

# RADIO LINK LED EMERGENCY SIGN BOARD S2000R-OST

**ICO 9001**



## INSTRUCTION MANUAL

- |   |  |
|---|--|
| <input type="checkbox"/> mod. 00 “FIRE”<br><input type="checkbox"/> mod. 01 “EXIT”<br><input type="checkbox"/> mod. 02 “AUTO OFF”<br><input type="checkbox"/> mod. 07 Arrow Left Sign | <input type="checkbox"/> mod. 08 Arrow Right Sign<br><input type="checkbox"/> mod. 09 Man / Arrow Left Down<br><input type="checkbox"/> mod. 10 Man / Arrow Right Down<br><input type="checkbox"/> mod. 11 “ESCAPE EXIT” |
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### 1 GENERAL

S2000R-OST Radio Link LED Emergency Sign Board (hereinafter referred to as the S2000R-OST) is used to display alarm messages of fire alarm systems, to identify escape routes and to display information.

The S2000R-OST is designed to operate in the round-the-clock mode as part of an S2000R system with two-way radio communication.

The S2000R-OST is available with such signage as “EXIT”, “FIRE”, “AUTO OFF”, Arrow Left Sign, Arrow Right Sign, Man / Arrow Left Down Sign, Man / Arrow Right Down Sign, “ESCAPE EXIT” or any customizable lettering/pictogram.

### 2 SPECIFICATIONS

**Table 1**

Bandwidth	868.0-868.2 MHz, 868.7-869.2 MHz
Radio Channels	4
Transmitting Power	10 mW
Effective Range in Free Space	300 m min
Control Data Transmission Interval	10 s
Batteries	ER14505M, 3.6V
Operating on Batteries in Quiescent Mode*	5 years
Full On-batteries Illumination Time	Up to 60 hours
Ingress Protection Rating	IP41
Operating Temperature	-30°C to +55°C
Relative Humidity	Up to 93 % at +40°C
Transportation and Storage Temperature	-30°C to +55°C
Weight	0.262 kg
Overall Dimensions	303 mm × 112 mm × 33 mm

\*Operation time depends on the transmission interval, radio link quality, and ambient temperature

### 3 PRECIOUS MATERIALS CONTENT INFORMATION

The S2000R-OST does not contain precious metals (Clause 1.2 of Russian Standard ГOCT 2.608-78).

### 4 INDICATION

The built-in status LED of the S2000R-OST indicates the following events and conditions:

- Radio link quality
- Battery conditions
- Processes of verification and updating of firmware;

Table 2 describes S2000R-OST indication in quiescent mode:

**Table 2**

Flashes with green every 10 seconds	Normal Conditions
Flashes with amber every 10 seconds	Low Battery
Three flashes with amber every 15 seconds	Lost Communication with ARR32

## 5 STANDARD DELIVERY

In case of *individual* delivery:

- S2000R-OST LED Sign Board – 1 pc.;
- Instruction Manual – 1 pc.;
- Battery ER14505M – 2 pcs.;
- Woodscrew 3×25 – 2 pcs.;
- Wall Plug (for 3x25 woodscrew) – 2 pcs.;
- Woodscrew 4×40 – 2 pcs.;
- Wall Plug (for 4x40 woodscrew) – 2 pcs.;
- Packing – 1 pcs.

## 6 OPERATION DIRECTIVES

The S2000R-OST is designed to operate indoor.

The S2000R-OST is to be mounted and programmed in accordance with S2000R Addressable Radio Link System User's Manual and all local applicable standards, codes, regulations and ordinances.

Prior to installing the S2000R-OST it is recommended to configure the S2000R system and check link quality at the location where installation is intended. In order to improve the level of radio signal, the S2000R-OST should be installed at the maximum possible distance from metal structures.

## 7 MANUFACTURER DATA

Manufacturer name: The Bolid Company, Russia

Address: 4 Pionerskaya Str., Korolev 141070, Moscow Region, Russia

Tel./fax: +7 (495) 775-71-55 (multi-channel), +7 (495) 777-40-20, +7 (495) 516-93-72

E-mail: [info@bolid.ru](mailto:info@bolid.ru); Technical Support: [support@bolid.ru](mailto:support@bolid.ru); <http://bolid.ru>

## 8 CERTIFICATES

8.1 S2000R-OST Radio Link LED Emergency Sign Board is approved by Conformity Certificate No. C-RU.ЧС13.B.00871.

8.2 Declaration of Conformity EAЭC № RU Д-RU.ME61.B.00696 certifies that S2000R-OST Radio Link LED Emergency Sign Board meets the requirements of Technical Regulations of Custom Union TR CU 020/2011.

8.3 Production of S2000R-OST Radio Link LED Emergency Sign Board is certified according to ГОСТ ISO 9001-2011 by a conformity certificate No.ПOCC RU.ИК32.K00153.

## 9 PRODUCT ACCEPTANCE CERTIFICATE

The S2000R-OST Radio Link LED Emergency Sign Board is manufactured and accepted in accordance with mandatory requirements of state standards and current technical documentation, qualified as proper for operation and packaged by CJSC NVP "Bolid".

Responsible for acceptance and packaging

QCD \_\_\_\_\_

Full Name

\_\_\_\_\_  
Date, Month, Year

**BOLID**®