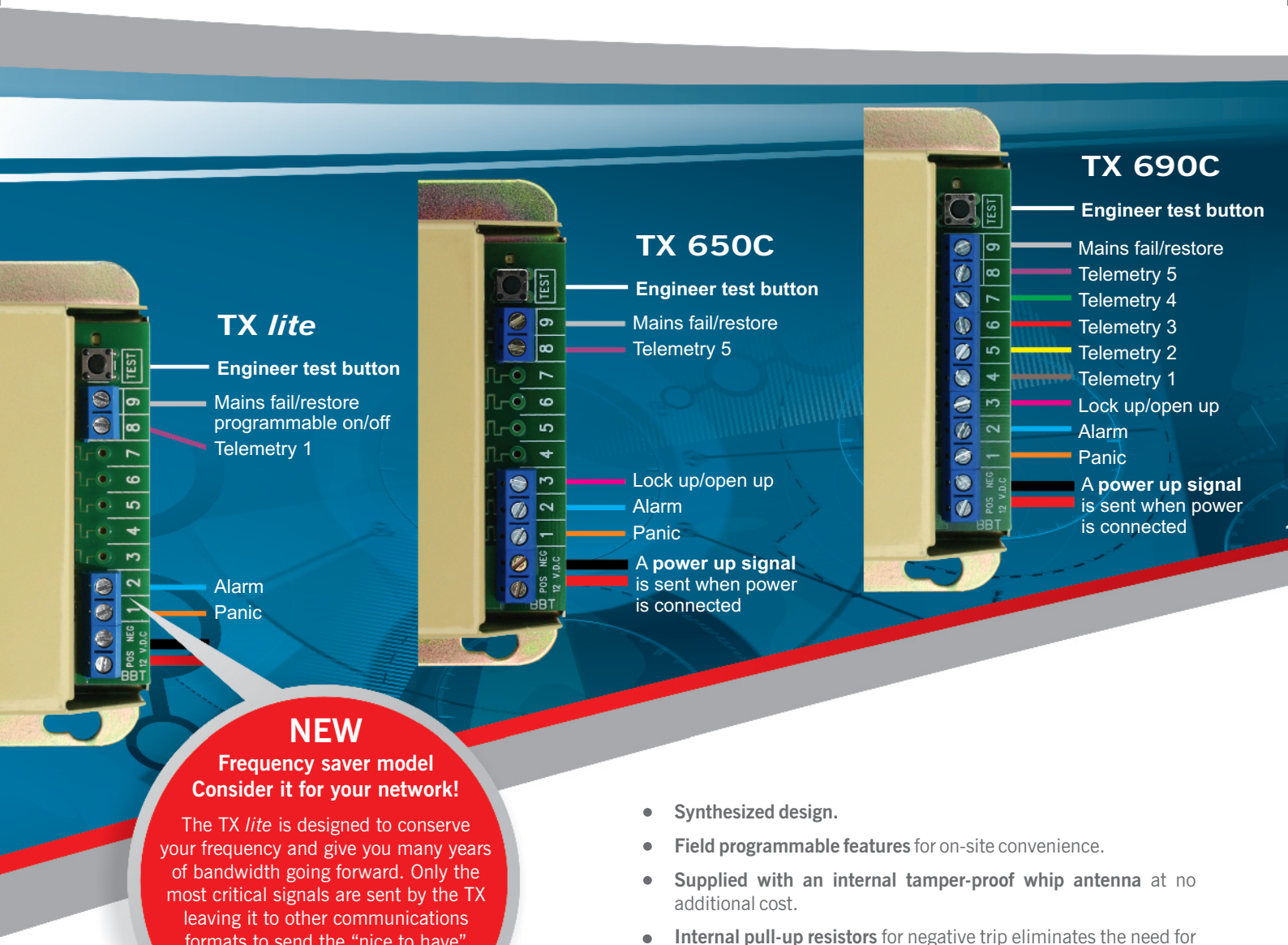
Hard wired transmitter models



NEW

Frequency saver model
Consider it for your network!

