2.4 Installing the Junction Box (Optional)

Using a junction box can simplify the wiring of temperature sensors and status inputs, especially in multi-zone or complex installations.

2.4.1 Mounting the Junction Box

- Mount the junction box on a flat surface — usually the front bulkhead of the trailer or near the refrigeration unit.
- Use the supplied mounting plate and lugs; do not drill additional holes into the box housing.
- Glands should be installed on the underside of the box only — up to seven 12.5mm and one 19mm glands can be fitted (if staggered).
- Maximum torque for gland tightening is 1.5 Nm.

2.4.2 Installing the Multi-Core Cable

- Route the multi-core cable neatly from the junction box to the recorder.
- On external bodywork, either use existing conduit or install new protective trunking.
- Underneath the cab, secure cables at 150mm intervals using cable ties.
- Avoid potential impact zones (e.g., road spray, moving parts, or heat sources).

2.4.3 Connecting the Junction Box

- Terminate all wires on the internal connector strip according to the supplied wiring diagram.
- Even unused wires should be terminated (not cut) to allow future expansion.
- Use colour-coded or numbered cables where possible to simplify maintenance.

3.0 INSTALLING THE RECORDER

This section explains how to physically mount and wire the Transcan® Advance recorder in each of the supported configurations: R (DIN slot), C (in-cab bulkhead), and T (external trailer). All variants share the same connection ports and electrical layout, but differ in how and where they are mounted.

Important: Allow enough slack in all cabling to permit servicing or unit replacement without stressing the connectors.

3.1 Positioning the R Version

The R version is designed to mount in a standard DIN radio slot within the vehicle dashboard. It is best suited for rigid trucks with available radio space.

3.1.1 Mounting in a Radio Slot

- Insert the supplied mounting cage into the vacant DIN slot and secure it by bending the retention tabs.
- Slide the recorder into the cage until the spring locking clips engage.
- To remove the unit, insert the supplied keys into the release slots on either side of the front panel.

Ensure the installation does not obstruct the driver's view and complies with Use and Construction Regulations.

3.1.2 Mounting Under the Dashboard

If no DIN slot is available, the R version can be mounted using a supplied under-dash bracket.

- Fix the mounting enclosure to the underside of the dash using screws and angled brackets.
- Slide the recorder into the enclosure until the locking clips engage.
- Ensure access to the display and printer drawer is not obstructed.

3.2 Positioning the C Version

The C version is intended for vehicles without a DIN slot. It mounts directly to a flat surface (typically a cab bulkhead).

Mounting Procedure:

- Select a visible, reachable surface within the cab that avoids contact with knees, gear sticks, or air vents.
- Secure the mounting enclosure using the provided screws.
- Snap out only the required cable entry holes and feed in the wiring.
- Use internal cable tie points to anchor and tidy the cabling.

3.3 Positioning the T Version

The T version is housed in a weatherproof enclosure for external trailer installation, typically near the refrigeration unit on the front bulkhead.

Mounting Instructions:

- Choose a flat, vibration-free location where the driver can view the display and access the controls.
- Avoid areas obscured by the tractor unit when coupled.
- Fasten using the included wall plugs, screws, and washers. Ensure plugs sit flush with the mounting surface to avoid movement.
- Maximum recommended hole diameter for fixing is 11mm.

3.4 Connecting the Recorder

All electrical connections are made via four rear-mounted connectors:

- **CON 1** – Temperature Sensors (T1–T8)
- **CON 2** – Status Inputs (S1–S8)
- **CON 3** – Power & Alarm Output
- **CON 4** – Optional Humidity Sensor

