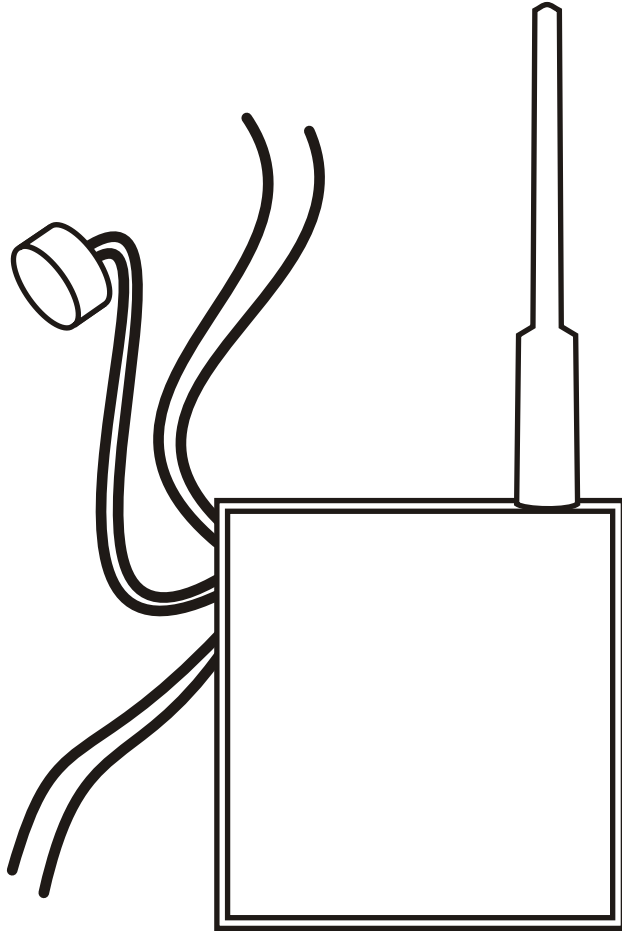


Transmitter T-5800



Allocation schedule

DC: (red / black)

Please use a stabilised mains adapter or battery with an output of 5.5 – 7.5 V DC (150 mA). The transmitter includes a reverse connect protection. However, please consider the polarity of your power supply.

Red = 5.5 – 7.5 V

Black = GND

Please consider:

We don't give guarantee for damage caused by overvoltage. Please consider that all terminals must be connected properly before the device is ready to operate.

Video: (yellow / black)

Yellow = 1 V_{pp} on 75 Ohms

Black = GND

The video signal must be a standardised composite 1V_{pp} signal. You can transmit each kind of composite video signals.

Audio:

The transmitter is supplied with a high sensitive electret microphone. An audio input of 500 mV_{eff} on ≥ 10 kOhms is available on request. Because of the controlled micro amplifier the squelch circuit may operate in case of very low noise. Therefore the volume may be adjusted up and down.

Please use shielded lines to decouple the Video and Audio signals.

Technical data	Transmitter T-5800
Frequency range	5725MHz - 5875MHz
Range indoor's in connection with suitable receivers	depending on the transmission power as well as number, thickness and material of walls (depending on the gain factor of the antenna, the range can be improved up to multiple times compared to the standard range)
Range indoor's in connection with suitable receivers and line of sight	depending on the gain factor of the antenna, the range can be improved up to multiple times compared to the standard range
Video input	Composite colour picture signal pos 1.0 + 0.1 V _{pp}
Video bandwidth	30 Hz - 5 MHz
Audio bandwidth	30 Hz - 15 kHz
Audio input	micro input automatically controlled
Modulation mode	F3F
Current consumption	max. 150mA
Power supply DC	5.5 V - 7.5 V (optionally 2.4 V - 3 V)
Antenna	omnidirektionally antenna
Dimensions without antenna	18 x 18 x 13 (with connector strip)
Weight without mains adapter	8 g
Protection class	IP 30
Ambient temperatures (use/ store)	-10°C- +55°C / -20°C- +60°C
Humidity	non- condensing
Connectors	
Video input	6 pole terminal
Audio input	6 pole terminal
DC	6 pole terminal

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, cluding interference that may cause undesired operation.

IMPORTANT NOTE:

Intentional or unintentional changes or modifications not expressly approved by the party responsible for compliance must not be made. Any such modifications could void the user's authority to operate the equipment.