SCip Universal Receiver™
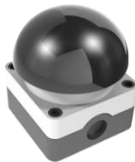
STUR

Installation guide

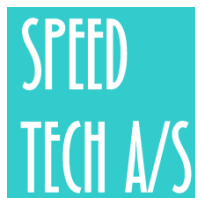**For use with:**

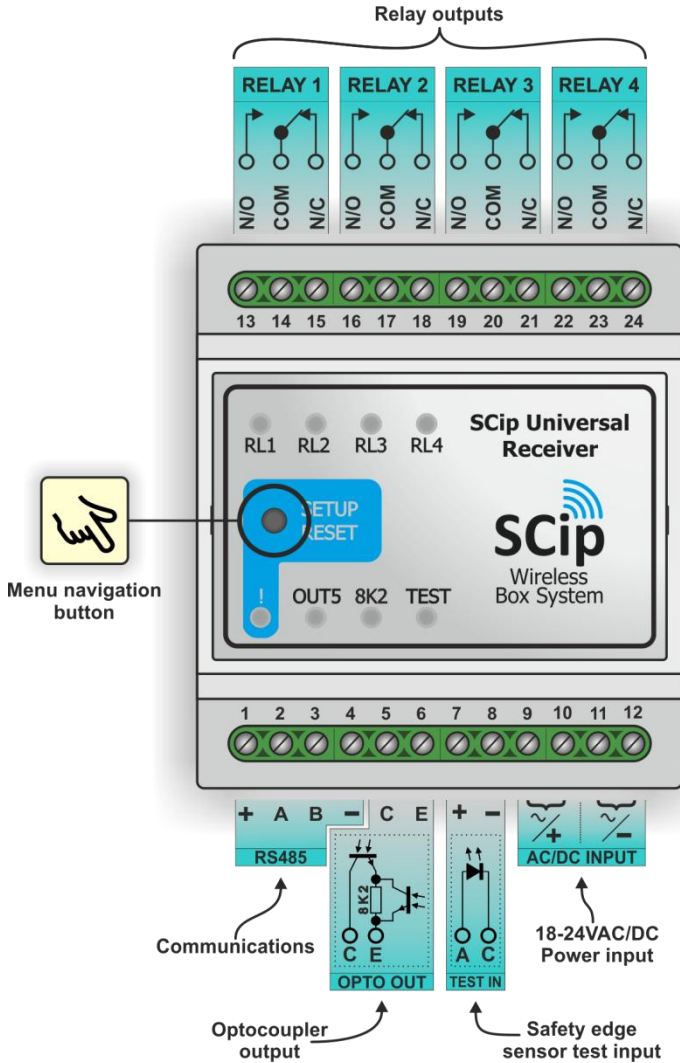| STKR-1 | STHR-4 | STPB-1 | STPB-2 | STPB-3 | STPS-1 |

- Supports up to 16 clients
- Two way communication
- Wide operating temperature span
- Low power consumption (<0.5W idle mode)
- Compatible with DIN rail standard EN 50022

SPEED
TECH A/S

CONNECTIONS

Relay outputs

RELAY 1 · RELAY 2 · RELAY 3 · RELAY 4

N/O COM N/C

13 14 15 16 17 18 19 20 21 22 23 24

SCip Universal Receiver

RL1 RL2 RL3 RL4

SETUP RESET

OUT5 8K2 TEST

SCip
Wireless Box System

Menu navigation button

1 2 3 4 5 6 7 8 9 10 11 12

+ A B − C E + − ~/+ ~/−

RS485

8K2

C E
OPTO OUT

A C
TEST IN

AC/DC INPUT

Communications

Optocoupler output

Safety edge sensor test input

18-24VAC/DC Power input

Connections:

Terminal:	Function:	Details:
1 to 4	Communications	Industry standard RS485 communications port
5 to 6	Optocoupler output	Galvanically isolated optocoupler output with optional 8K2 Ohms series resistor
7 to 8	Test input	For safety edge class II test
9 to 12	Power input	18-26V DC/AC power input
13 to 24	Relay outputs	4 x electrically/galvanically isolated N/O - N/C relay outputs

■))↔((■ ADD DEVICE

Repeat these steps to add a device to one of the outputs on the Universal Receiver.

1. Activate programming mode

Press setup/reset once

2. Select output

Press setup/reset multiple times to select the desired output

3. Add

Activate the device to add to the selected output

4. Deactivate programming mode

Press setup/reset multiple times to select the ! LED (Or wait approx. 30 seconds)

Icon description:

	Single press
> 1 sec.	Press and hold for more than 1 second
>10 sec.	Press and hold for more than 10 seconds
	Press to step one or more
	Internal beeper audible feedback
	Lamp flashing
	Lamp lit
	Activate SCip client

■))✦((■ REMOVE DEVICE

Repeat these steps to remove one or all devices from the Universal Receiver.

Reset one output

1. Activate reset mode
>10 sek.

Press and hold setup/reset
for more than 10 seconds

2. Select output
Press setup/reset multiple times
to select the desired output

3. Reset output
> 1 sek.

Press setup/reset to reset
the output

Reset all outputs
(and the radio channel)

1. Activate reset mode
>10 sek.

Press and hold setup/reset
for more than 10 seconds

2. Select all
Alle

Press setup/reset multiple times
to select the all outputs

3. Reset all
> 1 sek.

Press setup/reset to reset
all outputs and the radio channel

Technical data:

Wireless range (indoor):	15m
Network type/frequency:	2.4GHz ISM band
Maximum clients:	16
Relay contact ratings (res.)	120VAC/0.5A - 24VDC/1A - 60VDC/0.6A
Input specifications:	18-24V DC – Optical isolated
Power supply:	18-24VAC/DC (rectified input)
Temperature range:	-20~50°C
NEMA IP rating:	20
Dimensions:	**Outer dimensions:** 86 x 70 x 58mm (**H** x **W** x **D**) **DIN standard top hat rail EN 50022:** 35 × 7.5mm (rail H x D)
Weight:	150g