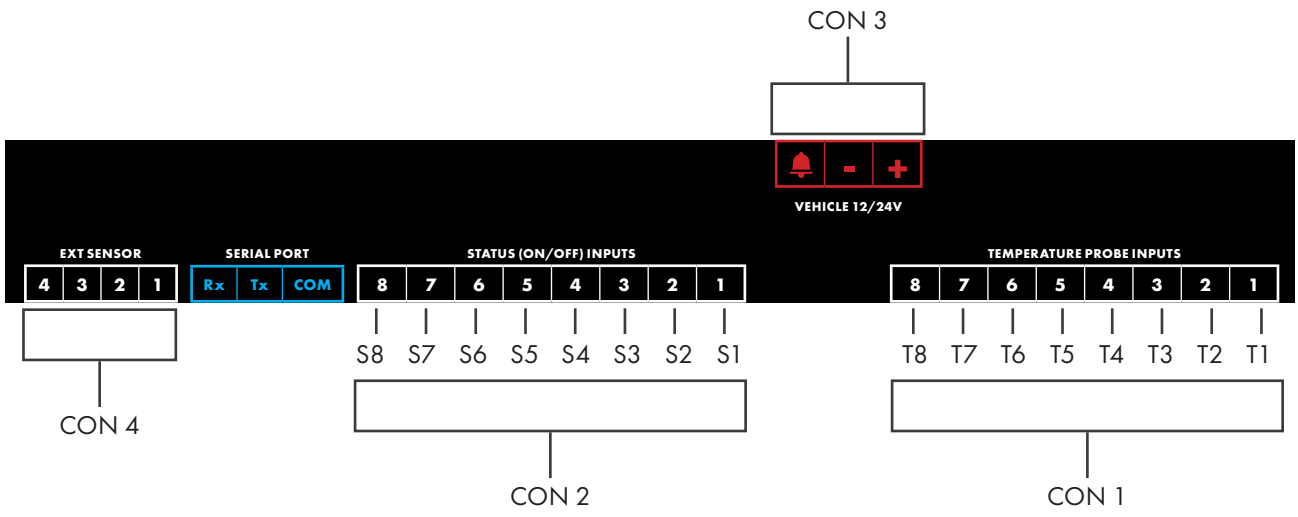

Figure 3.2 Recorder Connections

Always leave enough cable slack to allow the recorder to be withdrawn for servicing without needing to disconnect wires.

3.4.1 Connecting the Temperature Sensors

- Connect each sensor to CON 1 (T1–T8). Each input uses two terminals.
- The polarity of sensor wires is not critical.
- Screens (if used) must be clamped to chassis ground using the provided clamp.

Wiring Tips:
If using a multicore cable, pins 2, 4, 6, and 8 are internally linked — connect shared sensor returns accordingly.

3.4.2 Connecting the Status Inputs

- Connect switches or detectors to CON 2 (S1–S8).
- Polarity does not matter, as these are simple open/closed contacts.

Multicore Cable Note:
Pins 1, 3, 5, and 7 are internally linked — connect shared returns if required.

3.4.3 Connecting the Power Supply

- Connect to CON 3, using a 3-core cable:
  - Pin 1 (Bell Icon) – Positive DC (+9V to +36V)
  - Pin 2 – Ground
  - Pin 3 – Alarm output
- Fit a 2A inline fuse close to the power source.
- Use 16/0.2mm² multicore cable with a durable outer sheath.

Ensure a continuous, non-switched supply for trailers. For in-cab units, live and switched feeds may be used if needed.

3.4.4 Connecting an External Alarm Device

- Pin 3 on CON 3 provides an open-collector output (up to 1A).
- To activate an alarm (e.g. beacon), connect between vehicle positive and pin 3.
- The circuit closes to ground when an alarm is active.

3.4.5 Connecting a Humidity Sensor [Optional]

Humidity sensors connect to CON 4 using a four-core cable with the following colour coding:

1. Red
2. Green
3. Yellow
4. Blue

Mounting Advice:

- Install the sensor on a flat, dry surface.
- Avoid contact with water or condensation.

4.0 INSTALLATION CHECKS

Before commissioning the system, it's essential to verify the installation for correct wiring, stable operation, and proper sensor function. The checks below should be carried out with the recorder powered on and all sensors/switches connected.

4.1 Power Supply

- Confirm that the voltage at CON 3 is between **9V and 36V DC**.
- Check that the **polarity is correct:**
  - Pin 1 = Positive (+)
  - Pin 2 = Negative (–)
- Ensure the **2A fuse** is installed close to the power source.

4.2 Display

- The display should illuminate and begin showing temperatures within 30 seconds of power-on.
- Depending on the number of active channels, one or more temperature readings should appear.
- If no temperatures appear or dashes (– – – – –) are shown, check:
  - Sensor connections
  - Channel configuration (Section 5.1.1)

Use the arrow keys to scroll through channels and check summary views.

4.3 Temperature Sensors

- Wait **5 minutes** for sensors to stabilise after installation.
- Check that each connected sensor shows a realistic temperature (usually between -25°C and +10°C for refrigerated vehicles).
- If a sensor displays +###.#, this indicates a **sensor fault or wiring error.**
- If a channel shows – – – – –, the channel is **disabled in settings.**

Use the sensor location and label settings during commissioning to help interpret readings (e.g., Front, Rear, Air Ret).

4.4 Status Inputs

- Activate each connected status input (e.g. open/close doors, trigger defrost).
- Observe the status icons on the far-right of the display.

Defaults:

- **Input 1** – Used for alarm enable (ON/OFF via fridge)
- **Input 2** – Door switch:
  - Open = empty square □
  - Closed = filled square ■
- **Input 3** – Defrost:
  - Active = animated droplets
- **Inputs 4–8** – Custom/user-defined symbols

Check symbol behaviour against physical inputs and switch state.

