SCX-D Wireless system

TRACK CALL MANUAL

Covered products:

- SCX-D Wireless Receiver DW-SCXD-RTC-3 Version 5.x
- SCX-D Wireless Receiver DW-SCXD-RTC-6 Version 5.x
- SCX-D Wireless Transmitter DW-SCXD-TTC-1 Version 5.x

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1 Transmitter functionality

TC-button= the red button on top of the Transmitter box
Short press = Press and release the TC button within 0,5s
Long press = Press and hold TC button more then 0,5s then release

2 Operation

2.1 Activate Track Call

Track Call is activated by a short press on the TC button. This will make the top speed of all cars to be 50% of maximum throttle.

2.2 Activate Track Kill

Track Kill is activated by a long press on the TC Button. This will stop all cars on the track.

2.3 Reactivate the Track

If the TC button is pressed while the TC or TK function is active the Track will be reset. When the Track is reset the cars will be limited to ~70% throttle for the first 5s and then ramped up to 100%.

If the system is in TC mode and the TC button on any TX is pressed for more than 0,5s the track will be set to TK mode.

Please note that all TXs that have been used to activate TC or TK have to be reset by a short press on the TC button.

3 RMS interface

The SCS RMS Interface connects wirelessly with the SCS system and offers a connection to Arudino compatible RMS systems.

The RMS interface has two outputs, TC-out and TK-out. These outputs will be active high when the Track Call (TC) or the Track Kill (TK) is activated.

The Track Call will be indicated by a Green LED and the Track Kill will be indicated by a Red LED.

3.1 Outputs

The outputs are available as an active 5V signal on the 6-pin RJ12 outlet.
The TC-output is located on pin 4
The TK-output is located on pin 3
The GND is located on pin 6

The TC-button on the RMS interface can be used to activate Track Kill and to reset Track Kill in the same way as on the Transmitter.