The TX *lite* is designed to conserve your frequency and give you many years of bandwidth going forward. Only the most critical signals are sent by the TX leaving it to other communications formats to send the "nice to have" signals. Considering the scarcity of frequencies, it's good practice to plan ahead now.

When it comes to security data communication systems, a single factor can spell the difference between life and death. Reliability. Which is why we at RDC simply refuse to compromise on the quality of our systems. In the way we design them – producing world-first technologies in the process. In the way we manufacture them – using leading edge SMT for fault-free assembly. And in the way we support them – providing the most comprehensive product backup and value-added services in the industry.

- **Synthesized design.**
- **Field programmable features** for on-site convenience.
- **Supplied with an internal tamper-proof whip antenna** at no additional cost.
- **Internal pull-up resistors** for negative trip eliminates the need for external resistors.
- **All inputs may be programmed individually** for positive or negative trip making the transmitter compatible with any control panel.
- **A power-up signal** is sent which can indicate that the transmitter has been tampered with by an insider.
- **Intelligent mains fail/restore signalling** varies signal delays reducing unnecessary network congestion during power failures. The installer, however, is able to test mains fail/restore signals without delay for thirty minutes after the installation.
- **Engineer test button -** for easy onsite testing.
- **Low battery reporting.**
- **Multiple lock-on protection features.**
- **Signal buffering** - when inputs are triggered simultaneously they are stored in the transmitter and sent in priority order.
- **Manufactured using the latest surface mounting techniques** which minimises the chances of human error.
- **The transmitter draws less current** placing less strain on the system battery.
- **LED indicates seven different transmitter conditions.**

TX 690CID & 690CID-*lite*

The Intelligent Contact ID Transmitters

Affordable plug-in board for intelligent Contact ID data reporting.

Intelligent extended data reporting in the contact ID format allows extra information to be sent, e.g. which zone was activated and which key holder entered a premises.

Intelligent contact ID! Signals received from the control panel are processed by the transmitter and only the relevant critical signals are sent via the radio network optimising valuable network airtime.

NEW

TX 690CID-*lite*

Super Frequency Saver

The "lite" version of RDC's Contact ID transmitter offers the main benefits of Contact ID while adding zero extra congestion onto your network. *This means that Contact ID can now be used on upgraded RDC networks.

* Conditions appy

RDC's TX 690CID & TX 690CID-*lite* transmitters allows critical extra data to be sent in the contact ID format with minimum strain on the network. Additional information such as *open/lock-up* by partition and user number and *alarm* by partition and zone can be sent in a single signal. Network congestion is however minimised. Signal time is not increased to accommodate the additional information and signals received from the control panel are processed by the transmitter and only the relevant critical signals are sent via the radio. No unnecessary bypass or restore signals are sent over the network optimising valuable network air time.

The following data reporting is supported:

- Up to 4 partitions are supported / reported
- Up to 31 zones reported
  (zone 32 reserved for universal or unknown zone)
- Up to 15 users / key holders reported
  (user 16 reserved for universal or unknown user)
- Only Battery low and AC fail restorals are reported

A simple two wire installation is required. Connect the TIP (input 8) of the transmitter to the TIP input of the alarm panel and connect the RING (NEG input) of the transmitter to the RING input of the alarm panel.

The following hardwired inputs are still functional on the TX 690CID while the transmitter is configured for Contact ID type operation. (not supported on the TX 690CID-*lite*)

Input 1 - Panic **Input 2** - Alarm **Input 9** - Tele #1

These inputs should however only be connected if the Contact ID interface is not being used.

General features

- Synthesised design
- Internal tamper-proof whip antenna at no additional cost
- Intelligent mains fail/restore signalling
- Engineer's test button
- Power-up signal
- Multiple lock-on protection features
- Low current consumption
- Intelligent LED function indicating TX status