4.5 Alarm Signal

To test the alarm system:

1. Trigger a temperature condition outside the defined range.
2. Confirm that:
   - The **internal buzzer** activates
   - The **external alarm output** (pin 3 on CON 3) switches to ground
3. Press the ✓ key on the recorder to acknowledge and silence the internal alarm.
4. The **external alarm output remains active** until the alarm condition clears.

Reminder:
If **Status Input 1** is wired for fridge ON/OFF, alarms will only be enabled when the fridge is active. This helps avoid nuisance alerts during vehicle defrost or standby.

5.0 RECORDER COMMISSIONING

With installation checks completed, the Transcan® Advance is ready to be commissioned. This process ensures the system is correctly configured for the vehicle and its application.

Commissioning includes:

- Setting up temperature and status channels
- Adjusting time/date
- Configuring recording and alarm behaviour
- Adding vehicle identity and report titles

5.1 Parameter List Configuration

The Transcan stores its settings in a User Parameter File (UPF). Units are pre-configured at the factory with typical defaults, but these can be modified to suit the installation.

For detailed instructions on modifying parameters, refer to the Transcan Advance User Reference Manual.

5.1.1 Temperature Channels

- Up to 8 temperature channels are available.
- Each channel must be individually switched ON or OFF.
- Channels can be named for clarity (e.g. Front, Rear, Air Ret).

Example Setup for 3 Compartments:

CHANNEL	STATE	NAME
1	ON	Front
2	ON	Rear
3	ON	Air Ret
4–8	OFF	—

Make sure the channel names match the sensor locations to avoid confusion in reports.

5.1.2 Status Inputs

Each status input (1–8) can be enabled, disabled, and customised based on use case.

Common Defaults:

INPUT	USE	SETTING
1	Fridge ON/OFF	Alarm Enable: ON
2	Rear Door	Door Switch: ON
3	Defrost	De-Ice Switch: ON

Additional Notes:

- If **Input 1** is used to disable alarms (when fridge is OFF), set:
  - Alarm Enable > ON
  - Alarm Reverse > OFF
  - Extend Time > 00:30 (optional delay after fridge turns off)

Inputs 4–8 are user-defined. These could be used for additional doors, evaporators, or control panels.

5.1.3 Header and Title

These settings are used to personalise the recorder's printouts and data logs.

- **Header:** Typically used for the vehicle registration or fleet ID
  (e.g. AB51 CDE for rigids, TRL 1234 for trailers)
- **Title 1 and Title 2:** Free-text fields shown at the top of reports
  (e.g. Title 1: "Myriad Logistics", Title 2: "Chilled Fleet")

5.2 Time and Date

Set the current time and date via the front panel. This ensures data logs and printed records are accurate and legally valid.
Refer to the User Manual, Section 4.3 for time-setting steps.

5.3 Recording Interval

The recorder's default logging interval is 10 minutes — suitable for most regulatory requirements. You may adjust it between 1 and 60 minutes, but for legal compliance, intervals below 10 minutes should be avoided.
See User Manual, Section 2.7 for changing the interval.

6.0 SPECIFICATION

The Transcan® Advance meets European and international standards for temperature monitoring in refrigerated transport. It is designed to log, store, and retrieve temperature and status data for compliance with food safety and cold chain regulations.

6.1 Type of Application

- Suitable for both storage and transport temperature recording.
- Designed for use in rigid vehicles, trailers, and semi-trailers with either single or multi-compartment configurations.

6.2 Temperature Measuring Range

RANGE	ACCURACY	RESOLUTION
–50°C to +50°C	±1.0°C	0.1°C
–40°C to +40°C	±0.5°C	0.1°C

6.3 Autonomous Power

- The internal battery maintains the real-time clock for timestamping data.
- The battery is not user-replaceable and must be returned to the manufacturer for replacement prior to the 10-year expiry period.

6.4 Environment

PARAMETER	VALUE
Recording Operating Temp.	–30°C to +70°C
Printing Operating Temp.	–10°C to +50°C
Storage Temperature	–40°C to +85°C
Vibration Resistance	EN 60068 compliant
Ingress Protection – Trailer	IP65 (outdoor suitable)
Ingress Protection – Rigid	IP20 (indoor use only)

Avoid exposing the recorder or printer components to water or condensation during operation.

6.5 Supply Voltage

- Input: 9V to 36V DC
- Power must be fused at 2A using an automotive spade-type fuse.
- Compatible with SELV-rated supplies (max 65VA) or LPS-compliant units.

USB Output:

- Voltage: 5V
- Current: 0.5A max (suitable for USB data transfer devices)

6.6 Recording Period

- User-selectable from 1 to 60 minutes.
- Default = 10 minutes (recommended for EN12830 compliance)

6.7 Recording Duration

- Internal memory: 4MB
- With 8 temperature channels recording every 10 minutes:
  - Capacity = 786 days

Older data is overwritten unless archived via USB or printed.

