



## ZONITH BT RECEIVER, MODEL BTR-01

### ENCLOSURE

Size: L:120 x W:120 x H:25 mm  
IP Type: IP40  
Weight: 172 g  
Color: White

### BLUETOOTH TECHNICAL DATA

Protocols: Bluetooth **v4.2 BR/EDR** and Bluetooth Low Energy (**BLE**)

### APPROVALS AND DECLARATION OF CONFORMITY

FCC, CE, IC

### TRANSMITTER

Radio: Class-1, Class-2, Class-3 Transmitter  
Frequency: 2.4 – 2.485 GHz  
Adaptive Frequency Hopping (AFH)  
Transmit Power: Min: -12dBm, Max +12dBm,  
Typical: 0dBm (1mW)  
Sensitivity @30.8% PER: Typ. -97dBm

### RANGE

Max distance to BT Device: 15 - 20 meters  
(49 – 65 feet) in open space.

### MOUNTING

2 mounting holes.  
Distance between mounting holes: 85mm

### SCREWS

Countersunk: 3/3,5x30/35 mm  
Wall Plugs: 5,0/5,5 mm

### COUNTRY OR ORIGIN

European Union

### NETWORK INTERFACE

Standard IEEE 802.3af  
Physical Layer: 10/100 Base-T  
Data Rate: 10/100 Mbps  
Connector: RJ-4  
Cable: CAT-6. At PDS end connection to BT Receiver use unshielded cable 5

### POWER INTERFACE

The unit can be powered over either Ethernet or via external power supply.

IEEE 802.3af

Power over Ethernet (PoE) Supports  
Endspan and Midspan

External Power Supply:

Screw terminal connector  
Operating voltage:  
12 VDC, 0,5 A.

Power Consumption: <3W  
(No Expansion). Typical 2,2W.

### AMBIENT TEMPERATURES

Operating: Max: 55 °C, Min: -10 °C  
Storage: Max: 80 °C, Min: -20 °C



Screw terminal connector



#### Disclaimer

Environmental factors and building constructions may adversely affect the wireless signal range. Faulty home or appliance wiring could cause fire or damage the device. Devices requires constant power and constant Internet connection to function properly. Product specifications, size and shape are subject to change without notice, and actual appearance may differ from that depicted herein.

#### COPYRIGHT AND TRADEMARK INFO

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GET in touch!

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