Inno-Link RF Modem

Inno-Link consists of a Master and a Slave. The Master is delivered with a 230V Mains cable and 6m 9 pole SubD cable to Control Box/Protocol Converter.
The range for Inno-Link system is up to 300m, if free sight between Inno-Link Master and Inno-Link Slave is provided.
Inno-Link RF replaces the underground cable between the Control box and the Pole.

Inno-Link Master, should be placed indoor.

The Inno-Link Master is powered by 230VAC. It should be placed in such a way that free sight to the pole is provided. It should be noted, that RF signals can not pass through windows and metal but will pass through other building parts although the signal will be attenuated.
The original antenna can be replaced by an external antenna outside the building.

The Inno-Link Slave is mounted in a water proof box. It should be mounted in the top of pole with free sight to the Master.
The Antenna on the top of the Slave should point upwards.
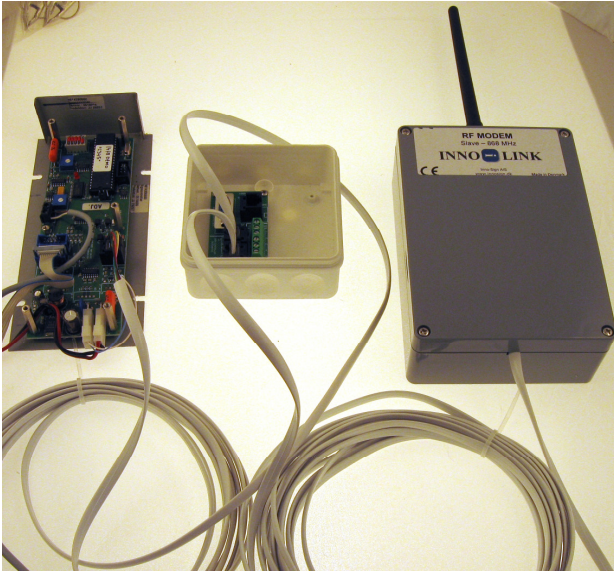
The cable from the Slave is connected to the Connection box for Pole, and a cable is connected from the Connection box pole to the Sign controller or the Combi controller. The cable from the Slave can also be connected directly to the Combi controller.

For rollerblinds, the cable from the slave is connected to the plug in the middle in the power supply.

Setup button   LED's

The setup button on the Master is pressed in order to see the strength off the signal from the Slave. A match or a small rivet can be used for this. After pressing the setup button, one of the LED's will light/flash according to the signal strength.

Constant light: 100%=

¾ Flashing light: 75%=

½ Flashing light: 50%=

¼ Flashing light: 25%=
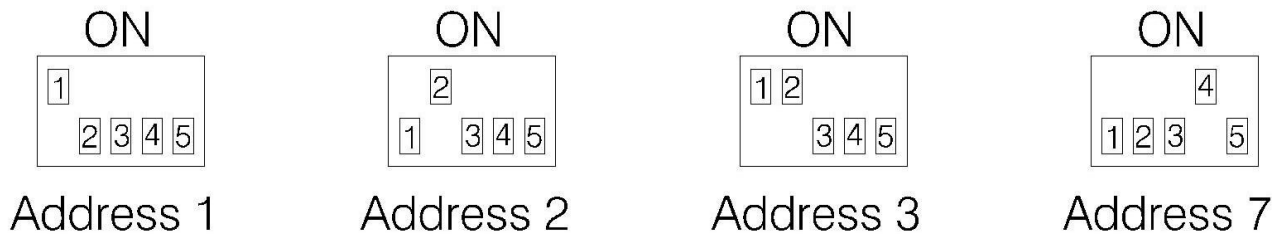
Light off: no signal.

External Antenna

If the signal inside the pylon is not good enough (min. 50%), an external antenna should be used. The original antenna is unscrewed and the cable for the external antenna is mounted on this socket. The Inno-Link slave should then be mounted with both the antenna cable and the Ibis cable downwards. This is done by turning the slave box 180°.

If a Slave with Address 1 is connected with 50% signal strength LED 1 will flash with a duty cycle of 50%.

If a Slave with Address 1 is connected with 50% signal strength, and a Slave with address 2 is connected with 75% signal strength LED 1 will flash with a duty cycle of 50% and LED 2 will flash with a duty cycle of 75%.

If more than one Slave is connected to one Master the addresses of the Slaves should be set to 1, 2, 3 etc (default 1).

ON

| 1 |
| 2 3 4 5 |

Address 1

ON

| 2 |
| 1 3 4 5 |

Address 2

ON

| 1 2 |
| 3 4 5 |

Address 3

ON

| 4 |
| 1 2 3 5 |

Address 7

The signal strength from the connected Slaves is shown by the LEDs corresponding the addresses of the Slaves.

LEDs on Inno-Link:

ON

| 1 |
| 2 3 4 5 |

7 6 5 4 3 2 1