6.8 Data Archiving

- Data may be:
  - Printed via the onboard thermal printer
  - Transferred to USB
  - Viewed and downloaded using compatible software
- Retention: At least 1 year, per most national food transport laws.
- Recommendation: Export or print logs monthly for audit readiness.

6.9 Time Recording Error

- Maximum drift: ±1 minute over 7 days

Ensure regular checks to maintain legal accuracy of logs.

6.10 EMC (Electromagnetic Compatibility)
- Tested to: EN 61326 and EN 50498
- Conforms to: BS AU 243 / ISO 7637-1 Grade 4

Certification Body: TÜV Rheinland
Test Report Number: 21276432_001

6.11 Power Surge Protection
- Surge protection integrated for automotive environments.
- Compliant with ISO automotive voltage disturbance standards.

6.12 Electrical Safety
- Complies with: EN 61010-1
- Improper installation may compromise safety or cause malfunction.

6.13 Periodic Verification
- Verification and calibration should be performed in accordance with EN13486.
- Required for legal temperature data logging in food distribution.

6.15 Power Consumption
- Average operating current: 58 mA

6.16 IEC Symbols Used

SYMBOL	MEANING
	Direct current
	Caution
	Refer to user manual

7.0 CLEANING AND MAINTENANCE
To ensure long-term reliability and accurate performance of the Transcan® Advance recorder, regular cleaning and preventative maintenance are essential — especially in demanding transport environments.

7.1 Cleaning the Recorder
- **Display & Controls:**
  - Wipe with a soft, slightly damp cloth. Avoid harsh solvents or sprays.
  - Never spray cleaner directly onto the unit — apply to the cloth first.
- **External Enclosures (T Version):**
  - Use mild detergent and water. Rinse gently and dry with a clean cloth.
  - Check gland seals and hinges periodically for signs of wear or corrosion.
- **In-Cab Units (R & C Versions):**
  - Keep vents and casing dust-free using a soft brush or low-pressure air.

7.2 Printer Maintenance
- **Paper Roll:**
  - Always carry a spare roll of approved thermal paper. Store unused rolls in a cool, dry place.
  - Replace the roll when the paper feed symbol appears or the printer runs out.
- **Moisture Protection:**
  - If the printer area becomes wet, allow it to dry fully before attempting to print.
- **Print Quality:**
  - If printouts become faint or patchy, check the paper type and condition. Replace if discoloured or aged.

7.3 Sensor and Cable Inspection
- Periodically check all sensor cables, status input wires, and power connections for:
  - Signs of wear, abrasion, or cuts
  - Loose connections or corroded terminals
  - Exposed conductors or broken clips
- Repair or replace damaged cables immediately to avoid false readings or data loss.

7.4 Battery and Clock Maintenance

- The recorder contains a long-life internal battery that powers the real-time clock.
- This battery is not user-serviceable and should be replaced by the manufacturer or an authorised service centre before the 10-year expiry to maintain accurate timestamping.

INSTALLATION COMPLETE

Your Transcan® Advance recorder is now installed, configured, and ready to deliver trusted temperature data for refrigerated transport operations. For replacement parts, sensors, or Myriad-branded installation kits, contact us or visit www.myriadparts.com.

WANT TO SET UP AN ACCOUNT?

Our team is best placed to ensure that you are quickly on the way to procuring the best quality parts. You can always trust Myriad as your go-to partner for all your transport refrigeration part needs.

REGISTER TODAY AT

MYRIADPARTS.COM

SCAN ME

STEP 1:
FIND YOUR PARTS.

STEP 2:
COMPLETE YOUR ORDER.

STEP 3:
YOUR PARTS DELIVERED.

Alternatively, if you wish to, you can contact our dedicated sales team. Parts & Support +44 (0)23 8071 0168

HAVE WE LEFT YOU WANTING MORE?

HAVE A LOOK AT OUR OTHER CATALOGUES.

SEE MORE

FOLLOW US ON SOCIAL MEDIA

@myriadparts

MYRIAD
TRANSPORT REFRIGERATION PARTS

YOUR GO-TO PARTNER FOR TRANSPORT REFRIGERATION PARTS, GLOBALLY.

CONTACT DETAILS

Myriad Parts
Unit 5, The Quadrangle,
Abbey Park Industrial Estate,
Romsey, SO51 9DL,
Hampshire, United Kingdom

+44 (0) 2380 71 01 68
info@myriadparts.com
www.myriadparts.com

THE WIDEST RANGE OF PARTS FOR GLOBAL DELIVERY

WE STOCK IT.
YOU GET IT.