

# BGT-TEST-SP

- Portable test unit
- Monitoring of smart-house channel status
- LCD-display
- 12-key tactile keyboard
- Supplied by smart-house
- Transmission latch
- Dual-group reading
- Analog BCD reading
- Split I/O channel reading



## PRODUCT SPECIFICATIONS

<b>Output</b>	smart-house
Connection	3 mm Jack socket
<b>Display</b>	2 x 16 characters
Type	LCD
Height of dots	5 mm
<b>Keyboard</b>	Tactile keys
No. of keys	12
Channel keys	1-8
Command keys	« ↑ » « ↓ » (scroll up/down) « MODE », « ENTER »

<b>Cable 1</b>	BGT-TEST-SP to smart-house
BGT-TEST-SP connector	3 mm Jack plug
smart-house connector	2 mini grips
Signal	Red
Common	Black

<b>Cable 2</b>	BGT-TEST-SP to Chip module
BGT-TEST-SP connector	3 mm Jack plug
smart-house connector	1 6/6 modular plug

## GENERAL SPECIFICATIONS

<b>Environment</b>	
Degree of protection	IP 40
Pollution degree	3 (IEC 60664)
Operating temperature	0° to +50°C (+32° to +122°F)
Storage temperature	-20° to +60°C (-4° to +140°F)
<b>Humidity</b> (non-condensing)	20 to 80%

<b>Mechanical resistance</b>	
Shock	15 G (11 ms)
Vibration	2 G (6 to 55 Hz)

<b>Dimensions</b> (l x w x d)	145 x 90 x 28 mm
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<b>Material</b>	ABS, grey
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<b>Weight</b>	250 g
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## SUPPLY SPECIFICATIONS

<b>Power supply</b>	Supplied by smart-house
Reverse-polarity protection	Yes
Rated operational current	< 4.0 mA

## TYPE SELECTION

<b>Supply</b>	Supplied by smart-house	<b>Ordering no.</b>	BGT-TEST-SP
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## MODE OF OPERATION

128-channel portable transmitter/receiver unit supplied by smart-house. The BGT-TEST-SP can be used anywhere along the two wires to monitor and control the status of smart-house channels. This unit is highly recommended for start-up and maintenance work on smart-house systems.

**Warning:** Do not plug or unplug the Jack connector when the BGT-TEST-SP is connected to smart-house. This will cause a short-circuit of the two wires.

**Note:** If the smart-house carrier is missing, the display will not turn on.

The BGT-TEST-SP can operate in 6 different modes:

- Digital 1 group
- Digital 2 groups
- Edit Tx-latch
- Analog BCD
- Split I/O
- Sensor Calibration

## ADDITIONAL INFORMATION

<b>Scope of supply</b>	
1 x Test unit	BGT-TEST-SP
1 x Cable 1 (mini grips)	BGT-TEST-SP - GRIP - CAB
1 x Cable 2	BGT-TEST-SP - ASIC - CAB

## WIRING DIAGRAM

